

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
 Data File : BF142865.D
 Acq On : 26 Jun 2025 13:38
 Operator : RC/JU
 Sample : Q2405-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMSD

Quant Time: Jun 26 14:21:57 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81112	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	315008	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	166882	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	277852	20.000	ng	0.00
76) Chrysene-d12	14.051	240	136036	20.000	ng	0.00
86) Perylene-d12	15.545	264	166796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	455491	93.495	ng	0.00
7) Phenol-d6	6.510	99	553739	96.339	ng	0.00
23) Nitrobenzene-d5	7.440	82	330069	57.473	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	168437	98.081	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	700333	55.129	ng	0.00
79) Terphenyl-d14	12.992	244	599874	60.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	72487	37.200	ng	99
3) Pyridine	3.463	79	197105	40.348	ng	99
4) n-Nitrosodimethylamine	3.422	42	111446	44.117	ng	99
6) Aniline	6.540	93	239813	31.357	ng	92
8) 2-Chlorophenol	6.663	128	240455	45.755	ng	98
9) Benzaldehyde	6.428	77	138585	40.640	ng	100
10) Phenol	6.522	94	283324	44.345	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	205825	45.074	ng	99
12) 1,3-Dichlorobenzene	6.816	146	258929	44.055	ng	99
13) 1,4-Dichlorobenzene	6.893	146	260838	43.987	ng	99
14) 1,2-Dichlorobenzene	7.045	146	251359	44.691	ng	99
15) Benzyl Alcohol	7.022	79	193281	46.515	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	314411	42.856	ng	95
17) 2-Methylphenol	7.134	107	182347	45.787	ng	98
18) Hexachloroethane	7.387	117	91357	44.046	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	152223	45.536	ng	98
20) 3+4-Methylphenols	7.287	107	229872	46.294	ng	96
22) Acetophenone	7.287	105	308351	44.389	ng	98
24) Nitrobenzene	7.463	77	229043	44.064	ng	97
25) Isophorone	7.698	82	415380	45.088	ng	99
26) 2-Nitrophenol	7.781	139	132028	46.628	ng	97
27) 2,4-Dimethylphenol	7.816	122	217904	44.427	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	262525	44.823	ng	100
29) 2,4-Dichlorophenol	8.022	162	202124	45.450	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	215585	44.085	ng	99
31) Naphthalene	8.187	128	677388	43.932	ng	100
32) Benzoic acid	7.940	122	119422	47.771	ng	97
33) 4-Chloroaniline	8.234	127	83417	13.305	ng	97
34) Hexachlorobutadiene	8.298	225	131839	44.075	ng	99
35) Caprolactam	8.610	113	45155	38.478	ng	97
36) 4-Chloro-3-methylphenol	8.722	107	205532	46.502	ng	99
37) 2-Methylnaphthalene	8.875	142	428549	44.831	ng	99
38) 1-Methylnaphthalene	8.975	142	440242	44.488	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	219074	44.490	ng	99
41) Hexachlorocyclopentadiene	9.028	237	244689	87.566	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	143804	44.817	ng	99

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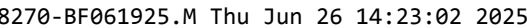
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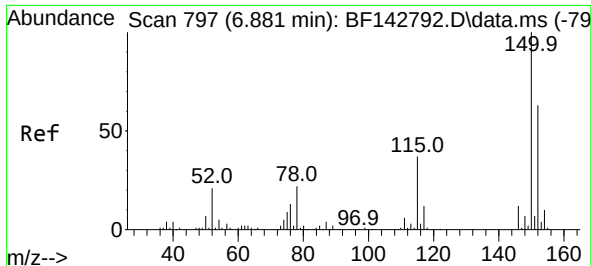
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	152433	45.129	ng	100
46) 1,1'-Biphenyl	9.339	154	586473	44.488	ng	100
47) 2-Chloronaphthalene	9.369	162	436814	44.155	ng	100
48) 2-Nitroaniline	9.463	65	129904	46.838	ng	98
49) Acenaphthylene	9.781	152	723474	44.424	ng	99
50) Dimethylphthalate	9.639	163	511351	47.337	ng	99
51) 2,6-Dinitrotoluene	9.704	165	114457	48.247	ng	99
52) Acenaphthene	9.957	154	492832	49.600	ng	100
53) 3-Nitroaniline	9.875	138	67312	25.771	ng	97
54) 2,4-Dinitrophenol	9.986	184	121397	102.199	ng	98
55) Dibenzofuran	10.128	168	627409	44.034	ng	100
56) 4-Nitrophenol	10.039	139	166701	93.227	ng	94
57) 2,4-Dinitrotoluene	10.110	165	154943	49.171	ng	98
58) Fluorene	10.469	166	503703	45.266	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	127334	46.769	ng	96
60) Diethylphthalate	10.339	149	510786	48.226	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	241553	45.491	ng	98
62) 4-Nitroaniline	10.492	138	115115	48.190	ng	99
63) Azobenzene	10.622	77	486973	51.443	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	81466	48.473	ng	98
66) n-Nitrosodiphenylamine	10.581	169	439101	45.599	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	145403	45.981	ng	97
68) Hexachlorobenzene	11.016	284	155267	44.188	ng	97
69) Atrazine	11.104	200	138677	55.768	ng	100
70) Pentachlorophenol	11.216	266	157135	89.745	ng	99
71) Phenanthrene	11.433	178	686110	45.585	ng	100
72) Anthracene	11.486	178	690116	44.707	ng	100
73) Carbazole	11.639	167	608855	45.706	ng	99
74) Di-n-butylphthalate	11.963	149	752629	54.235	ng	100
75) Fluoranthene	12.622	202	614783	43.039	ng	100
77) Benzidine	12.745	184	219229	42.893	ng	99
78) Pyrene	12.851	202	598281	46.920	ng	100
80) Butylbenzylphthalate	13.469	149	219871	59.444	ng	96
81) Benzo(a)anthracene	14.045	228	439191	47.857	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	56985	19.144	ng	100
83) Chrysene	14.080	228	379414	46.333	ng	100
84) Bis(2-ethylhexyl)phtha...	14.022	149	267843	50.330	ng	99
85) Di-n-octyl phthalate	14.639	149	437421	43.590	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	449171	35.355	ng	99
88) Benzo(b)fluoranthene	15.104	252	466884	48.374	ng	99
89) Benzo(k)fluoranthene	15.139	252	407355	45.112	ng	99
90) Benzo(a)pyrene	15.480	252	442533	47.461	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	369756	35.819	ng	99
92) Benzo(g,h,i)perylene	17.510	276	329574	32.018	ng	99

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

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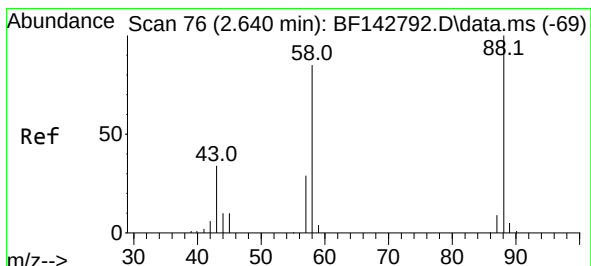
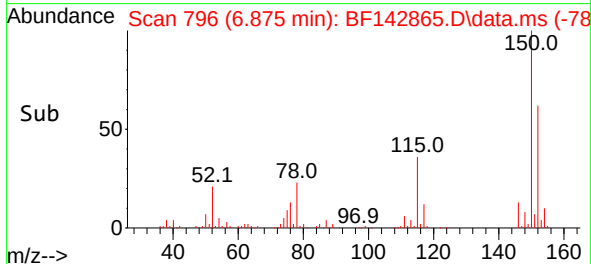
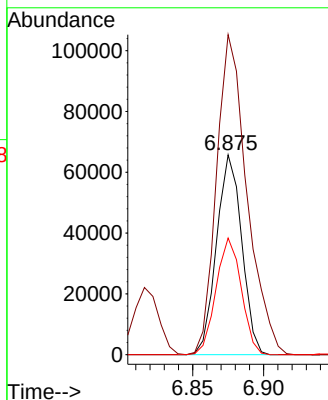
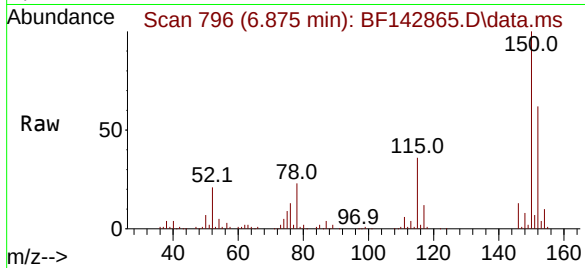




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

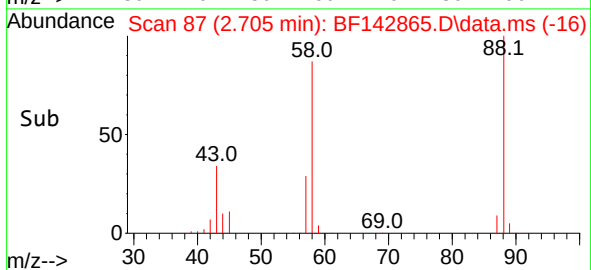
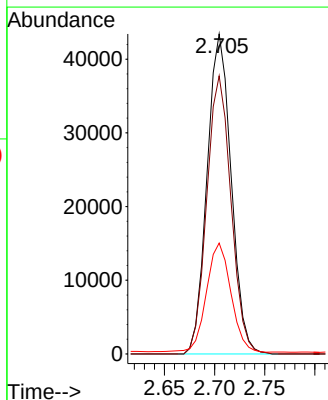
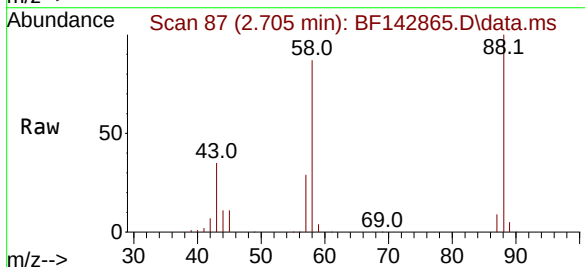
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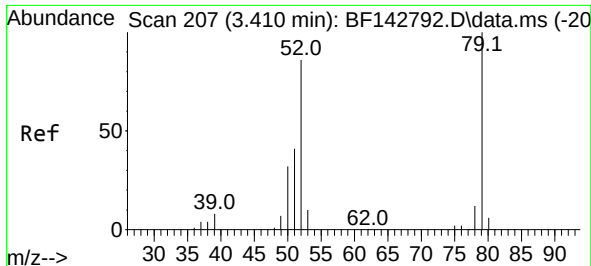
Tgt Ion:152 Resp: 81112
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.2 190.8
 115 58.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 37.200 ng
 RT: 2.705 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

Tgt Ion: 88 Resp: 72487
 Ion Ratio Lower Upper
 88 100
 58 87.5 69.1 103.7
 43 34.7 27.4 41.2

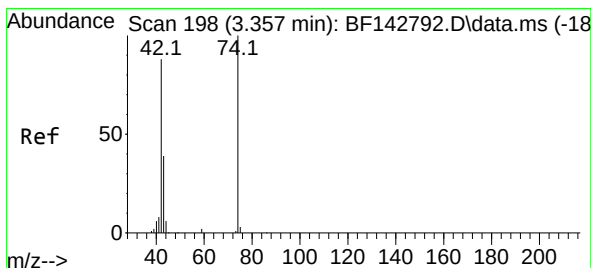
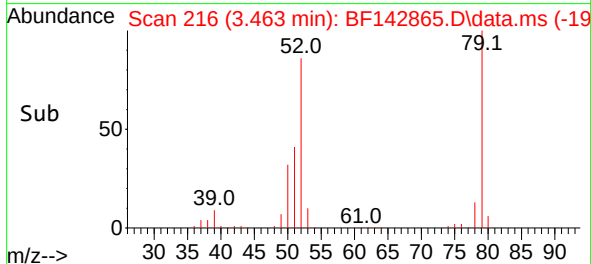
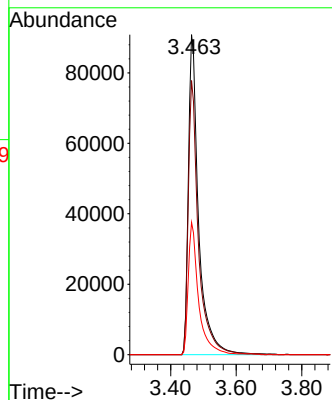
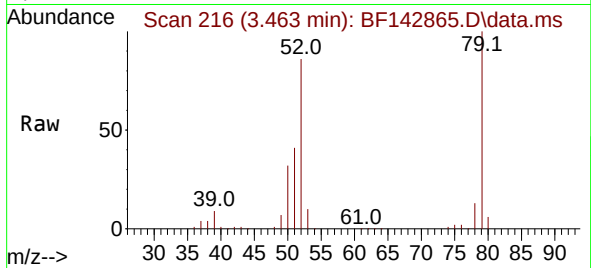




#3
Pyridine
Concen: 40.348 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.053 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

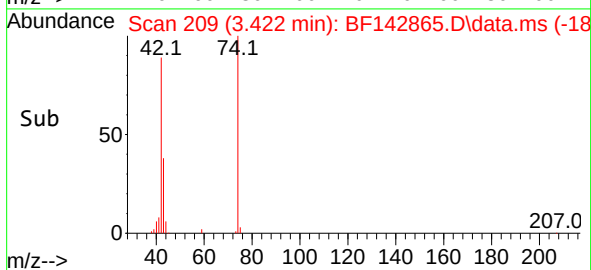
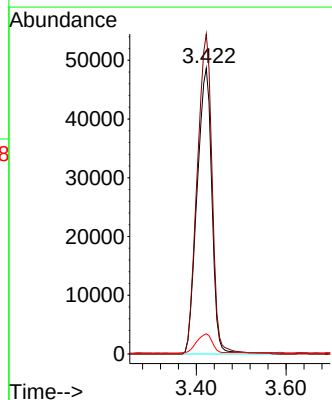
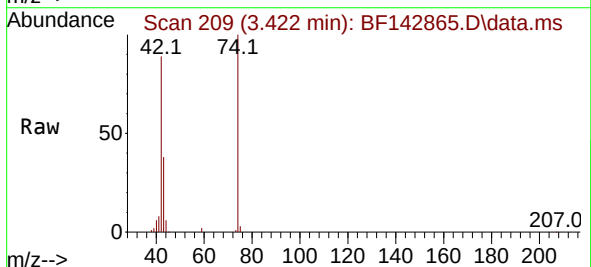
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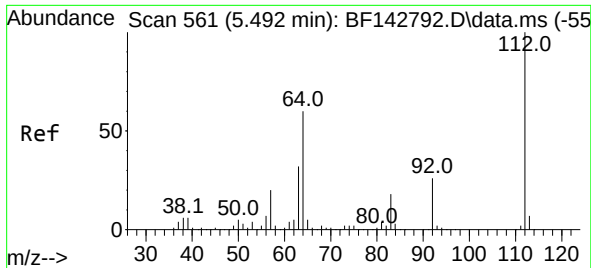
Tgt Ion: 79 Resp: 197105
Ion Ratio Lower Upper
79 100
52 85.6 69.2 103.8
51 41.4 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 44.117 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion: 42 Resp: 111446
Ion Ratio Lower Upper
42 100
74 112.0 90.9 136.3
44 7.1 5.8 8.6

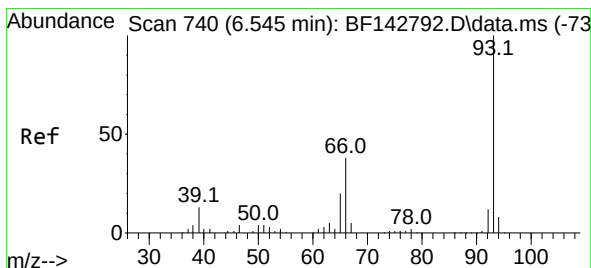
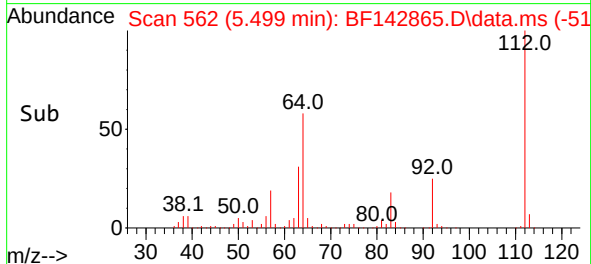
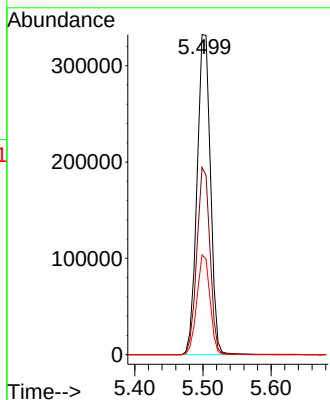
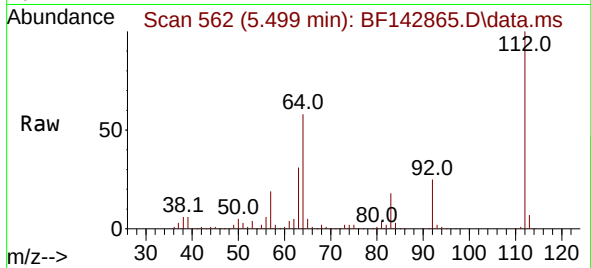




#5
2-Fluorophenol
Concen: 93.495 ng
RT: 5.499 min Scan# 501
Delta R.T. 0.007 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

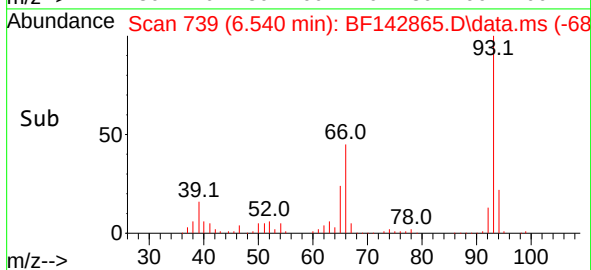
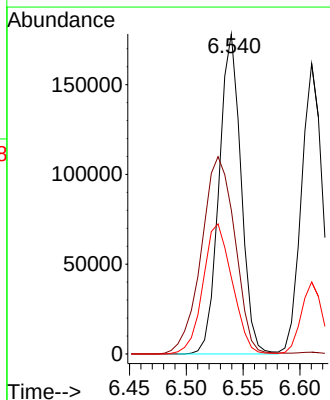
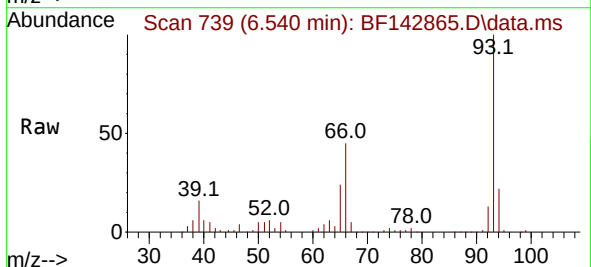
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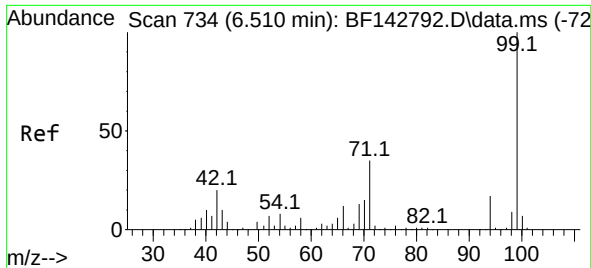
Tgt Ion:112 Resp: 455491
Ion Ratio Lower Upper
112 100
64 58.5 48.2 72.2
63 31.2 25.7 38.5



#6
Aniline
Concen: 31.357 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142865.D
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Tgt Ion: 93 Resp: 239813
Ion Ratio Lower Upper
93 100
66 45.0 31.8 47.6
65 23.9 16.2 24.2

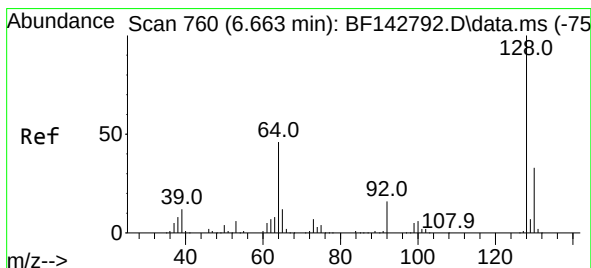
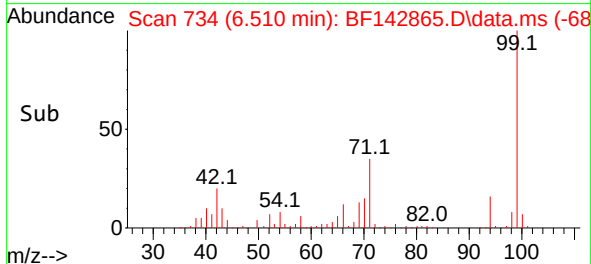
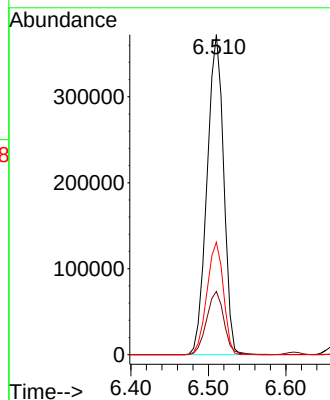
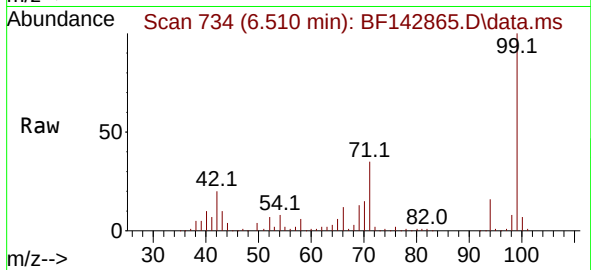




#7
Phenol-d6
Concen: 96.339 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

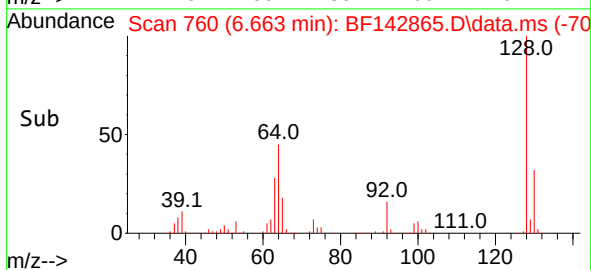
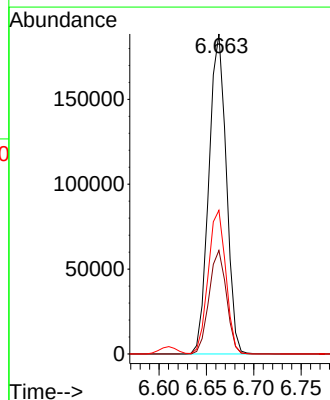
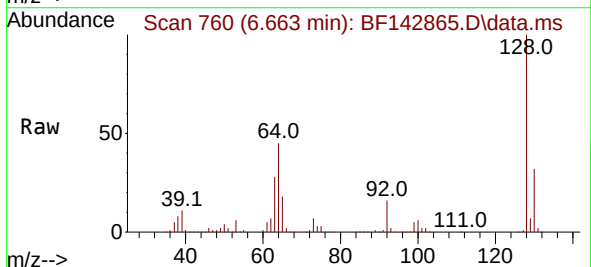
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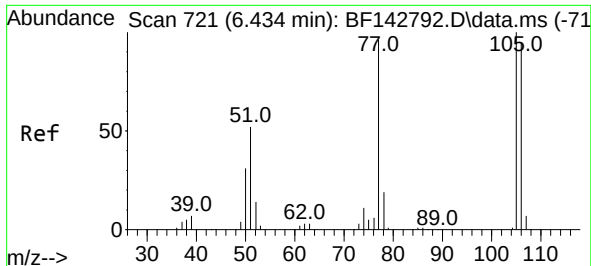
Tgt Ion: 99 Resp: 553739
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 35.1 27.8 41.8



#8
2-Chlorophenol
Concen: 45.755 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:128 Resp: 240455
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 44.9 26.5 66.5

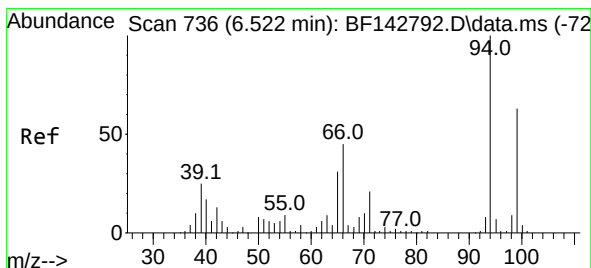
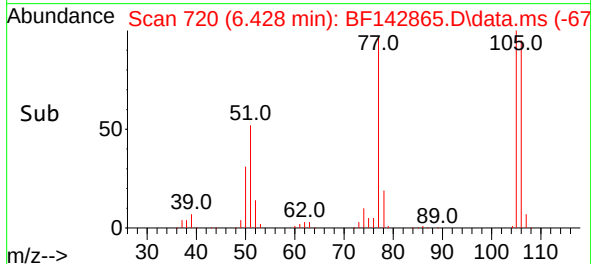
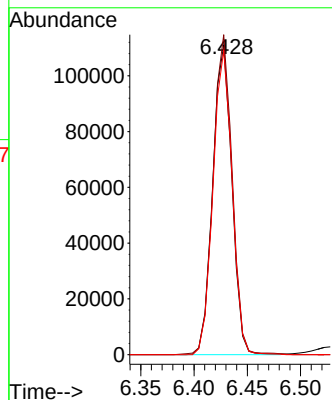
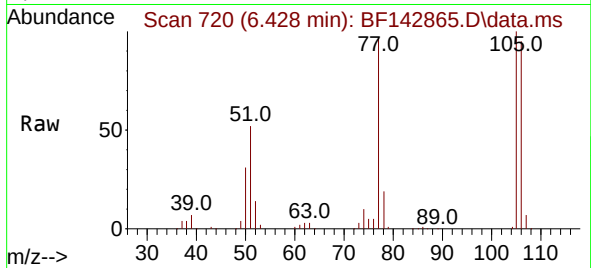




#9
Benzaldehyde
Concen: 40.640 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

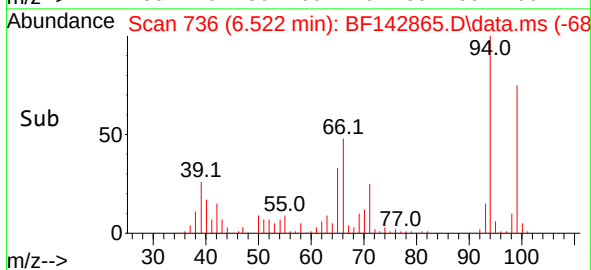
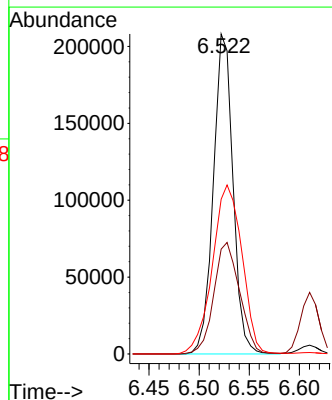
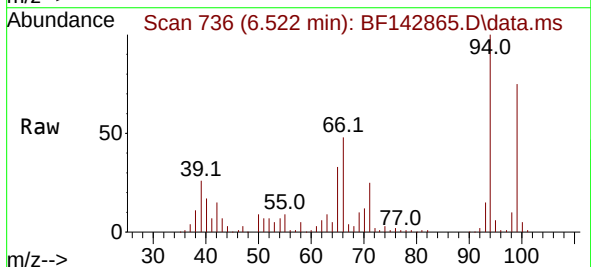
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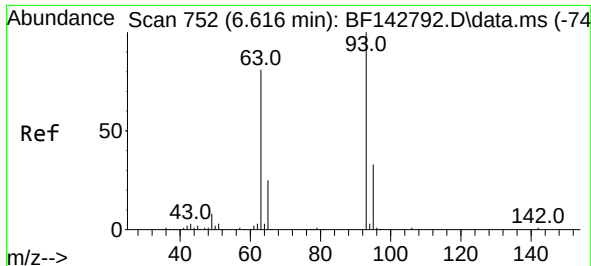
Tgt Ion: 77 Resp: 138585
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 98.2 78.7 118.7



#10
Phenol
Concen: 44.345 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142865.D
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Tgt Ion: 94 Resp: 283324
Ion Ratio Lower Upper
94 100
65 32.8 11.3 51.3
66 48.3 24.9 64.9

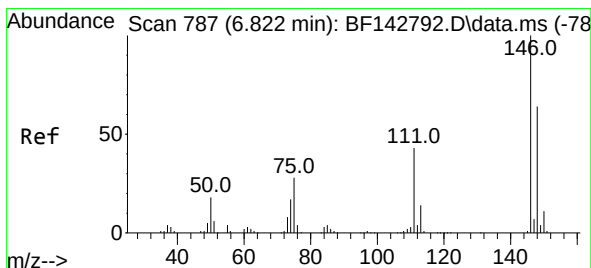
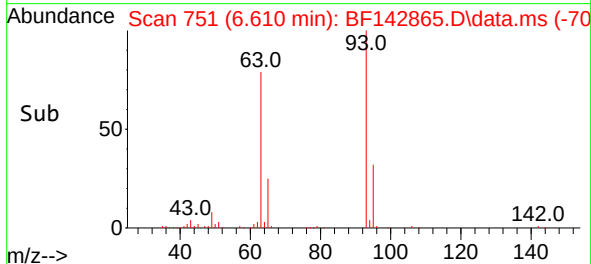
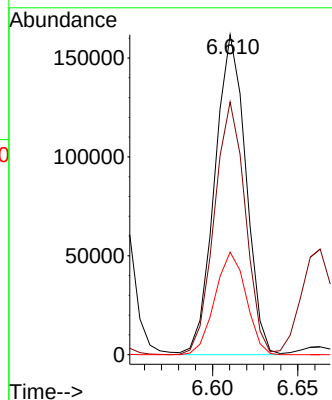
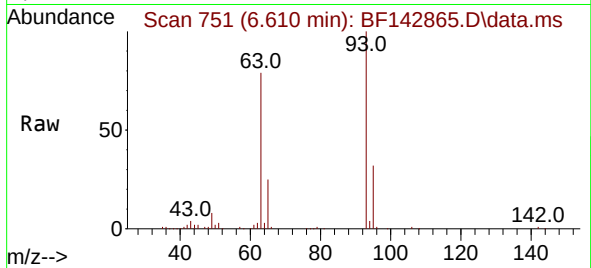




#11
bis(2-Chloroethyl)ether
Concen: 45.074 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

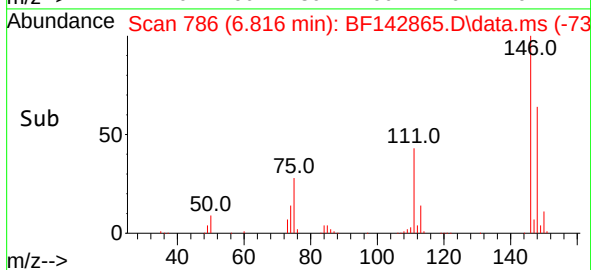
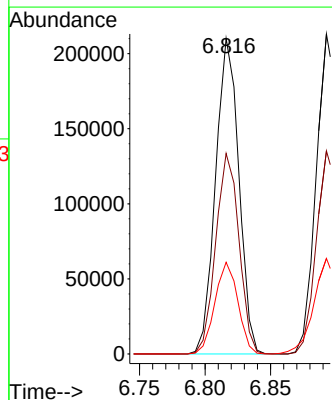
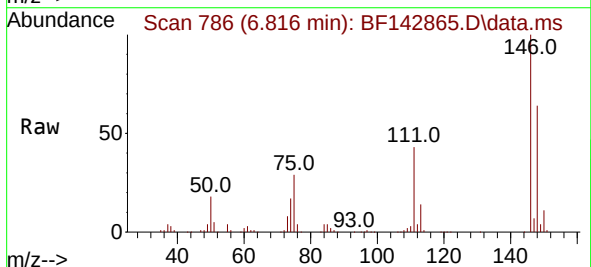
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

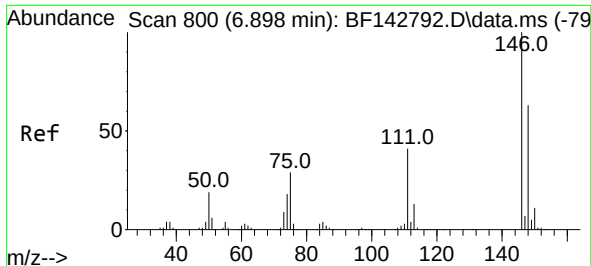
Tgt Ion: 93 Resp: 205825
Ion Ratio Lower Upper
93 100
63 79.0 60.3 100.3
95 32.1 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 44.055 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:146 Resp: 258929
Ion Ratio Lower Upper
146 100
148 63.5 51.1 76.7
75 29.0 22.7 34.1

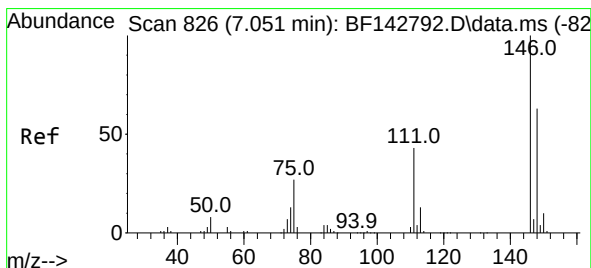
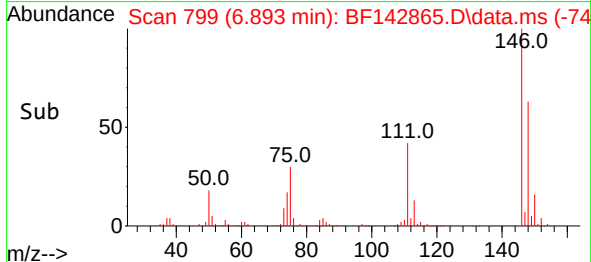
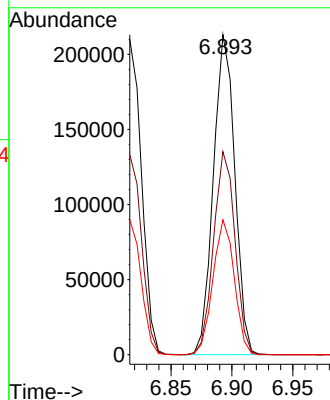
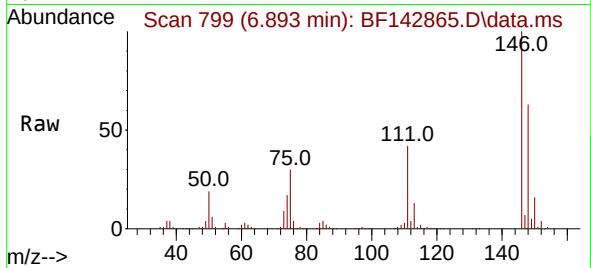




#13
1,4-Dichlorobenzene
Concen: 43.987 ng
RT: 6.893 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

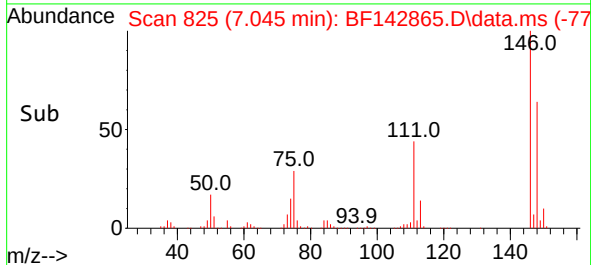
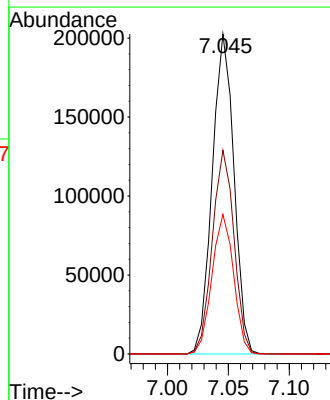
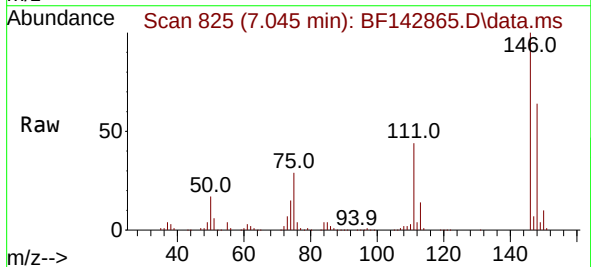
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

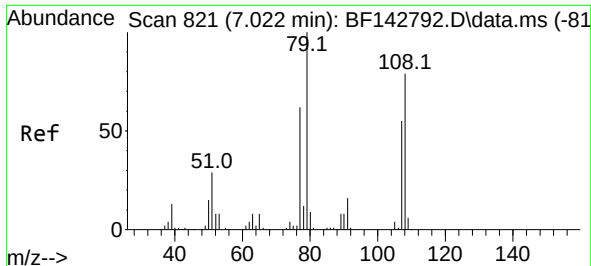
Tgt Ion:146 Resp: 260838
Ion Ratio Lower Upper
146 100
148 63.5 50.2 75.2
111 42.2 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 44.691 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:146 Resp: 251359
Ion Ratio Lower Upper
146 100
148 63.7 50.4 75.6
111 43.6 34.1 51.1

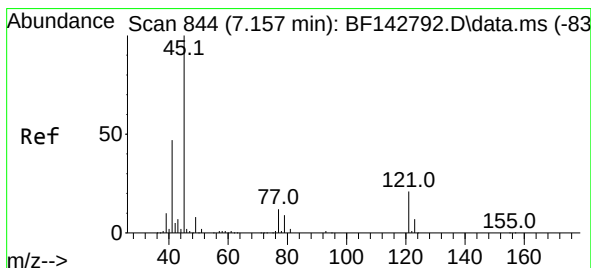
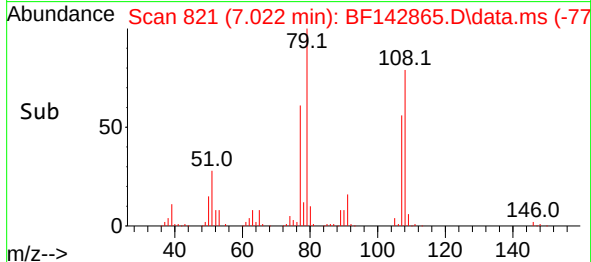
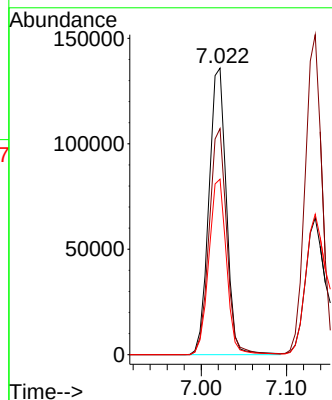
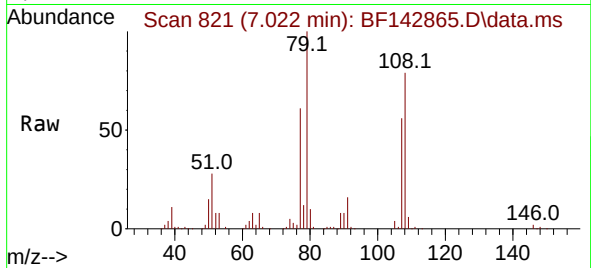




#15
Benzyl Alcohol
Concen: 46.515 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

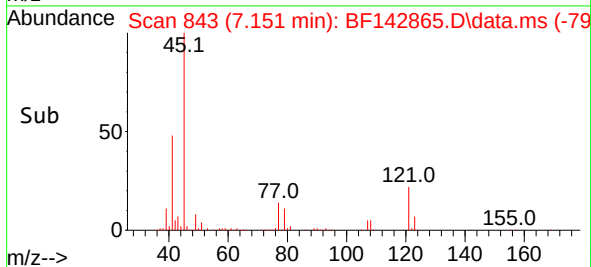
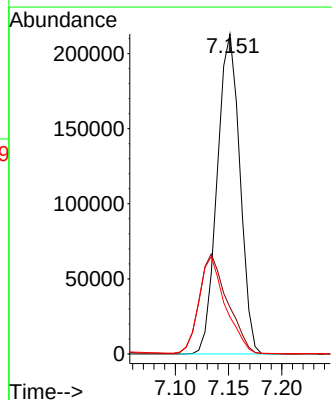
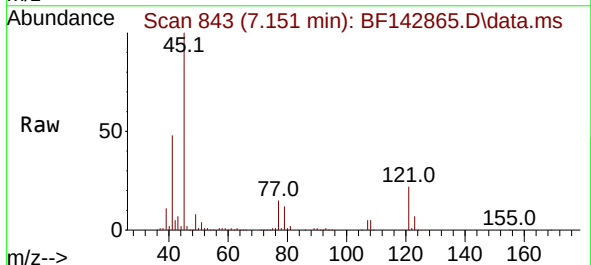
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

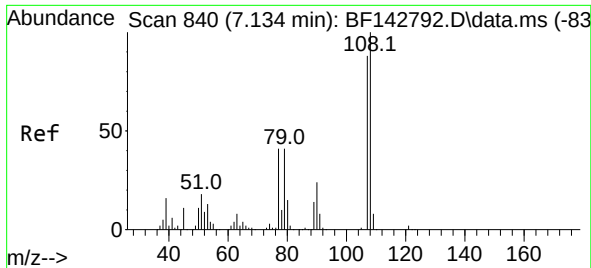
Tgt Ion: 79 Resp: 193281
Ion Ratio Lower Upper
79 100
108 78.9 63.4 95.0
77 61.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.856 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion: 45 Resp: 314411
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.8
79 11.5 0.0 29.8

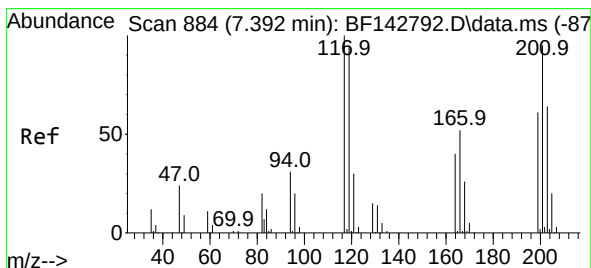
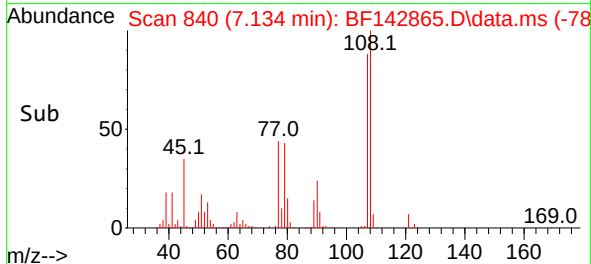
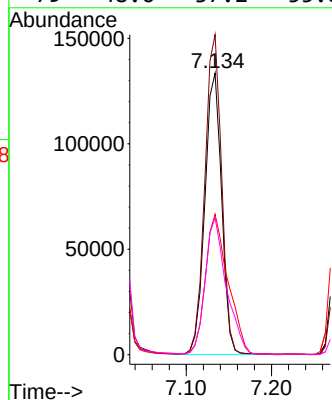
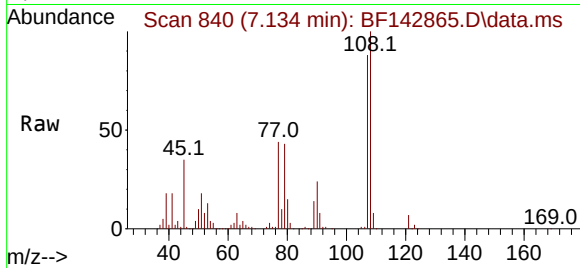




#17
2-Methylphenol
Concen: 45.787 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

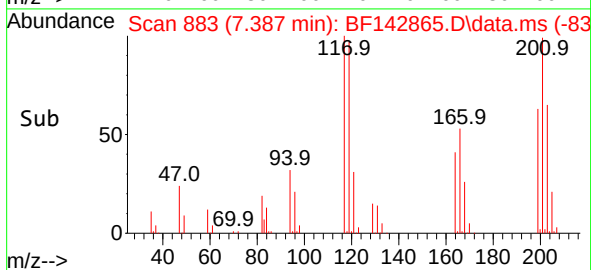
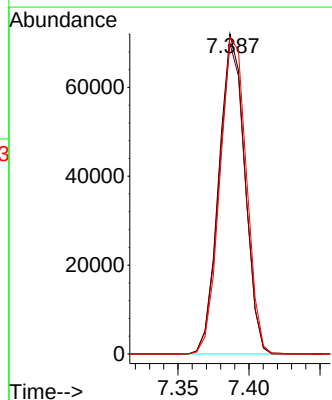
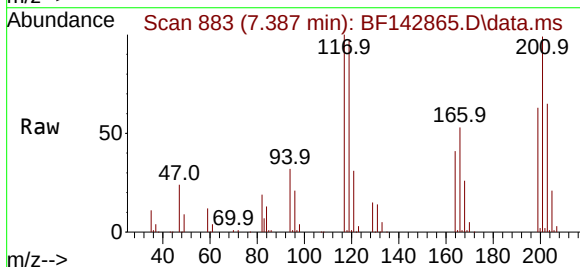
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

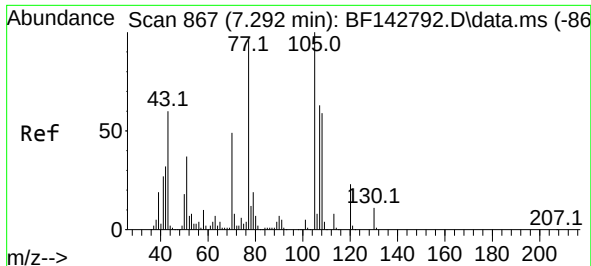
Tgt Ion:	107	Resp:	182347
Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	49.9	37.3	55.9
79	48.6	37.2	55.8



#18
Hexachloroethane
Concen: 44.046 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:	117	Resp:	91357
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.4	113.0
201	98.9	75.9	113.9

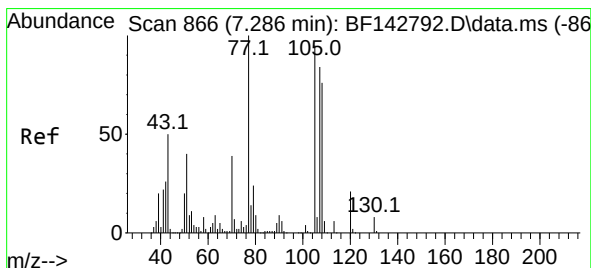
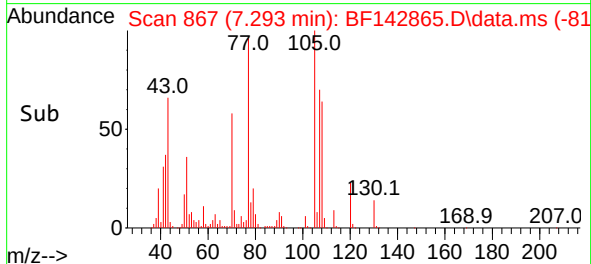
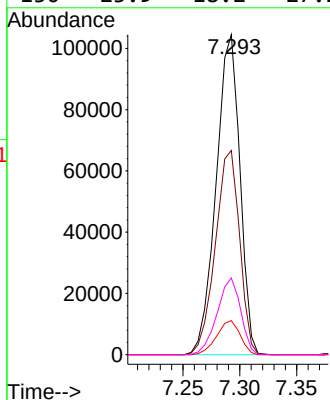
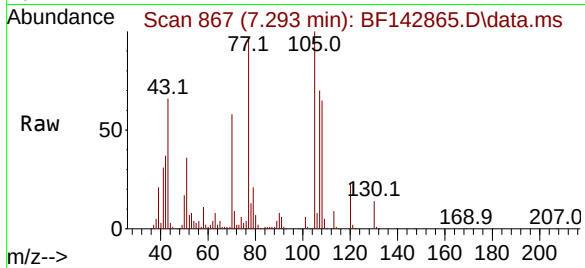




#19
n-Nitroso-di-n-propylamine
Concen: 45.536 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

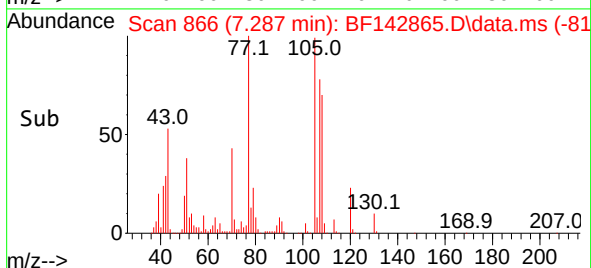
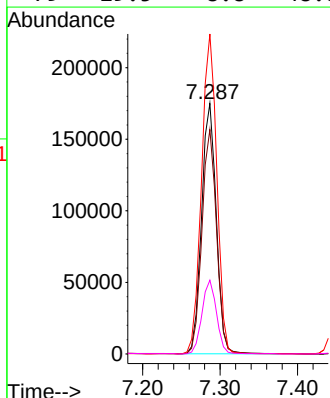
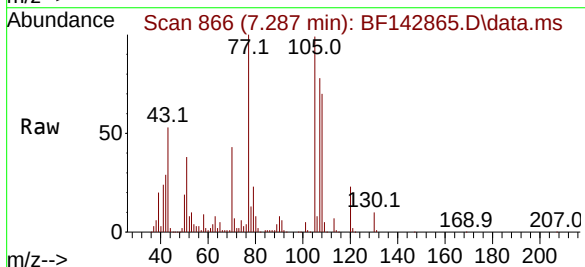
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

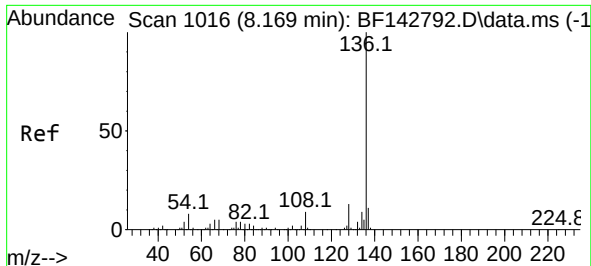
Tgt Ion: 70 Resp: 152223
Ion Ratio Lower Upper
70 100
42 63.8 52.1 78.1
101 10.7 8.2 12.2
130 23.9 18.2 27.2



#20
3+4-Methylphenols
Concen: 46.294 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:107 Resp: 229872
Ion Ratio Lower Upper
107 100
108 89.6 70.0 110.0
77 127.7 98.5 138.5
79 29.5 8.8 48.8

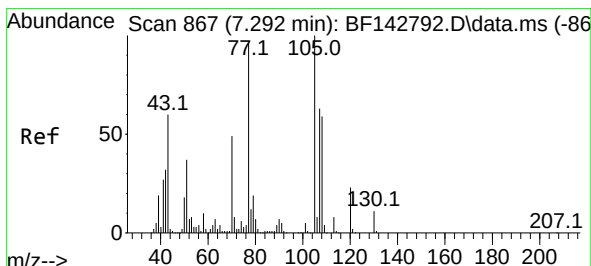
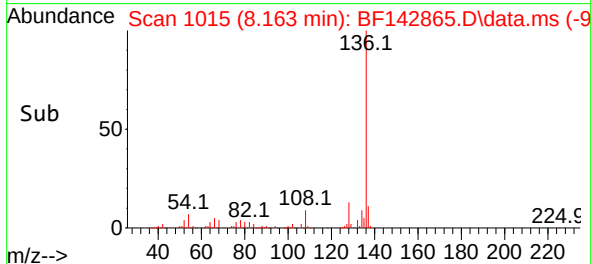
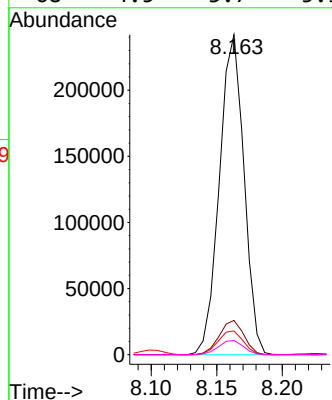
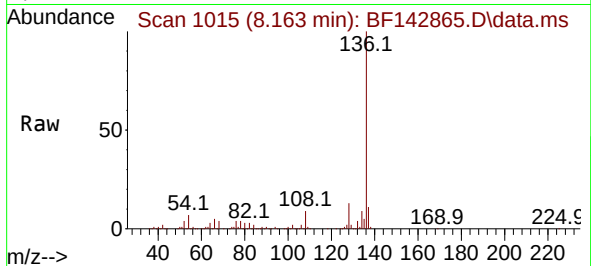




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

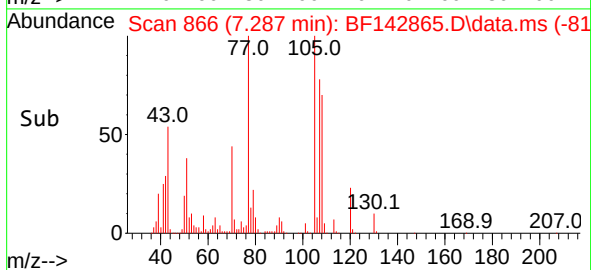
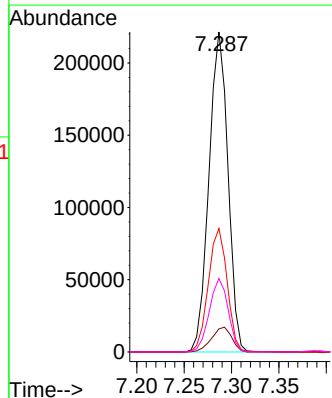
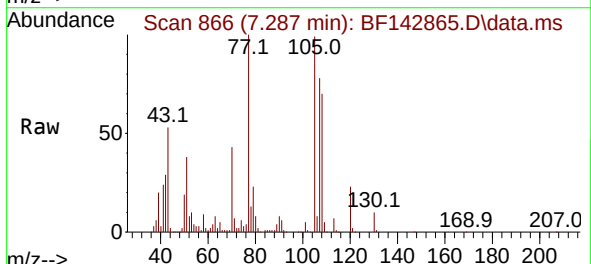
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

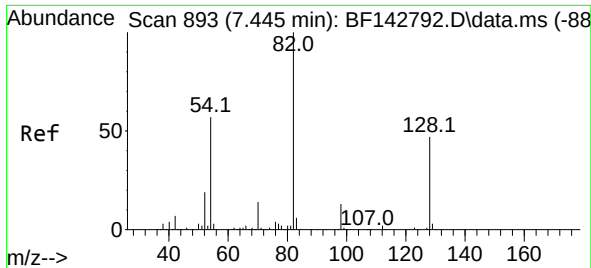
Tgt Ion:136 Resp: 315008
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.4 6.3 9.5
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 44.389 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:105 Resp: 308351
Ion Ratio Lower Upper
105 100
71 7.2 6.5 9.7
51 38.6 29.8 44.8
120 23.0 18.2 27.2





#23

Nitrobenzene-d5

Concen: 57.473 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.005 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

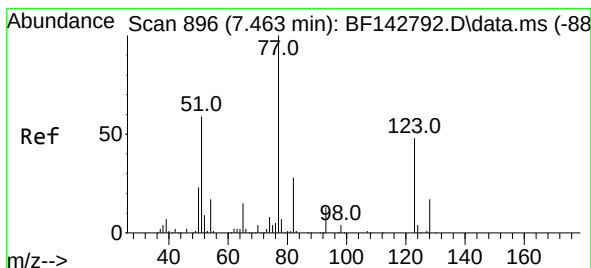
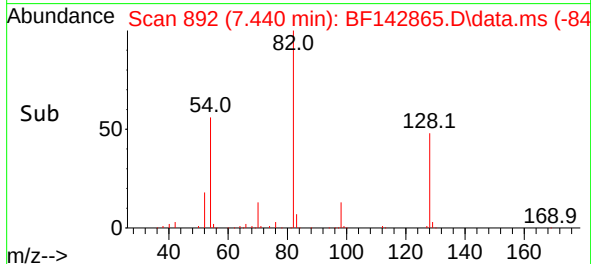
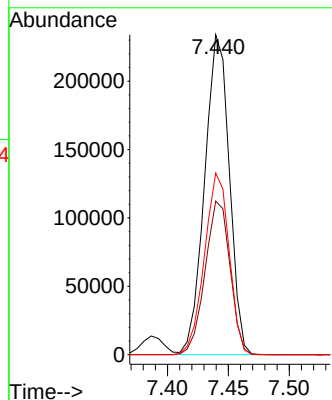
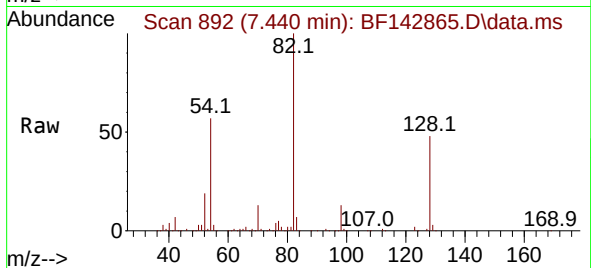
Tgt Ion: 82 Resp: 330069

Ion Ratio Lower Upper

82 100

128 48.0 37.7 56.5

54 56.7 45.7 68.5



#24

Nitrobenzene

Concen: 44.064 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

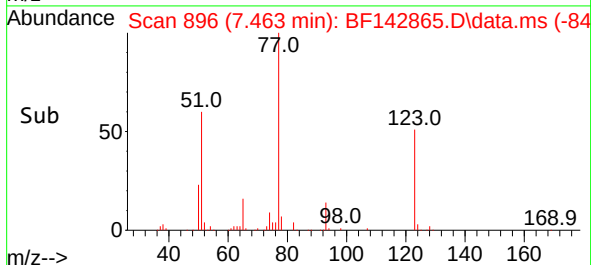
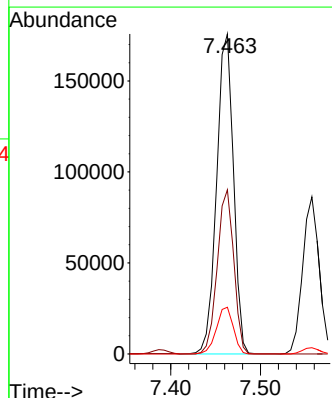
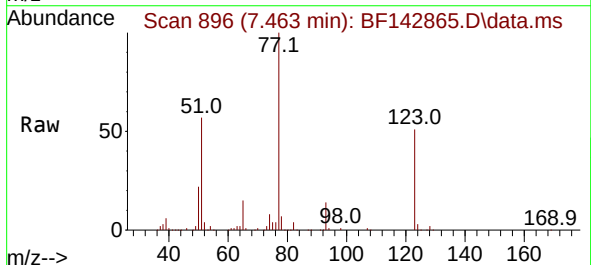
Tgt Ion: 77 Resp: 229043

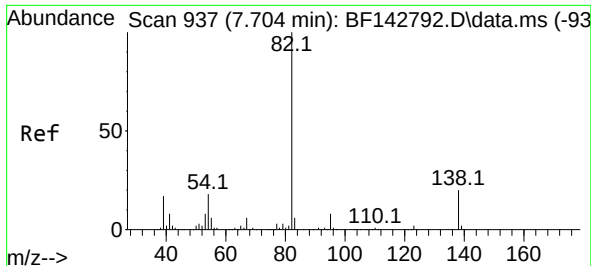
Ion Ratio Lower Upper

77 100

123 51.3 39.2 58.8

65 14.6 11.6 17.4

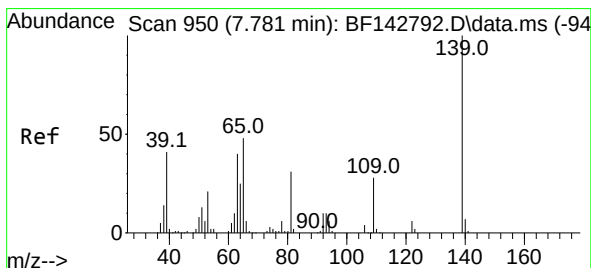
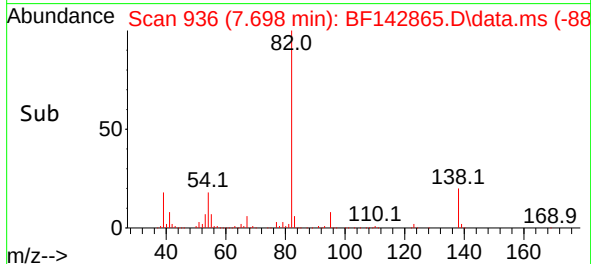
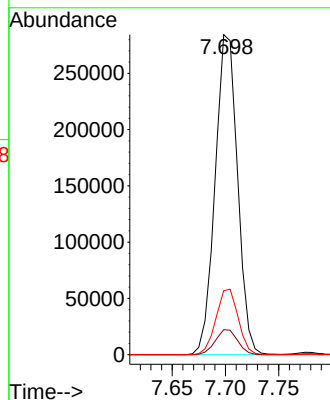
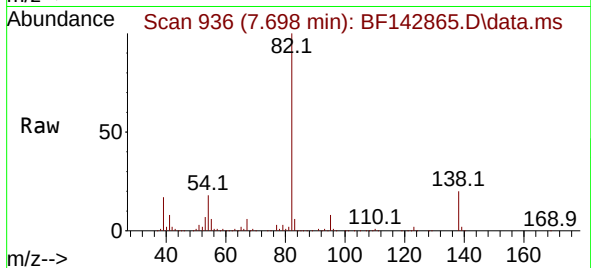




#25
Isophorone
Concen: 45.088 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

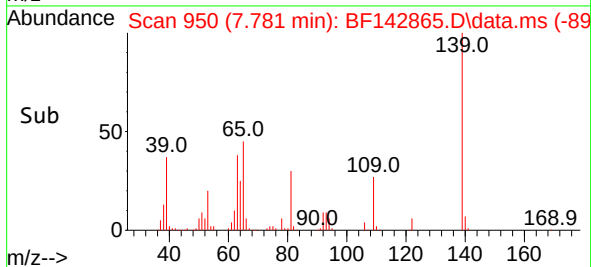
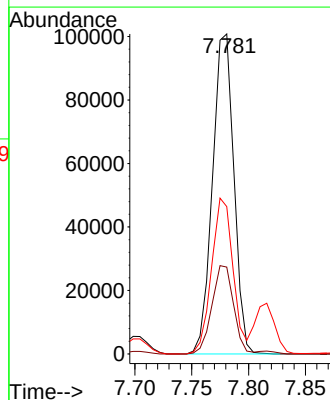
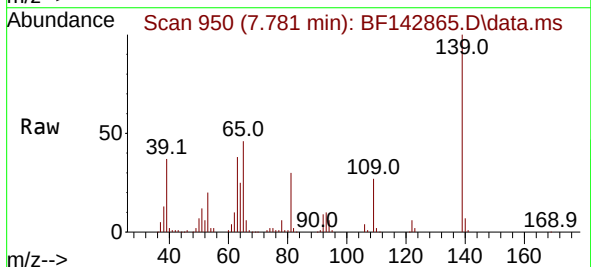
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

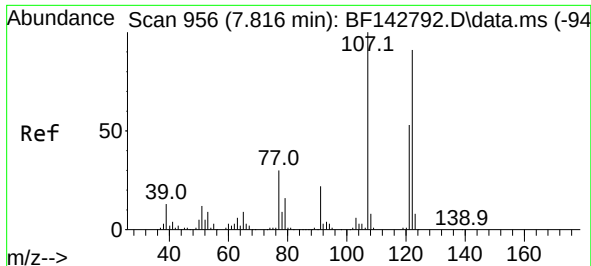
Tgt Ion: 82 Resp: 415380
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.0 16.2 24.4



#26
2-Nitrophenol
Concen: 46.628 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:139 Resp: 132028
Ion Ratio Lower Upper
139 100
109 27.1 22.7 34.1
65 46.0 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 44.427 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

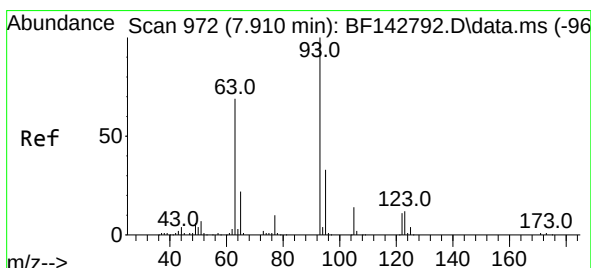
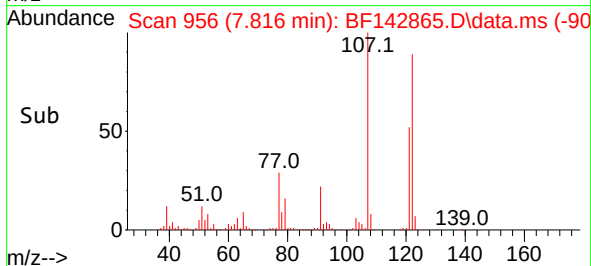
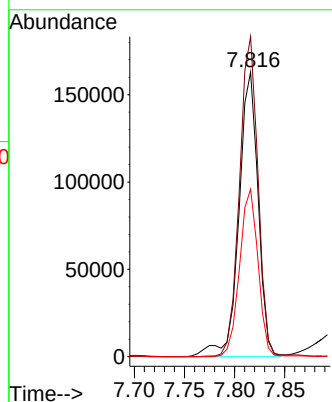
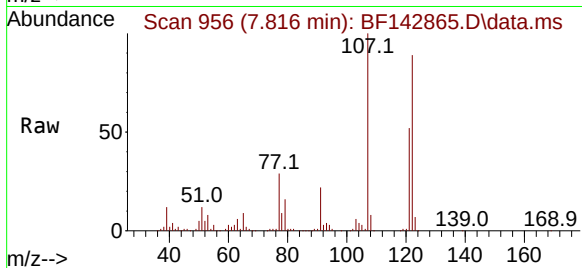
Tgt Ion:122 Resp: 217904

Ion Ratio Lower Upper

122 100

107 112.5 88.0 132.0

121 58.9 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.823 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

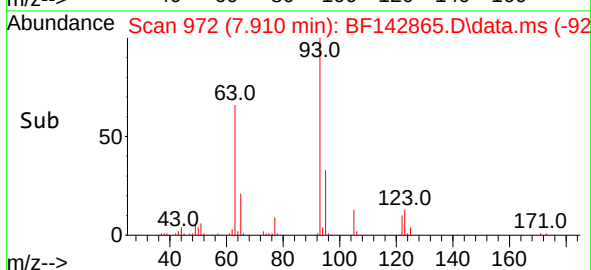
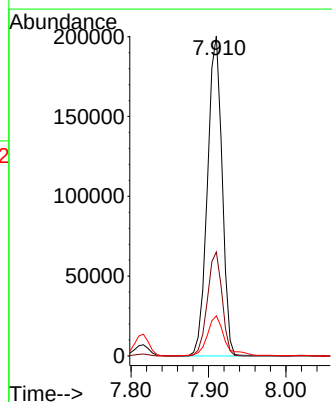
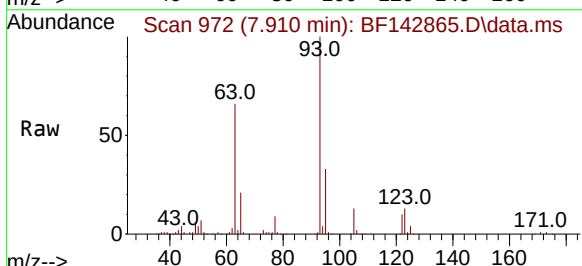
Tgt Ion: 93 Resp: 262525

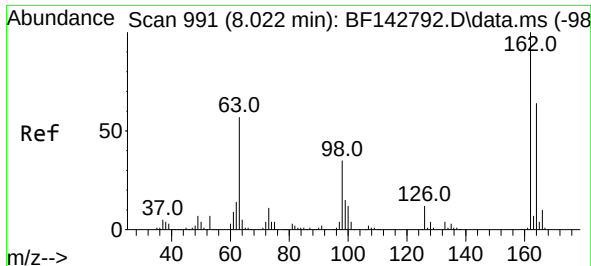
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.2

123 12.6 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 45.450 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

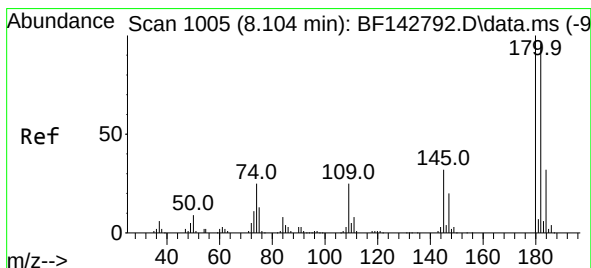
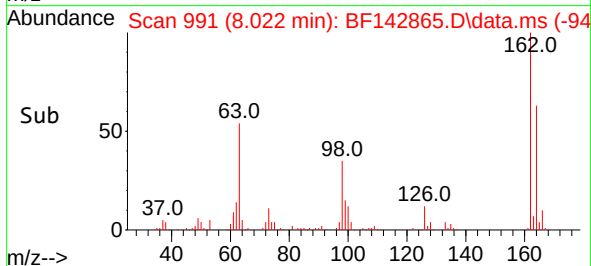
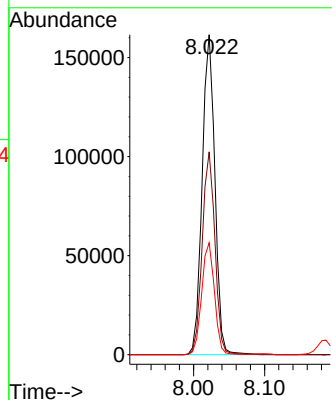
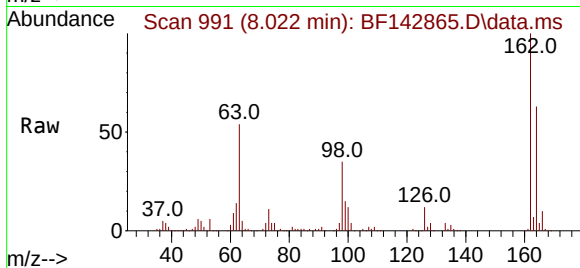
Tgt Ion:162 Resp: 202124

Ion Ratio Lower Upper

162 100

164 63.4 44.0 84.0

98 35.0 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.085 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

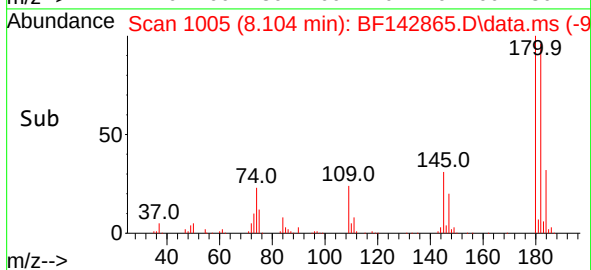
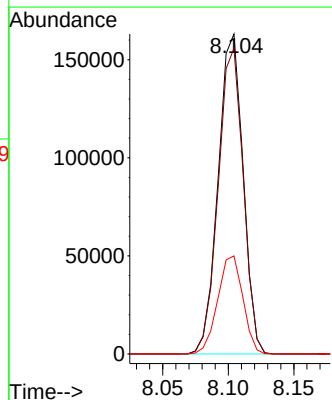
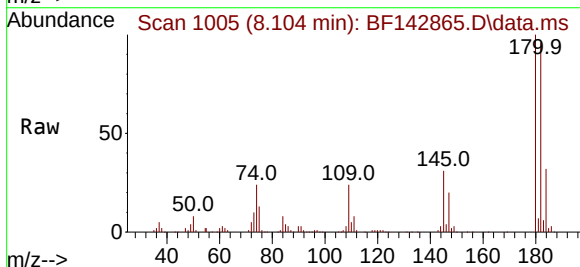
Tgt Ion:180 Resp: 215585

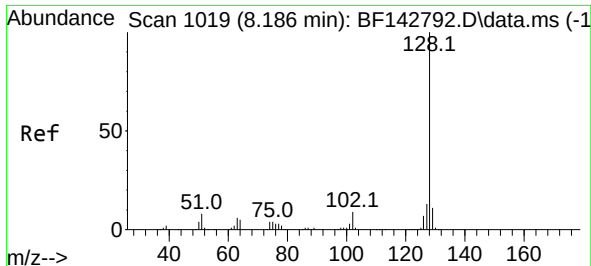
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 30.7 25.8 38.8

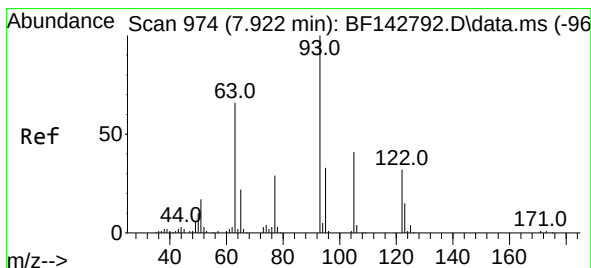
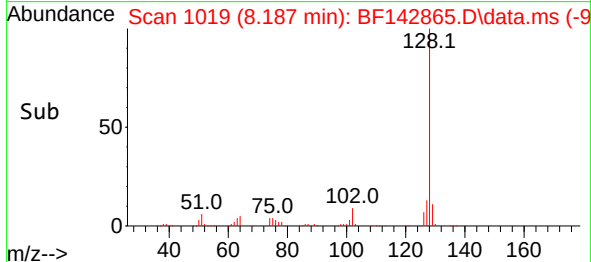
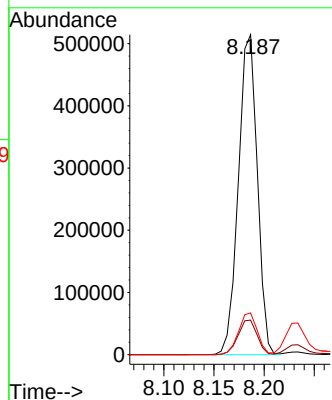
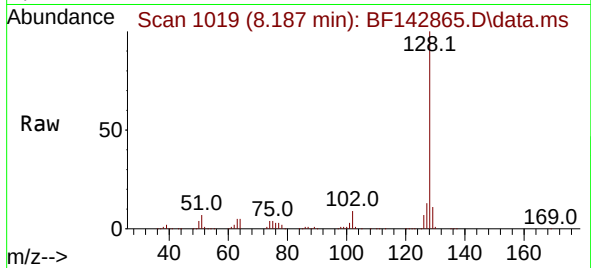




#31
Naphthalene
Concen: 43.932 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

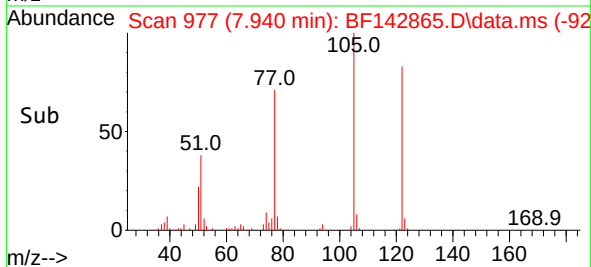
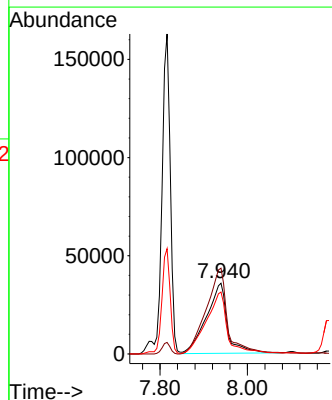
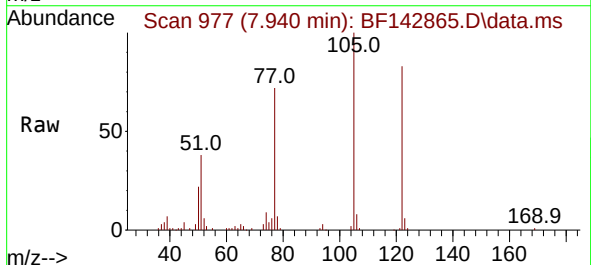
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

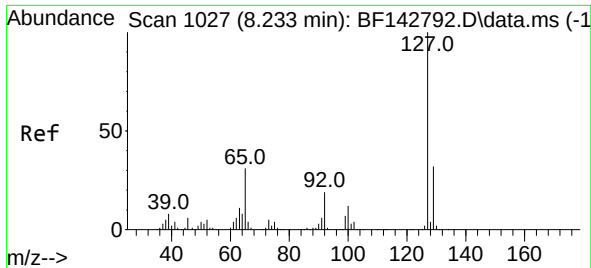
Tgt Ion:128 Resp: 677388
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 47.771 ng
RT: 7.940 min Scan# 977
Delta R.T. 0.018 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:122 Resp: 119422
Ion Ratio Lower Upper
122 100
105 121.1 104.7 144.7
77 87.5 70.2 110.2

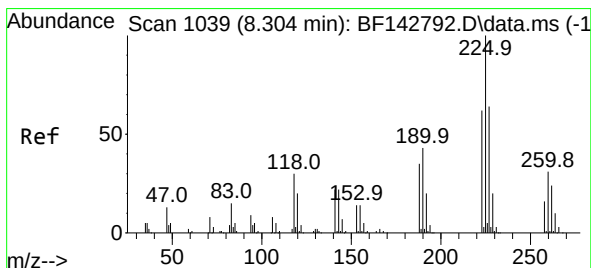
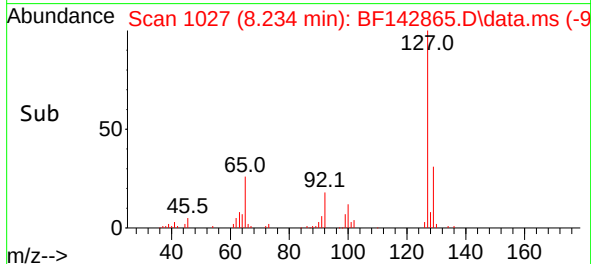
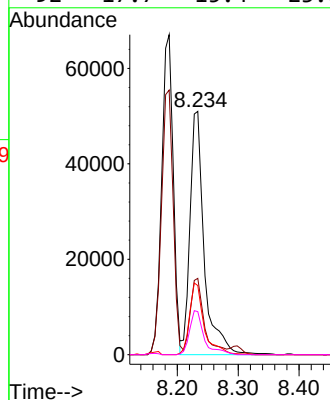
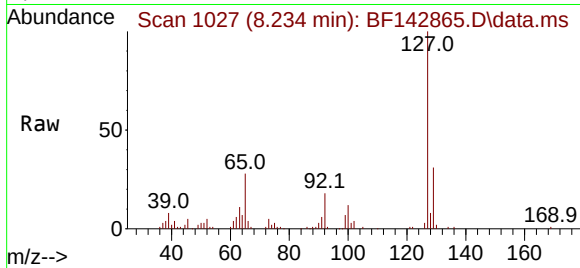




#33
4-Chloroaniline
Concen: 13.305 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

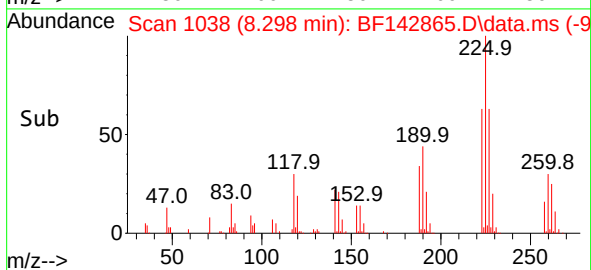
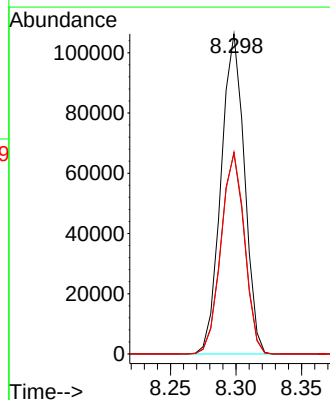
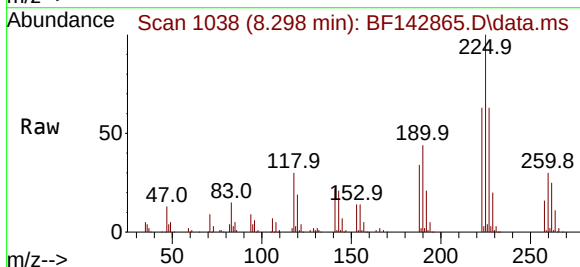
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

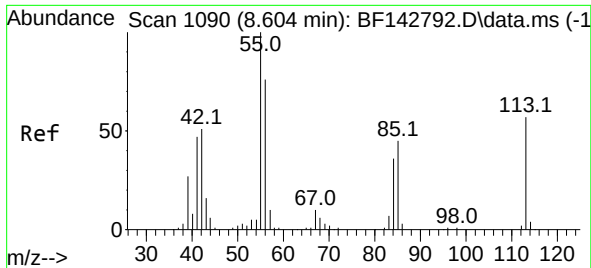
Tgt Ion:	127	Resp:	83417
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.9	38.9
65	28.4	24.6	36.8
92	17.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.075 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:	225	Resp:	131839
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	63.1	51.4	77.0

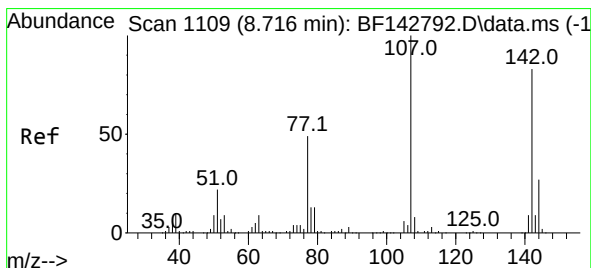
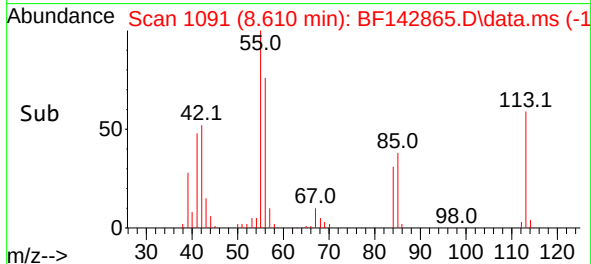
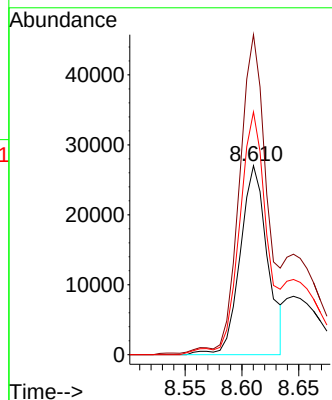
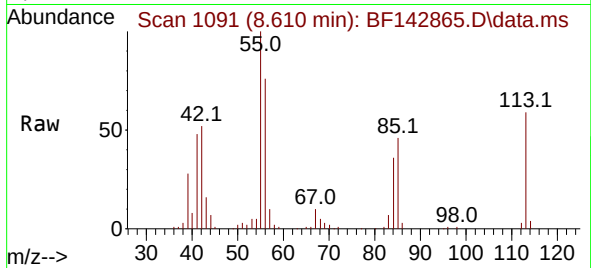




#35
Caprolactam
Concen: 38.478 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

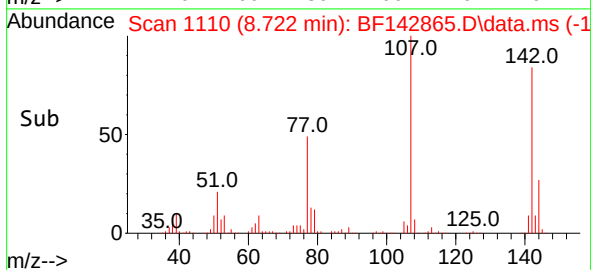
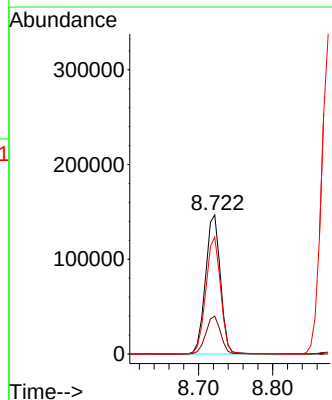
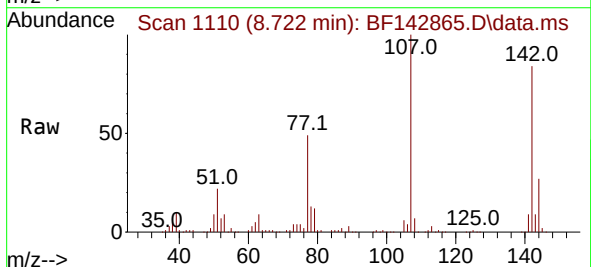
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

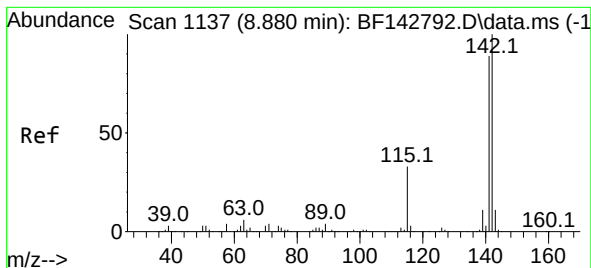
Tgt Ion:113 Resp: 45155
Ion Ratio Lower Upper
113 100
55 169.3 154.4 194.4
56 128.4 112.1 152.1



#36
4-Chloro-3-methylphenol
Concen: 46.502 ng
RT: 8.722 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:107 Resp: 205532
Ion Ratio Lower Upper
107 100
144 27.3 21.3 31.9
142 84.0 66.6 100.0





#37

2-Methylnaphthalene

Concen: 44.831 ng

RT: 8.875 min Scan# 1136

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

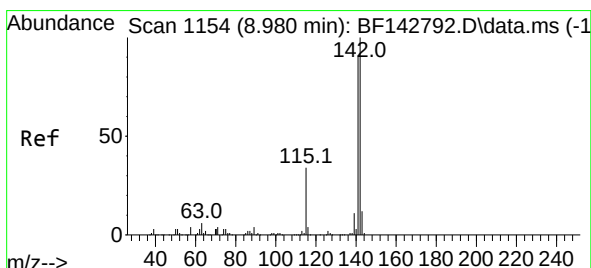
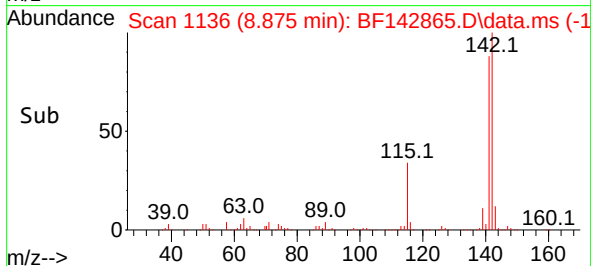
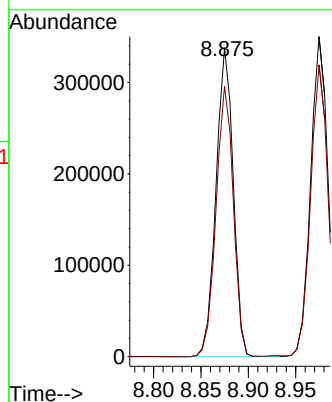
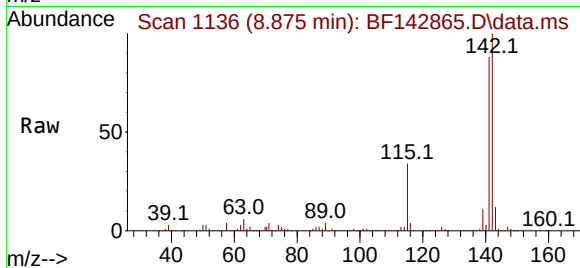
MH-M/HMSD

Tgt Ion:142 Resp: 428549

Ion Ratio Lower Upper

142 100

141 87.6 70.9 106.3



#38

1-Methylnaphthalene

Concen: 44.488 ng

RT: 8.975 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142865.D

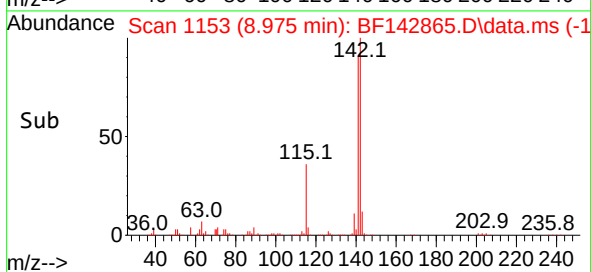
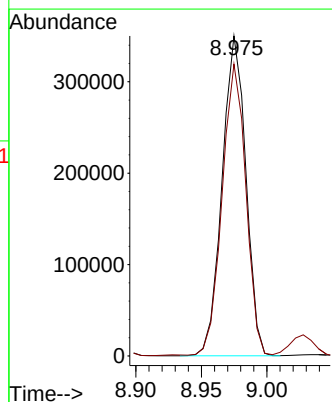
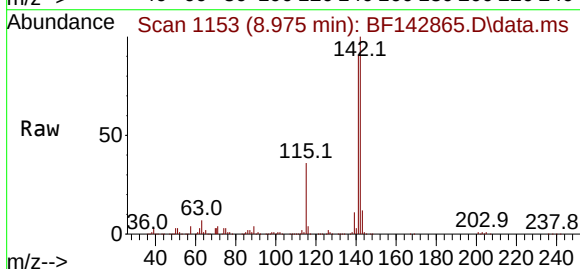
Acq: 26 Jun 2025 13:38

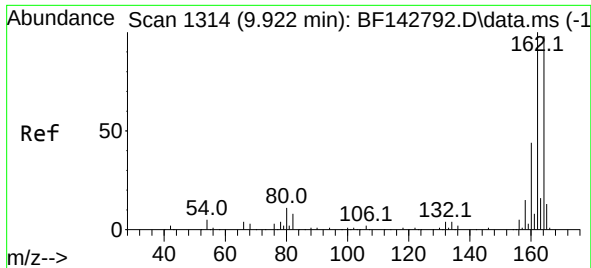
Tgt Ion:142 Resp: 440242

Ion Ratio Lower Upper

142 100

141 91.2 73.0 109.4

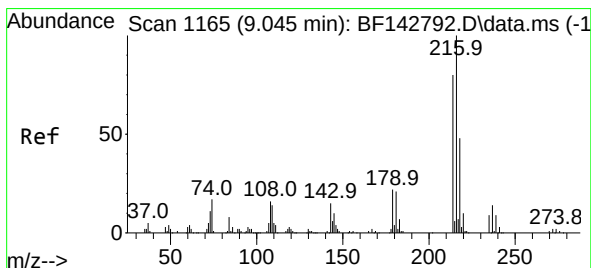
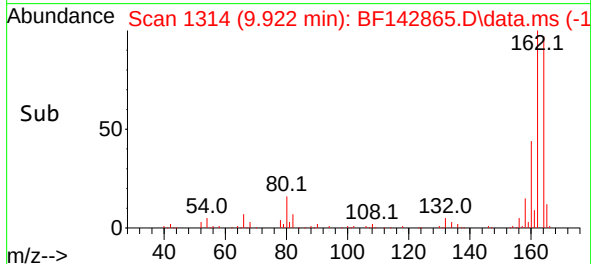
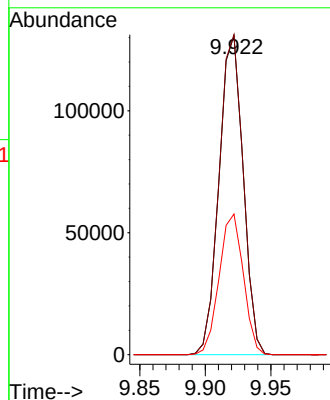
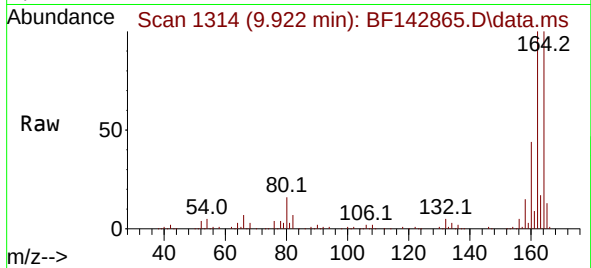




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

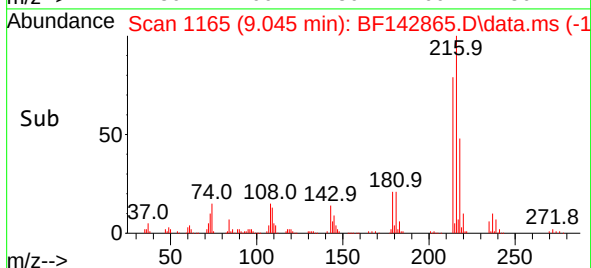
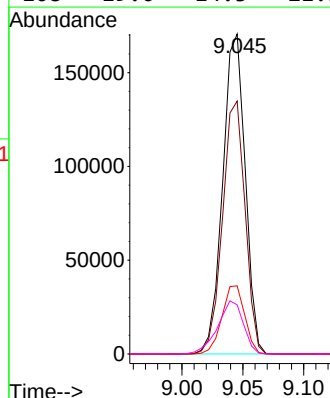
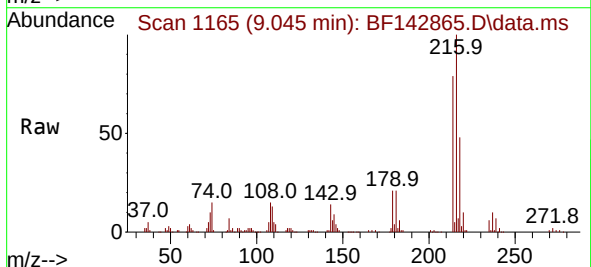
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

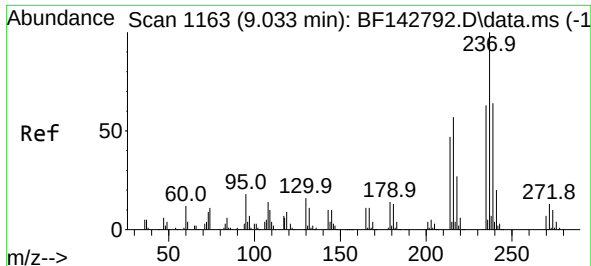
Tgt Ion:164 Resp: 166882
Ion Ratio Lower Upper
164 100
162 100.4 81.8 122.8
160 44.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.490 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:216 Resp: 219074
Ion Ratio Lower Upper
216 100
214 79.3 63.7 95.5
179 21.6 17.6 26.4
108 19.0 14.3 21.5

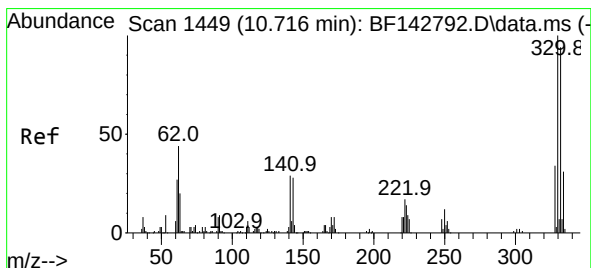
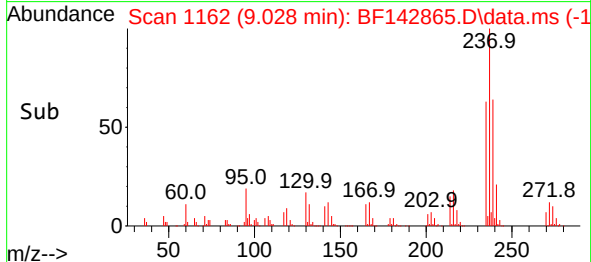
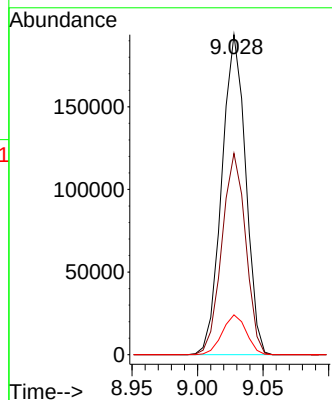
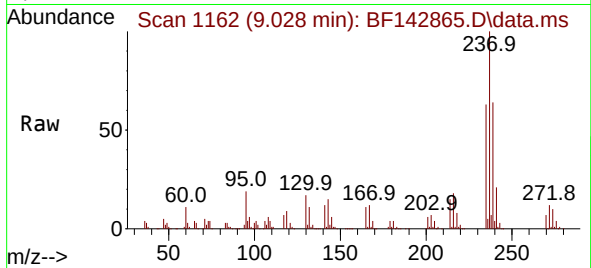




#41
Hexachlorocyclopentadiene
Concen: 87.566 ng
RT: 9.028 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

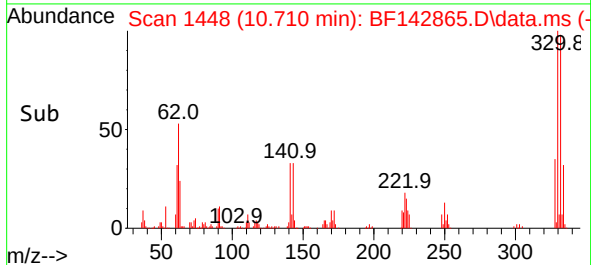
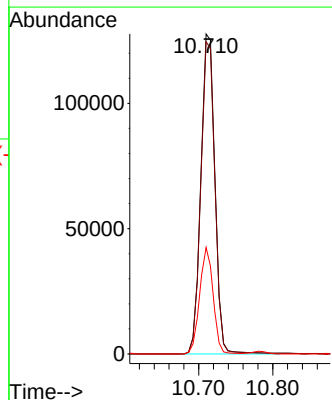
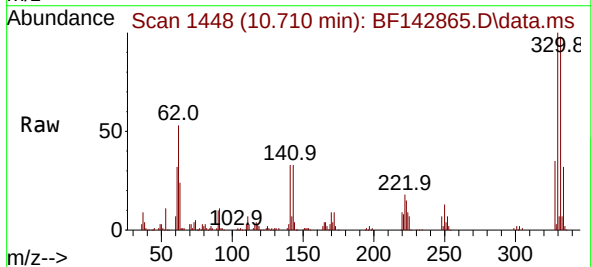
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

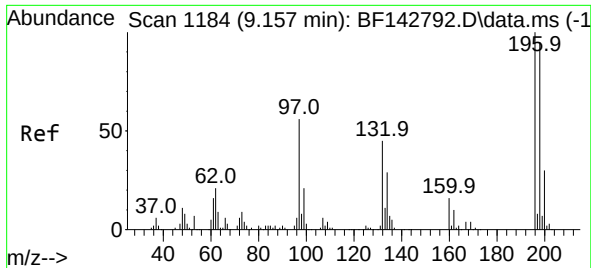
Tgt Ion:237 Resp: 244689
Ion Ratio Lower Upper
237 100
235 62.9 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 98.081 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:330 Resp: 168437
Ion Ratio Lower Upper
330 100
332 97.5 75.0 112.6
141 31.8 25.3 37.9

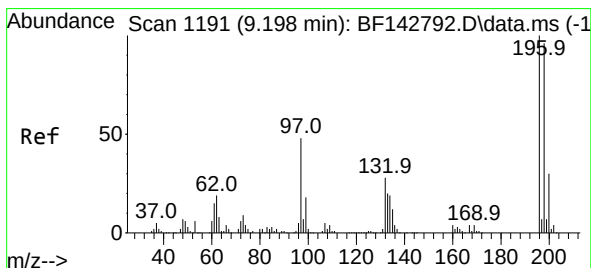
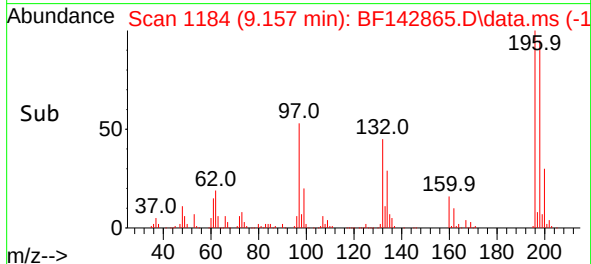
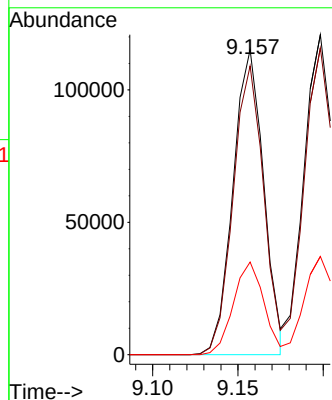
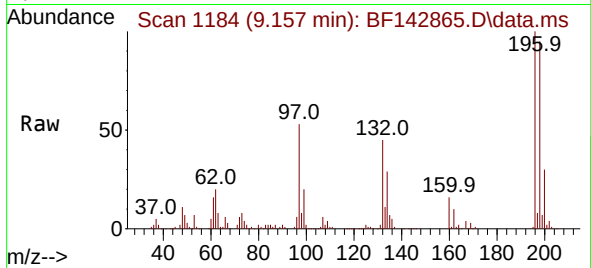




#43
2,4,6-Trichlorophenol
Concen: 44.817 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

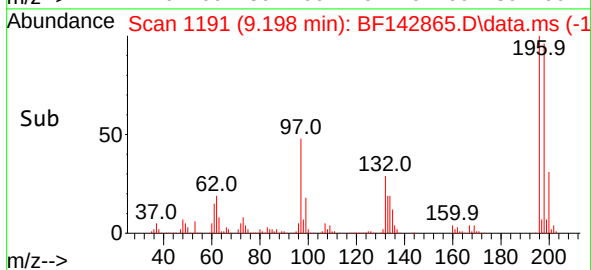
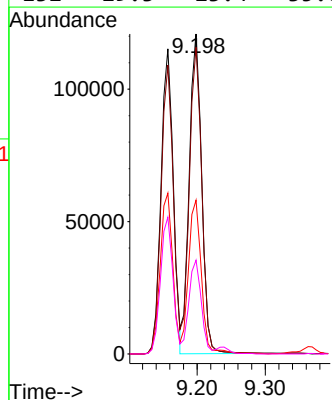
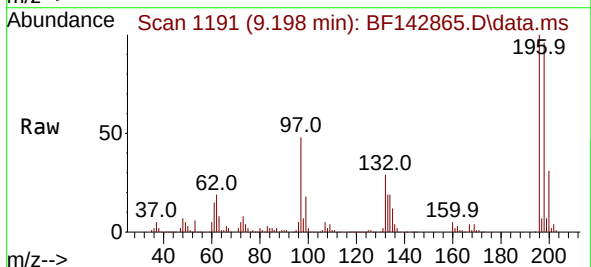
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

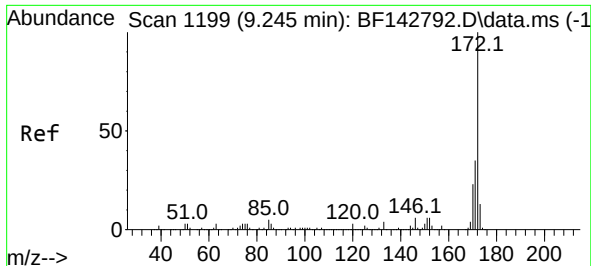
Tgt Ion:196 Resp: 143804
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.3 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 45.129 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:196 Resp: 152433
Ion Ratio Lower Upper
196 100
198 95.8 76.6 115.0
97 48.0 38.2 57.2
132 29.3 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 55.129 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

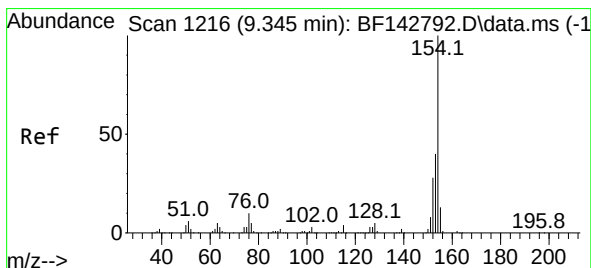
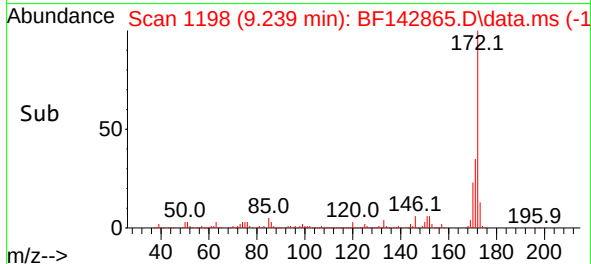
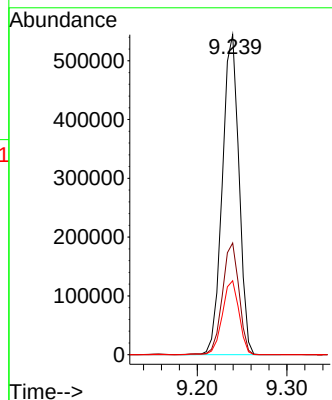
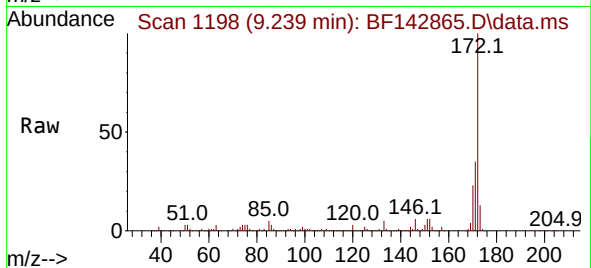
Tgt Ion:172 Resp: 700333

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 23.1 18.5 27.7



#46

1,1'-Biphenyl

Concen: 44.488 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

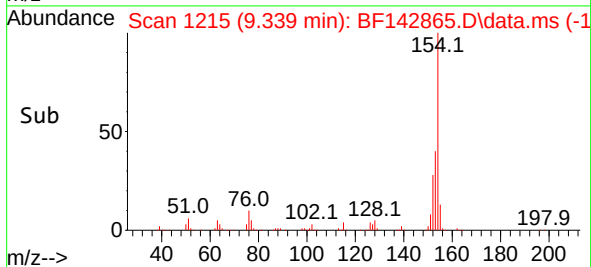
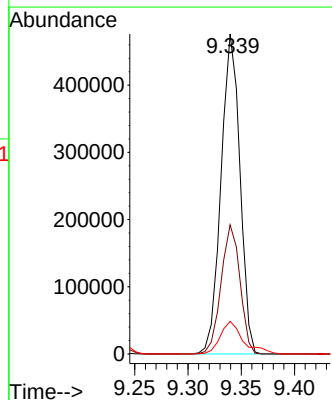
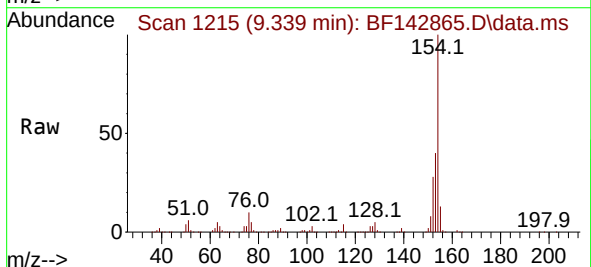
Tgt Ion:154 Resp: 586473

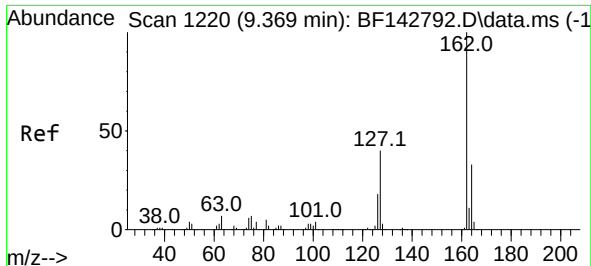
Ion Ratio Lower Upper

154 100

153 40.3 20.3 60.3

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.155 ng

RT: 9.369 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

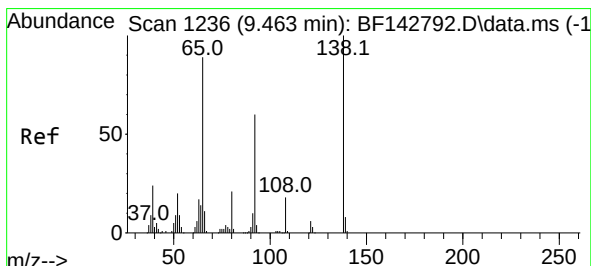
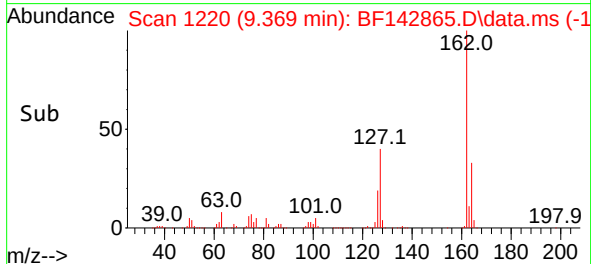
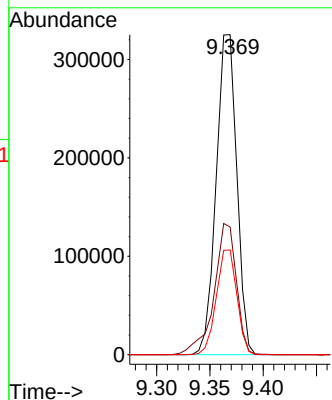
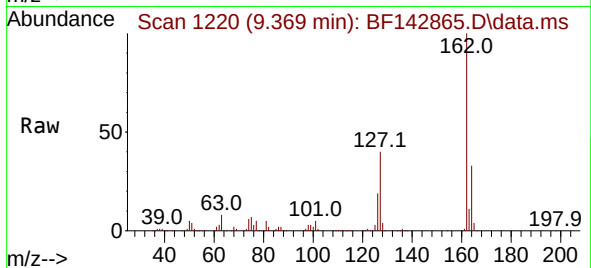
Tgt Ion:162 Resp: 436814

Ion Ratio Lower Upper

162 100

127 39.9 32.2 48.2

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 46.838 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

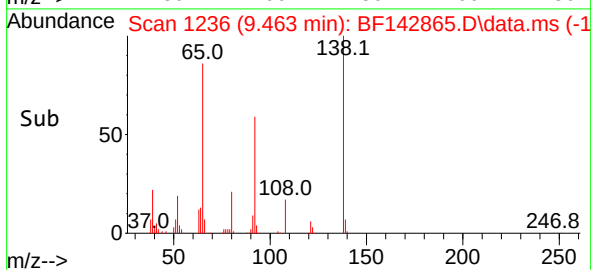
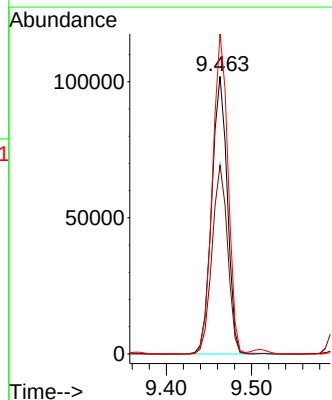
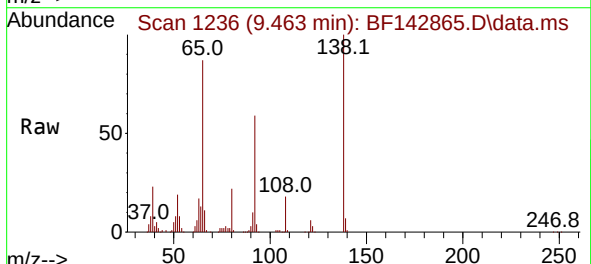
Tgt Ion: 65 Resp: 129904

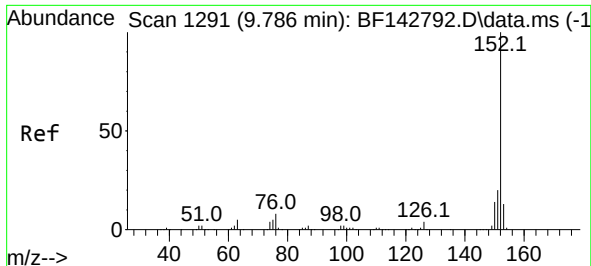
Ion Ratio Lower Upper

65 100

92 67.9 53.8 80.6

138 115.3 89.6 134.4

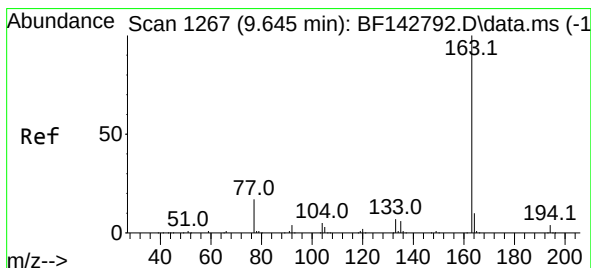
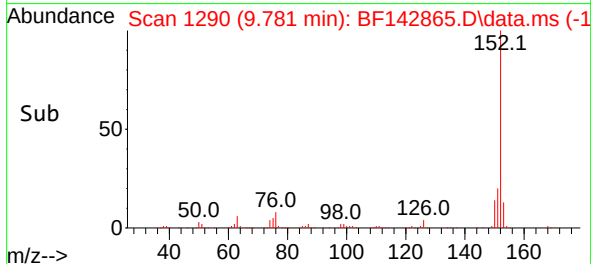
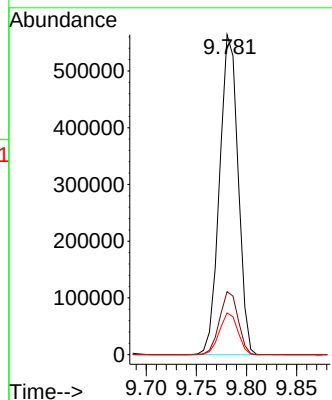
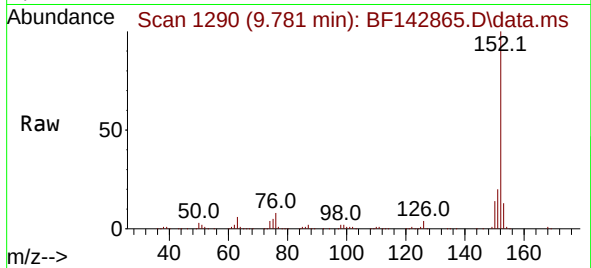




#49
Acenaphthylene
Concen: 44.424 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

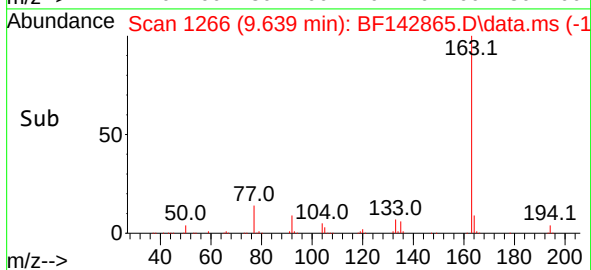
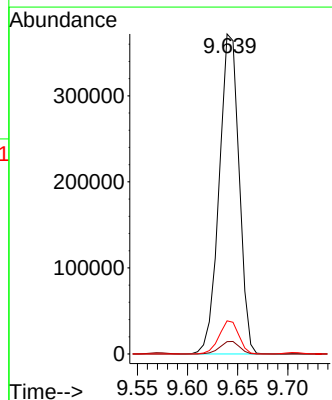
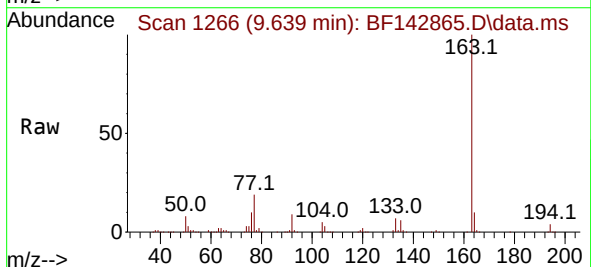
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

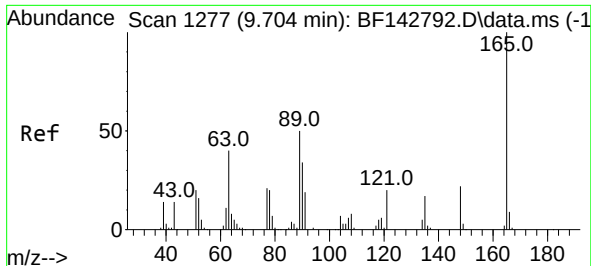
Tgt Ion:152 Resp: 723474
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 47.337 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:163 Resp: 511351
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 8.0 12.0

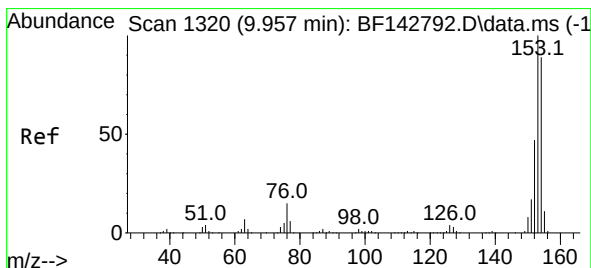
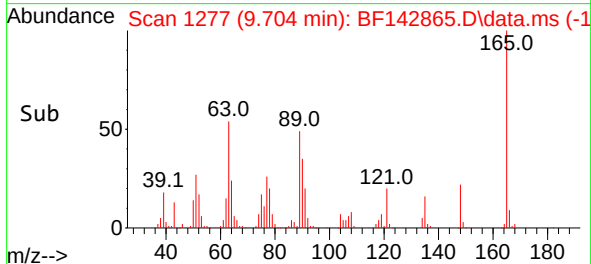
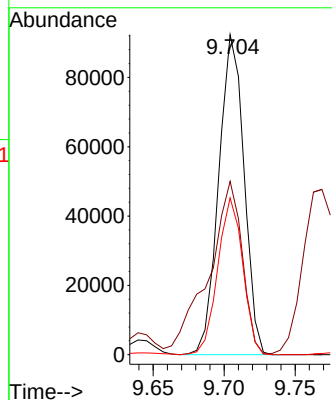
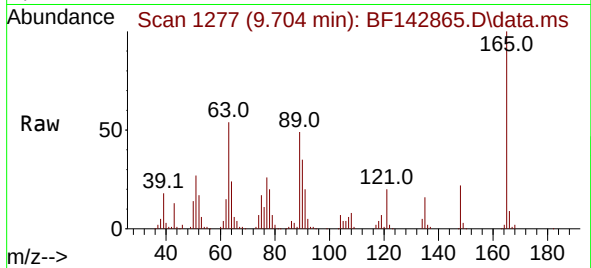




#51
2,6-Dinitrotoluene
Concen: 48.247 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

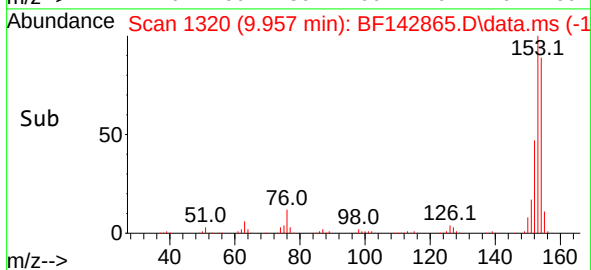
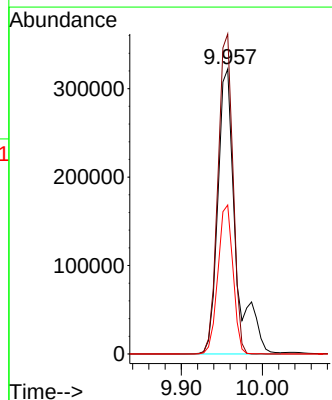
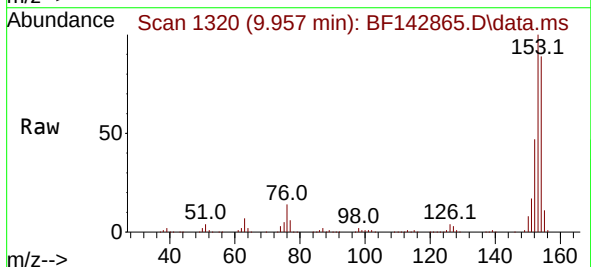
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

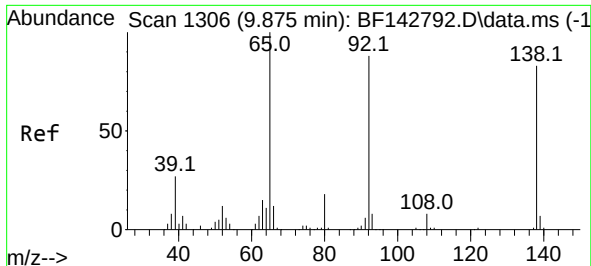
Tgt Ion:165 Resp: 114457
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.4
89 49.0 39.8 59.8



#52
Acenaphthene
Concen: 49.600 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:154 Resp: 492832
Ion Ratio Lower Upper
154 100
153 112.3 90.0 135.0
152 52.3 41.9 62.9

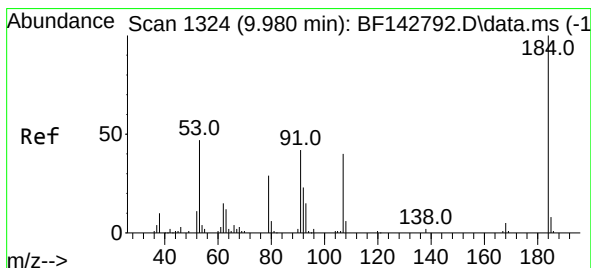
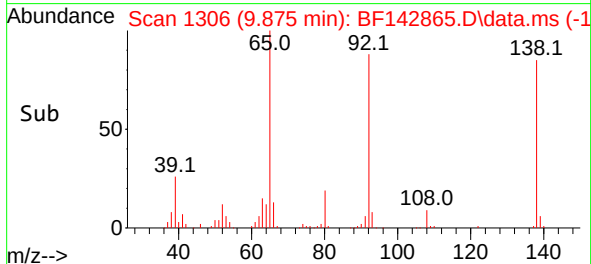
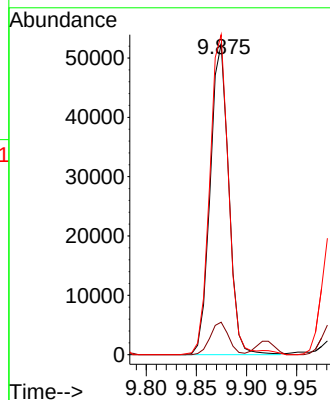
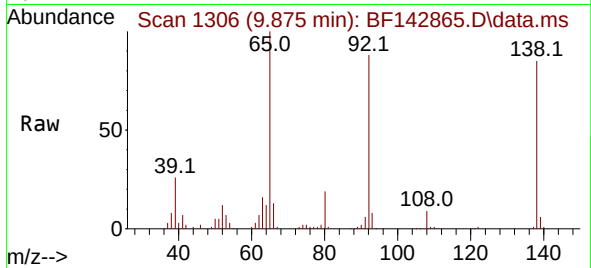




#53
3-Nitroaniline
Concen: 25.771 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

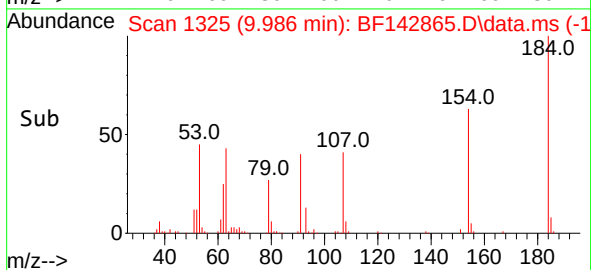
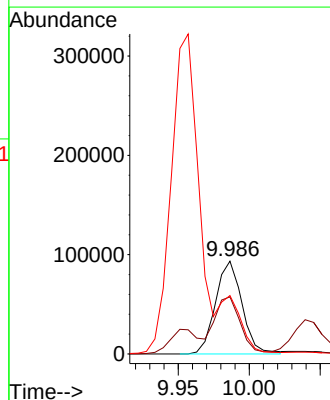
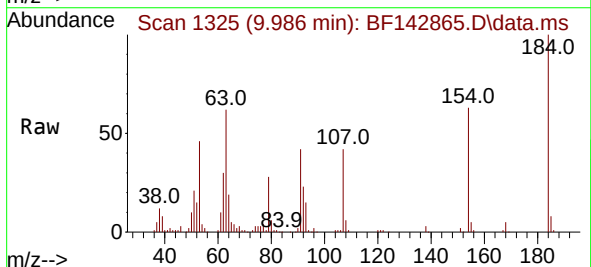
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

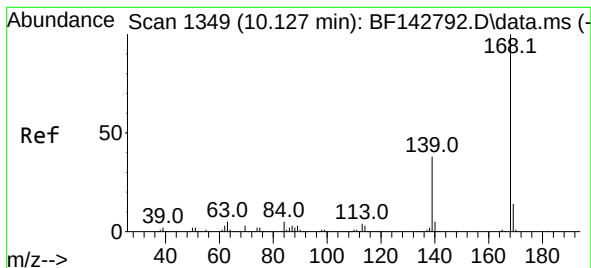
Tgt Ion:138 Resp: 67312
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 102.9 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 102.199 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:184 Resp: 121397
Ion Ratio Lower Upper
184 100
63 61.6 50.6 75.8
154 63.0 51.8 77.8





#55

Dibenzofuran

Concen: 44.034 ng

RT: 10.128 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

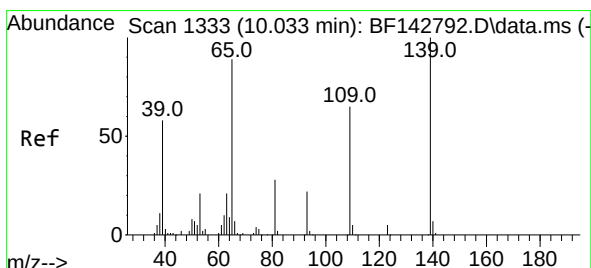
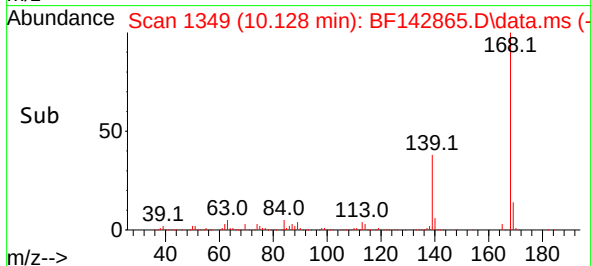
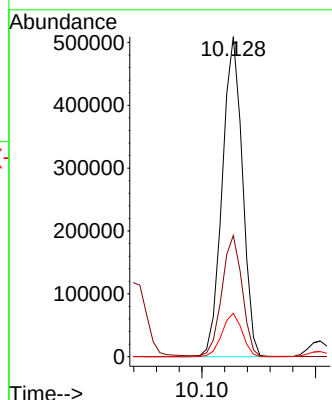
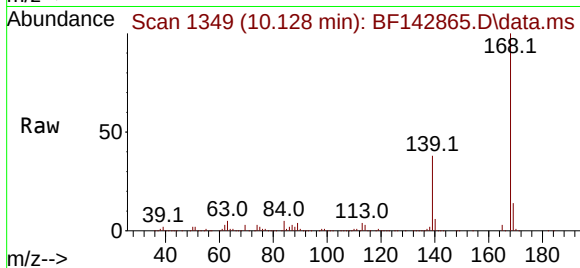
Tgt Ion:168 Resp: 627409

Ion Ratio Lower Upper

168 100

139 37.9 30.2 45.4

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 93.227 ng

RT: 10.039 min Scan# 1334

Delta R.T. 0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

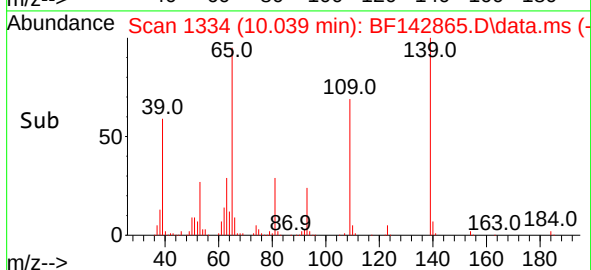
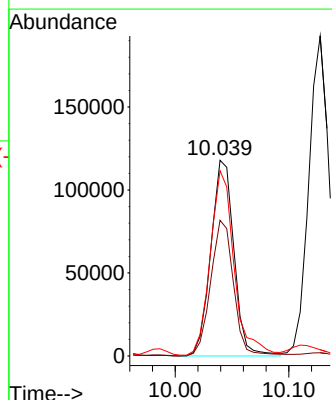
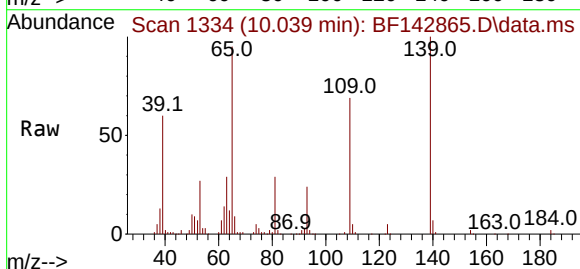
Tgt Ion:139 Resp: 166701

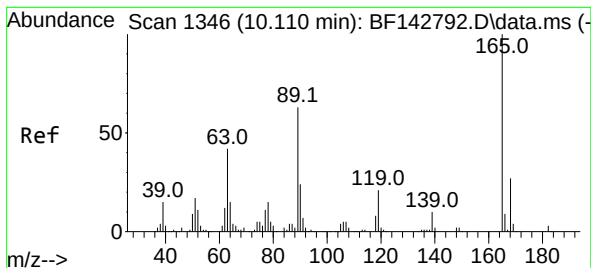
Ion Ratio Lower Upper

139 100

109 69.3 44.7 84.7

65 94.7 69.8 109.8

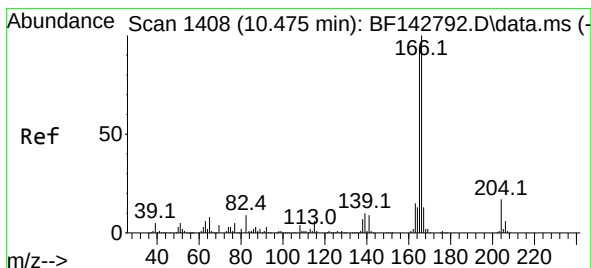
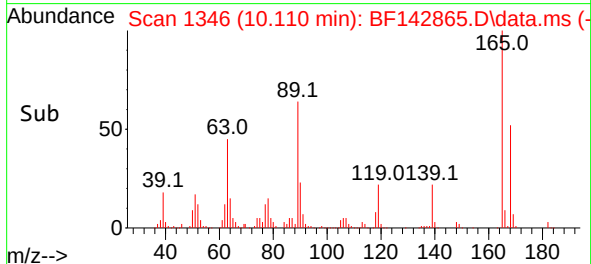
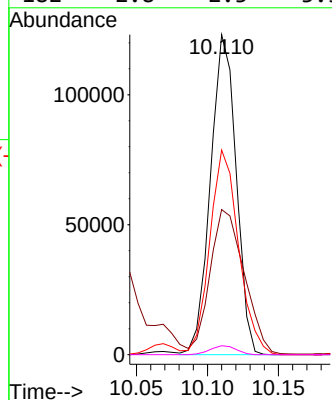
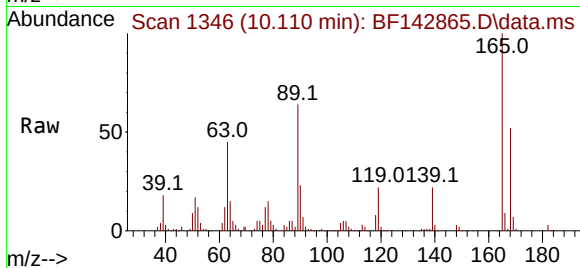




#57
2,4-Dinitrotoluene
Concen: 49.171 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

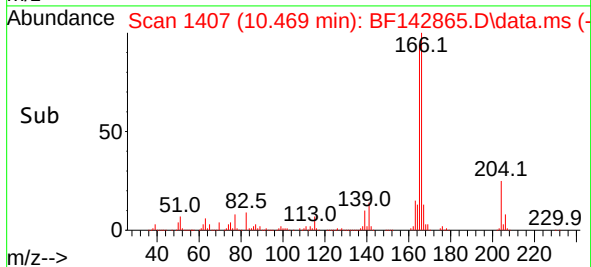
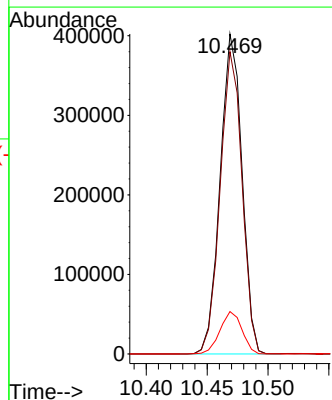
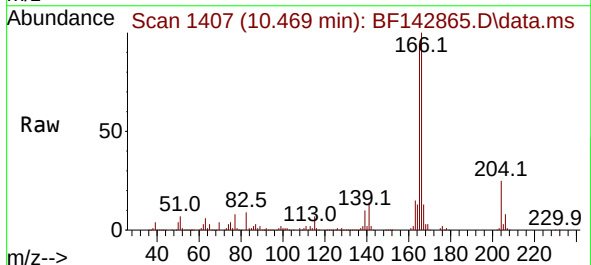
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

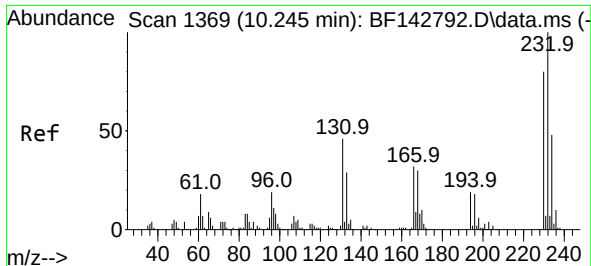
Tgt Ion:165 Resp: 154943
Ion Ratio Lower Upper
165 100
63 45.4 33.9 50.9
89 63.9 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 45.266 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

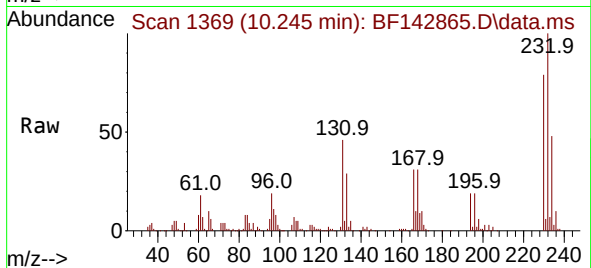
Tgt Ion:166 Resp: 503703
Ion Ratio Lower Upper
166 100
165 94.5 75.2 112.8
167 13.3 10.6 15.8



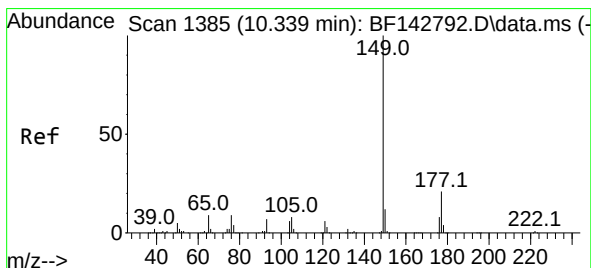
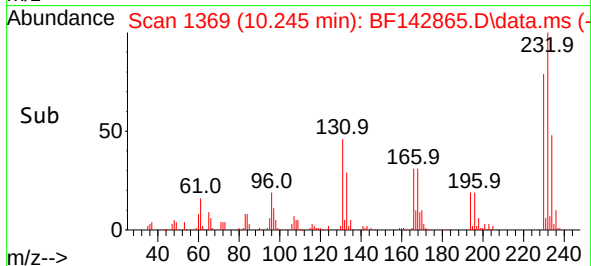
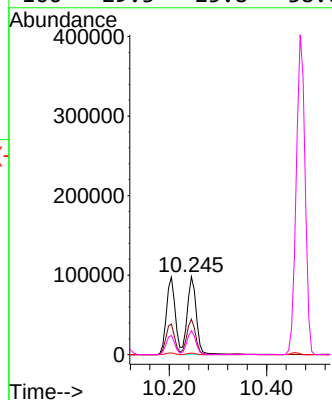


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.769 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

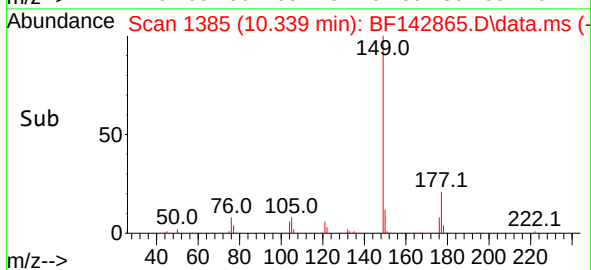
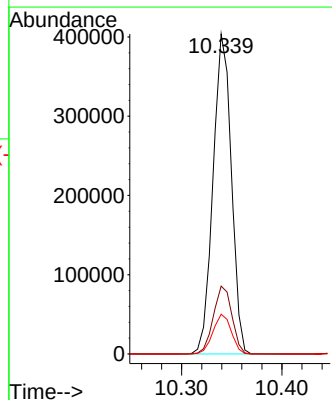
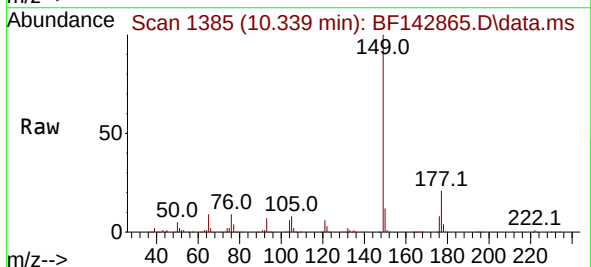


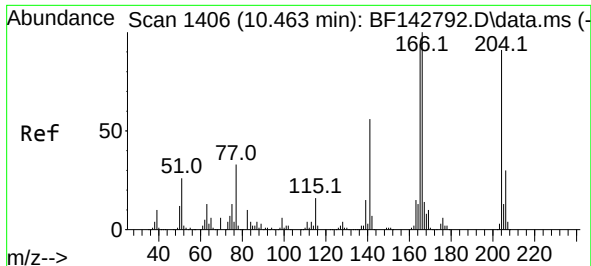
Tgt Ion:232 Resp: 127334
Ion Ratio Lower Upper
232 100
131 44.5 37.6 56.4
130 2.0 1.7 2.5
166 29.3 25.8 38.6



#60
Diethylphthalate
Concen: 48.226 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:149 Resp: 510786
Ion Ratio Lower Upper
149 100
177 21.2 17.0 25.6
150 12.4 9.8 14.6

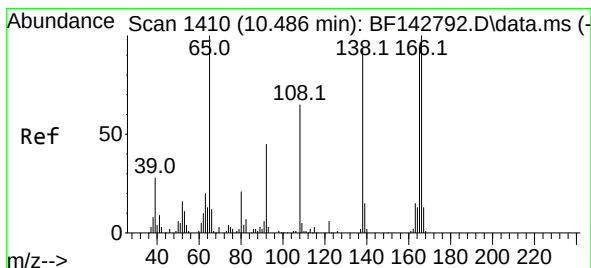
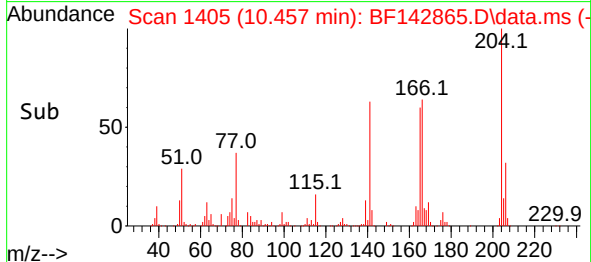
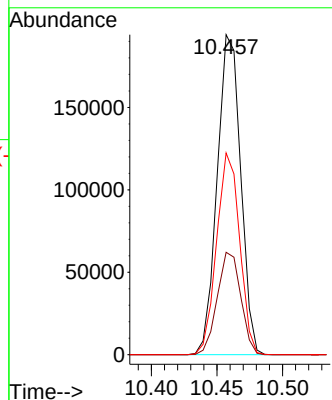
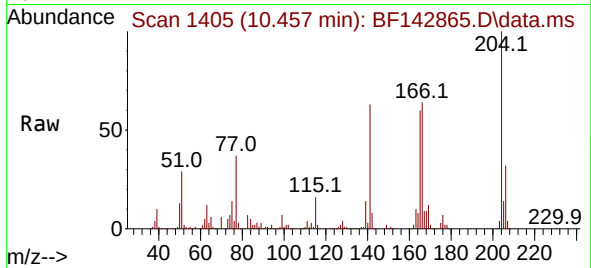




#61
4-Chlorophenyl-phenylether
Concen: 45.491 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

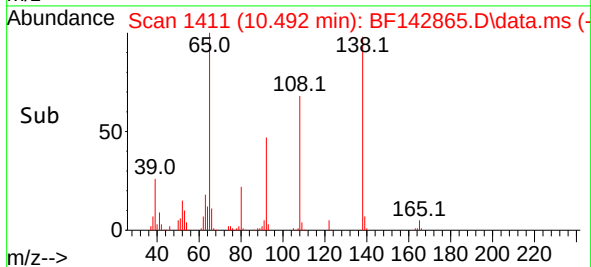
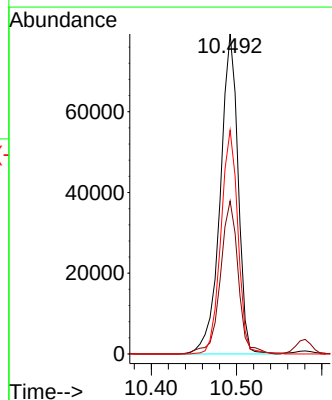
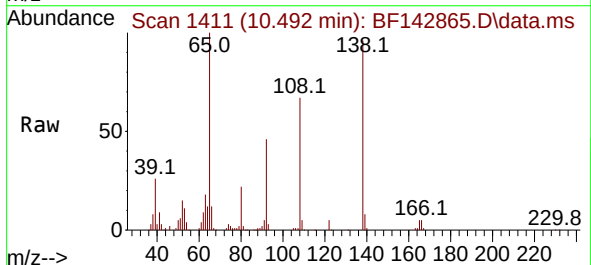
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

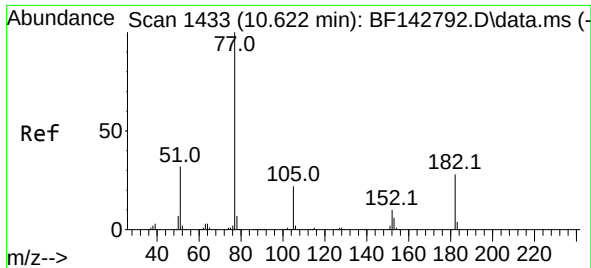
Tgt Ion:204 Resp: 241553
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 63.1 49.1 73.7



#62
4-Nitroaniline
Concen: 48.190 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:138 Resp: 115115
Ion Ratio Lower Upper
138 100
92 47.8 28.4 68.4
108 69.9 50.2 90.2

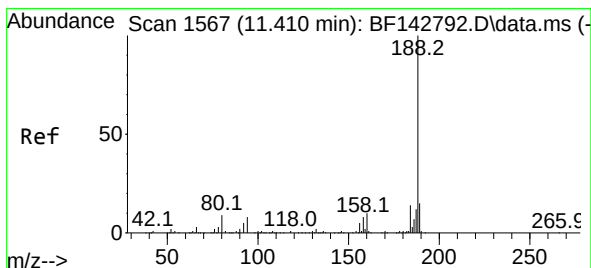
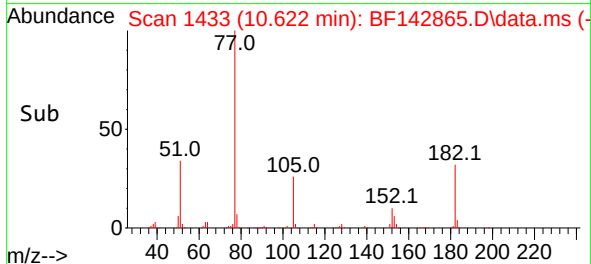
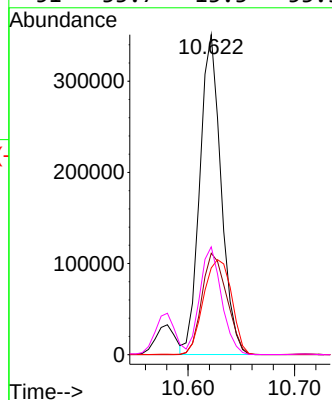
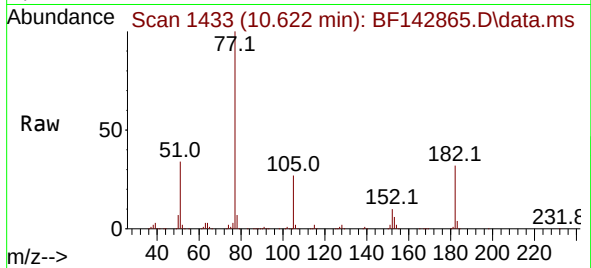




#63
Azobenzene
Concen: 51.443 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

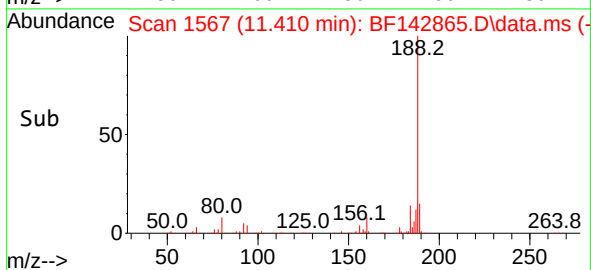
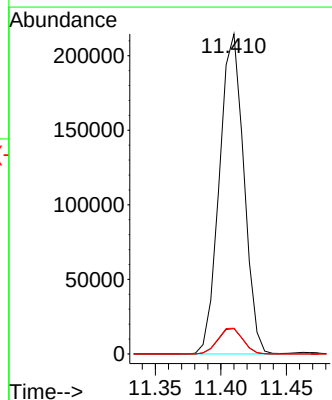
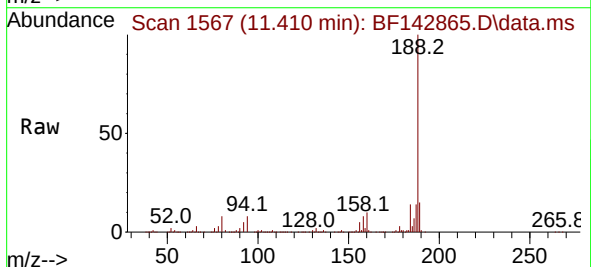
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

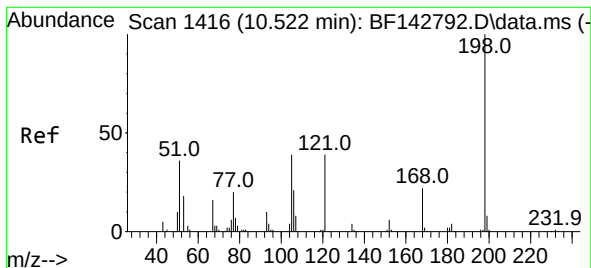
Tgt Ion:	77	Resp:	486973
Ion	Ratio	Lower	Upper
77	100		
182	31.7	7.7	47.7
105	27.1	1.9	41.9
51	33.7	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:	188	Resp:	277852
Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	8.1	6.9	10.3

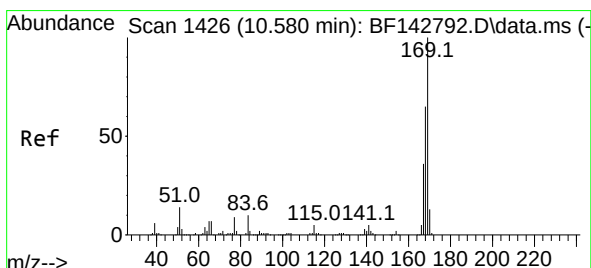
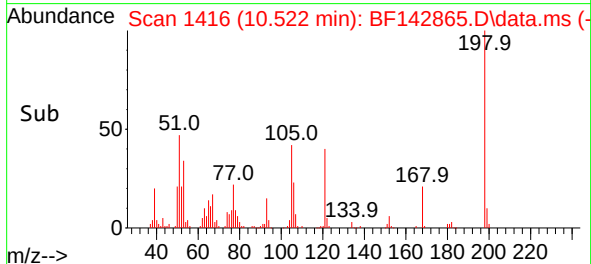
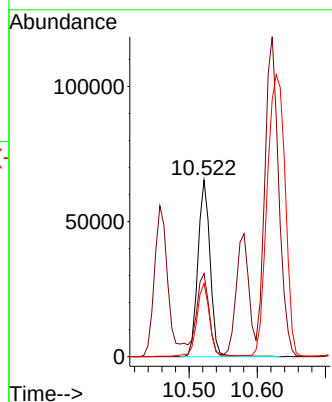
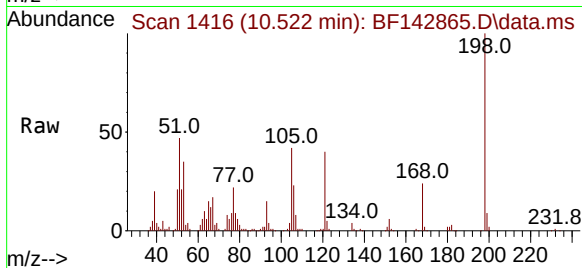




#65
4,6-Dinitro-2-methylphenol
Concen: 48.473 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

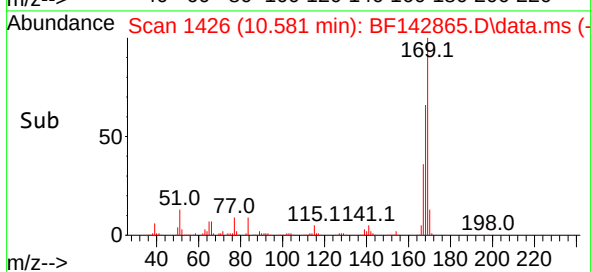
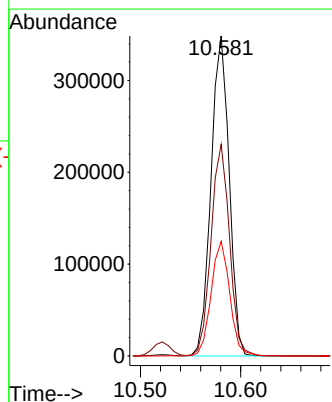
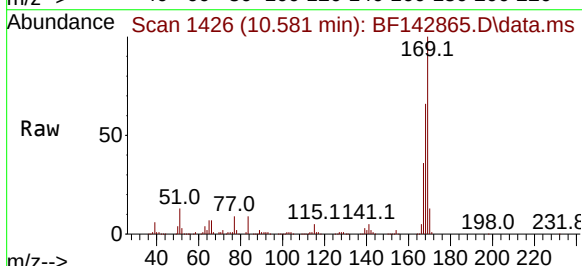
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

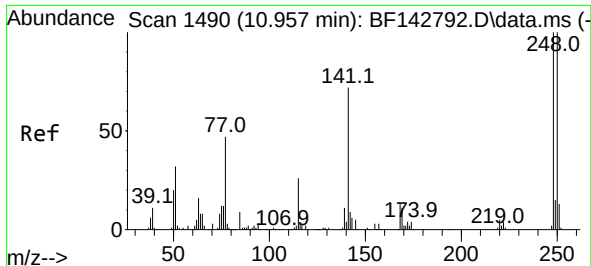
Tgt Ion:198 Resp: 81466
Ion Ratio Lower Upper
198 100
51 47.2 25.4 65.4
105 41.5 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 45.599 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:169 Resp: 439101
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 35.8 28.5 42.7

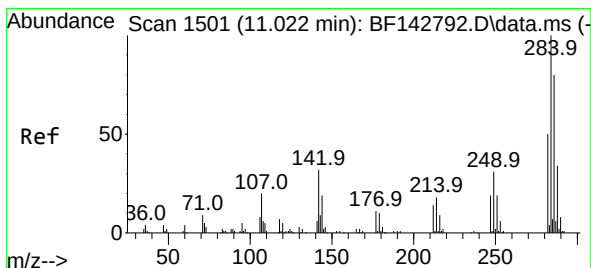
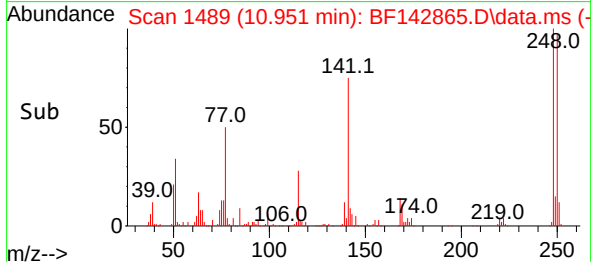
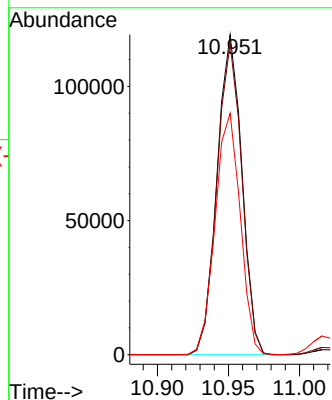
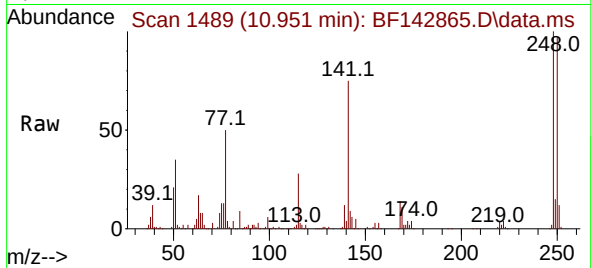




#67
4-Bromophenyl-phenylether
Concen: 45.981 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

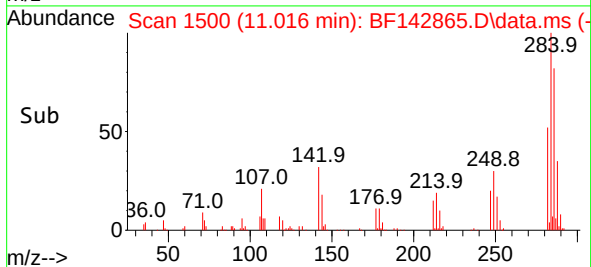
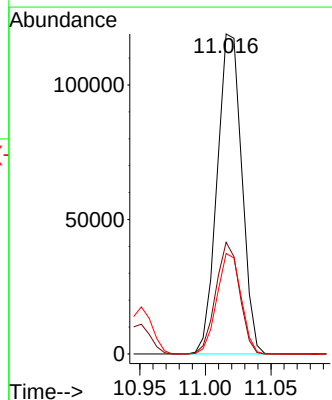
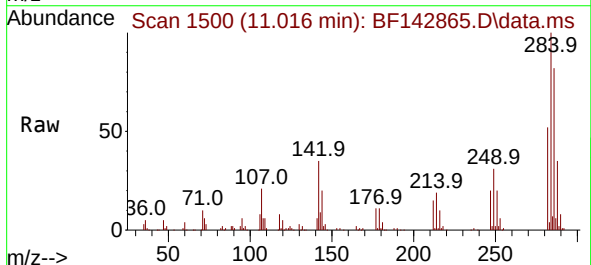
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

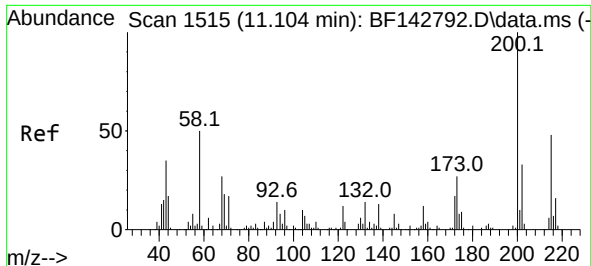
Tgt Ion:248 Resp: 145403
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 75.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 44.188 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:284 Resp: 155267
Ion Ratio Lower Upper
284 100
142 34.9 25.5 38.3
249 31.4 24.9 37.3

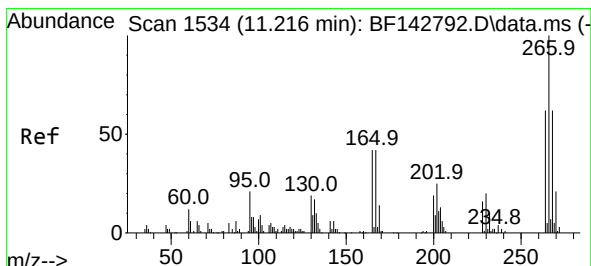
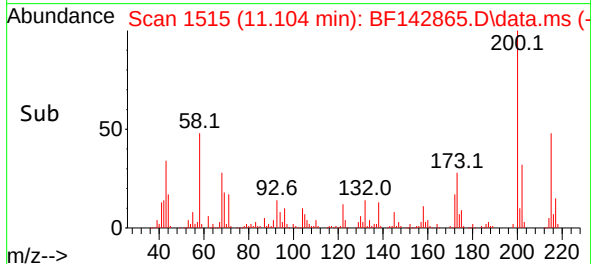
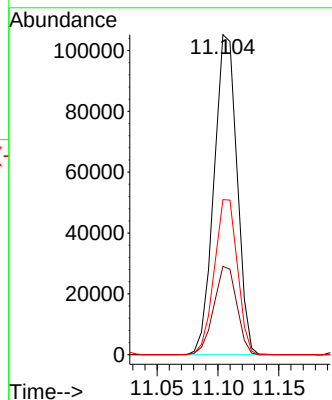
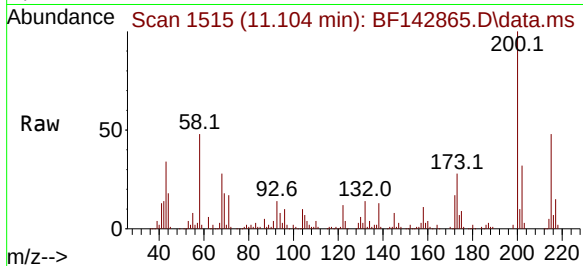




#69
 Atrazine
 Concen: 55.768 ng
 RT: 11.104 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

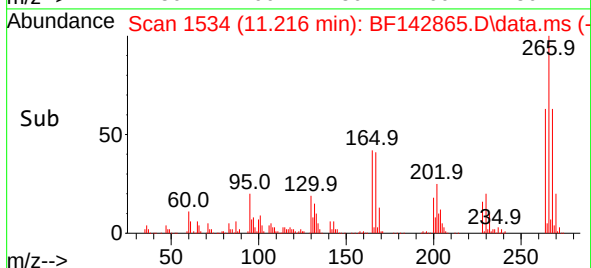
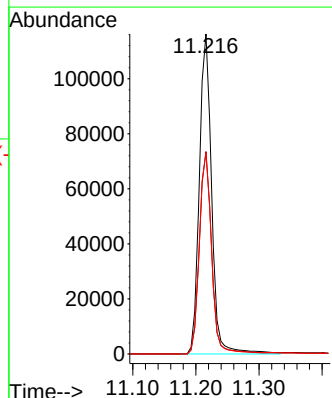
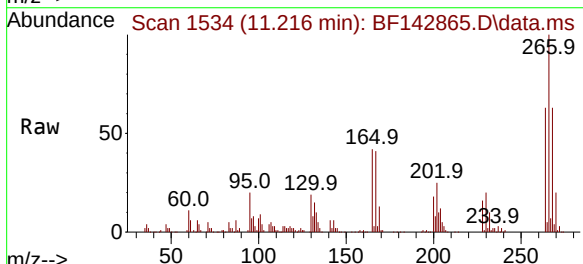
Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMSD

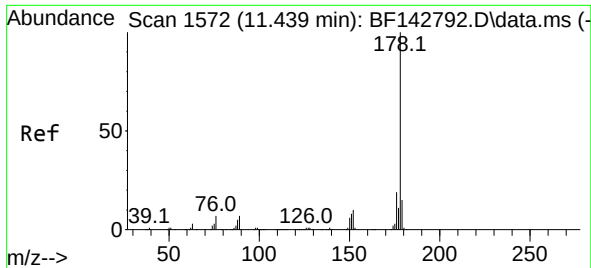
Tgt Ion:200 Resp: 138677
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 48.5 28.4 68.4



#70
 Pentachlorophenol
 Concen: 89.745 ng
 RT: 11.216 min Scan# 1534
 Delta R.T. 0.000 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

Tgt Ion:266 Resp: 157135
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.8 74.8
 264 63.0 49.9 74.9

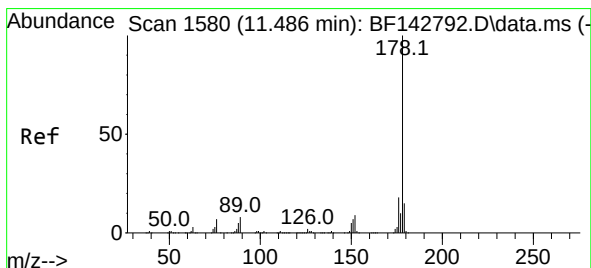
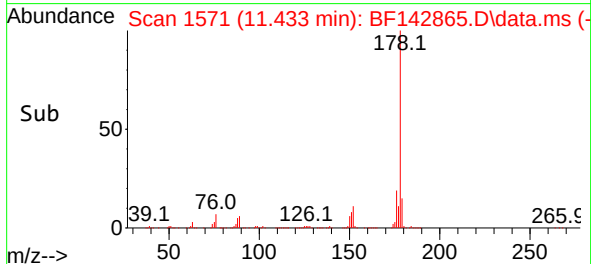
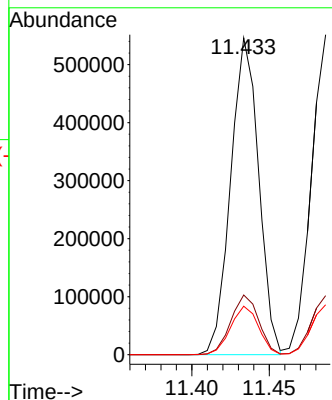
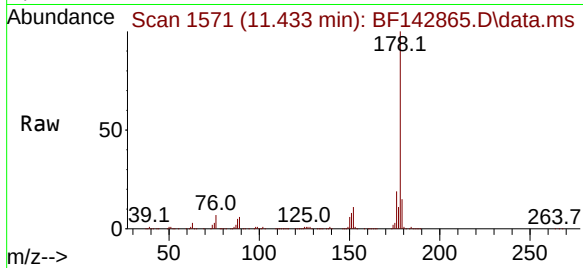




#71
Phenanthrene
Concen: 45.585 ng
RT: 11.433 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

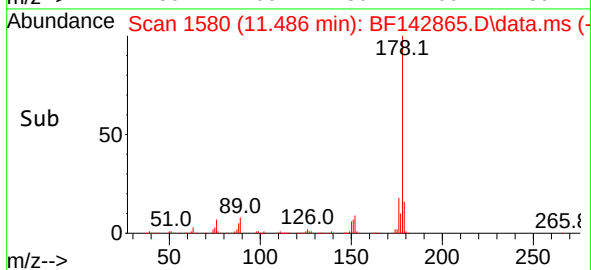
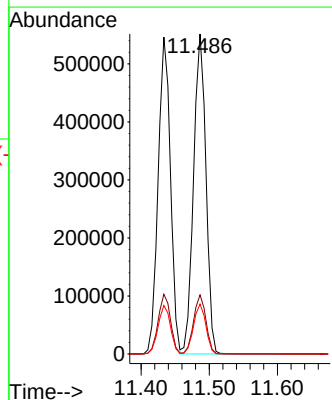
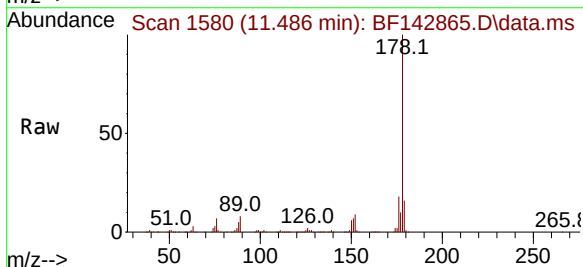
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

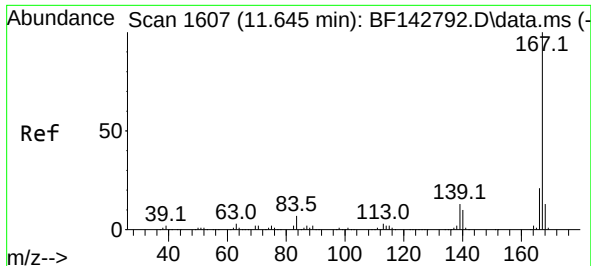
Tgt Ion:178 Resp: 686110
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 44.707 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:178 Resp: 690116
Ion Ratio Lower Upper
178 100
176 18.4 14.6 21.8
179 15.6 12.4 18.6

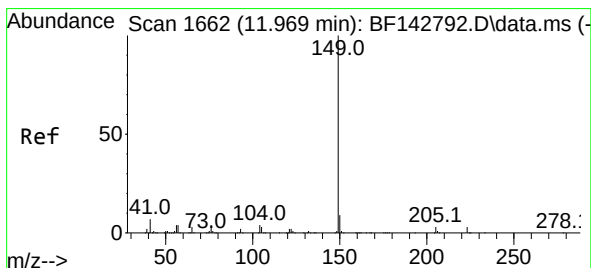
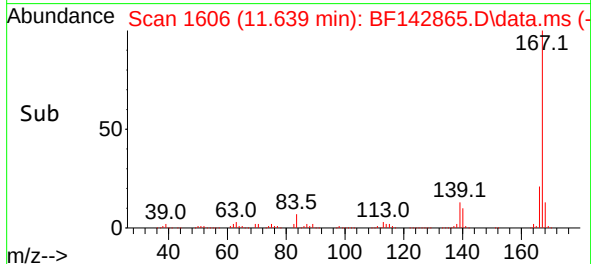
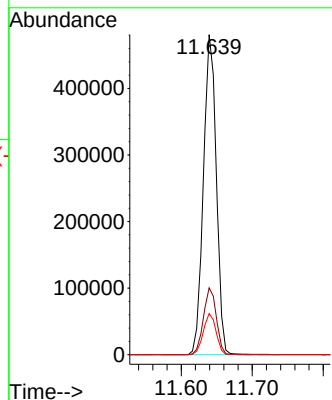
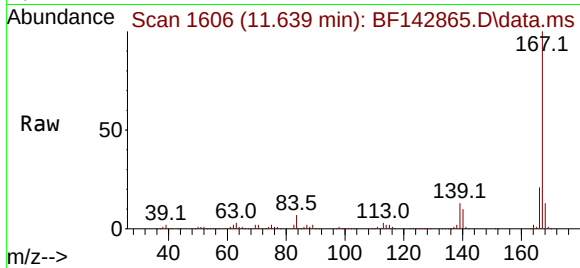




#73
 Carbazole
 Concen: 45.706 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

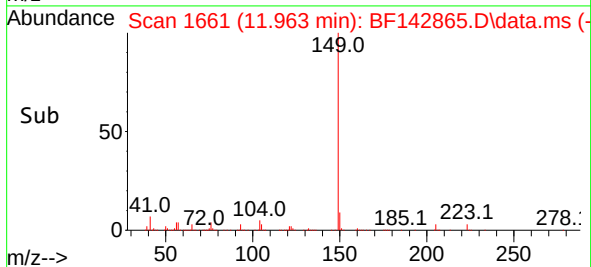
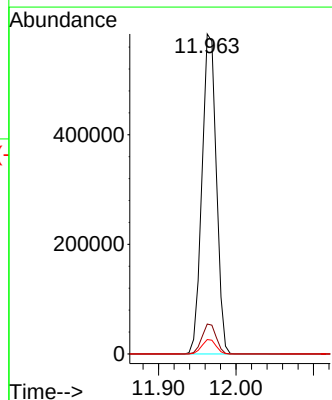
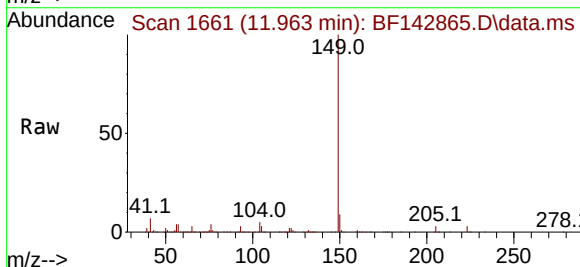
Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMSD

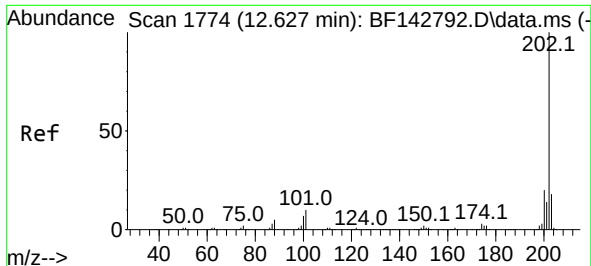
Tgt Ion:167 Resp: 608855
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.0 25.4
 139 12.8 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 54.235 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

Tgt Ion:149 Resp: 752629
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.5 3.5 5.3

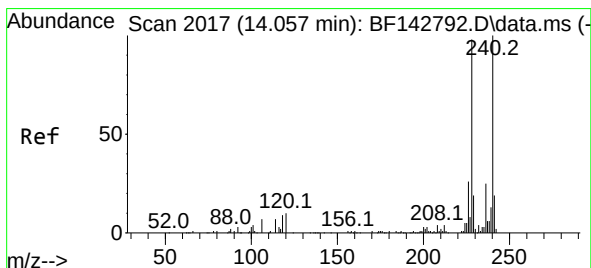
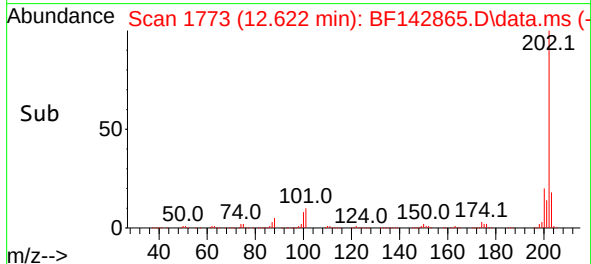
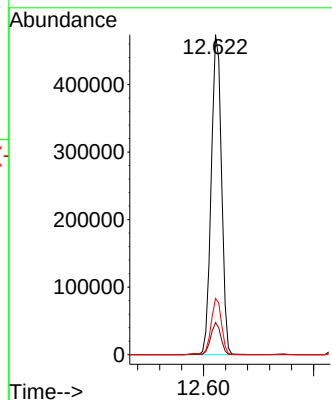
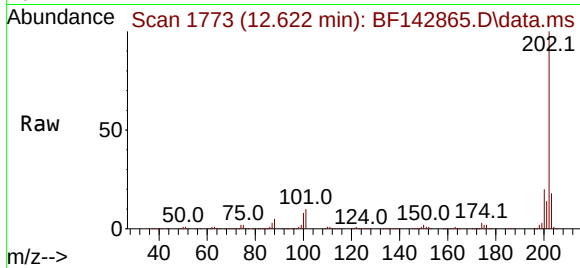




#75
Fluoranthene
Concen: 43.039 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

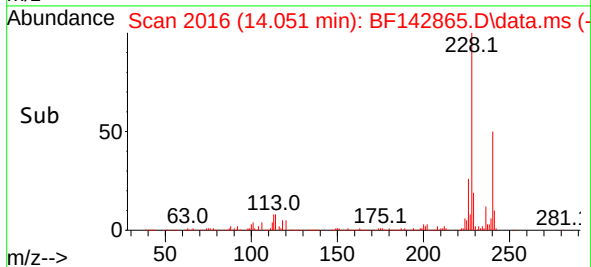
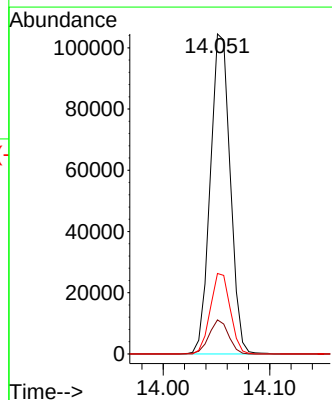
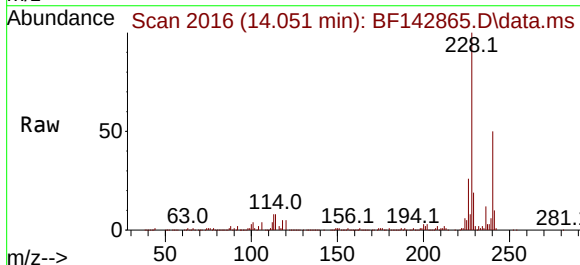
Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

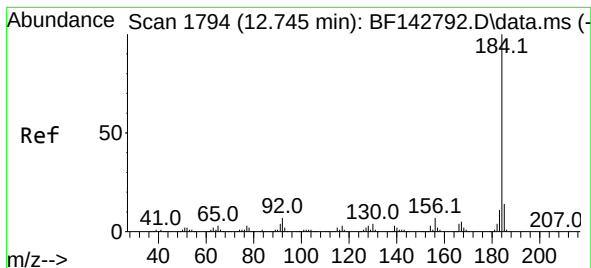
Tgt Ion:	202	Resp:	614783
Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	29.7
203	17.6	0.0	37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:	240	Resp:	136036
Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	25.2	19.8	29.8





#77

Benzidine

Concen: 42.893 ng

RT: 12.745 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

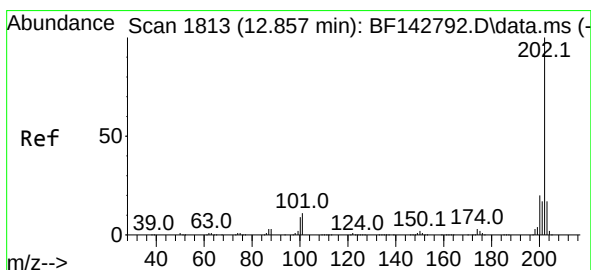
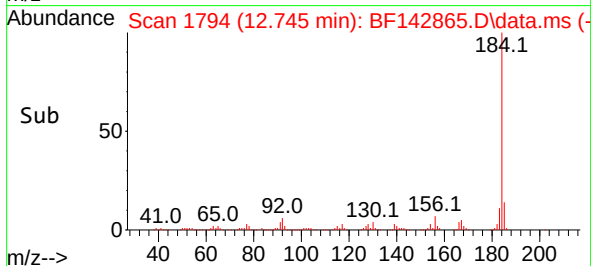
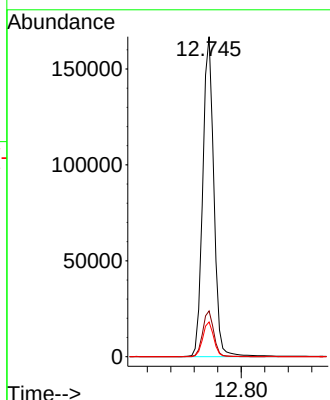
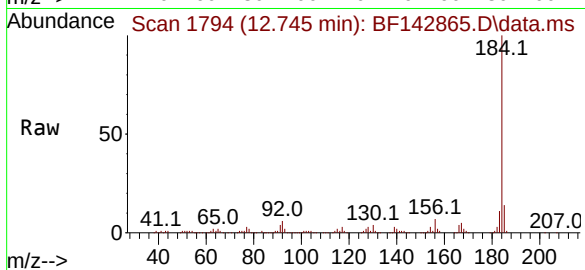
Tgt Ion:184 Resp: 219229

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 10.8 9.0 13.4



#78

Pyrene

Concen: 46.920 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

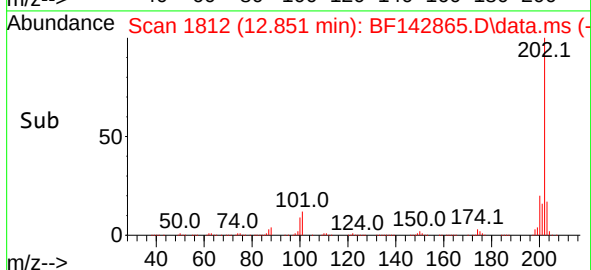
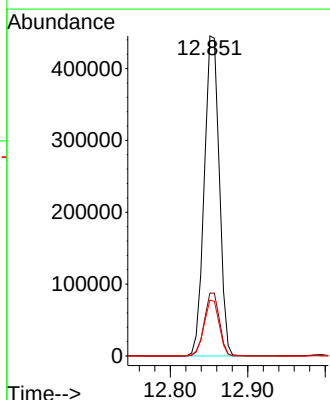
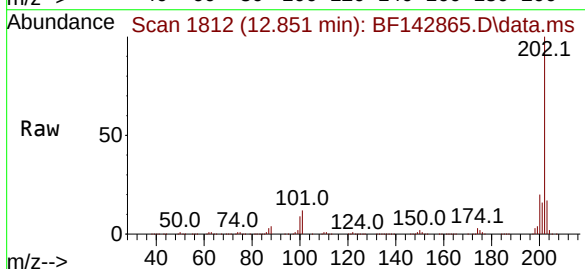
Tgt Ion:202 Resp: 598281

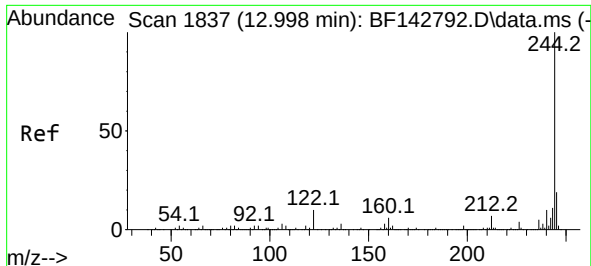
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.5 13.8 20.6

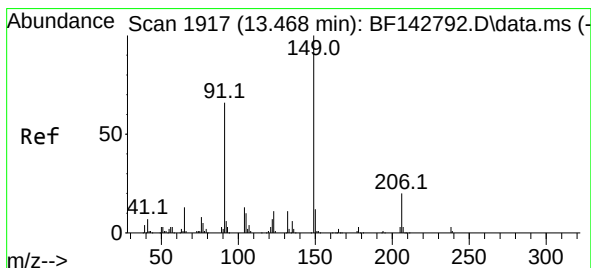
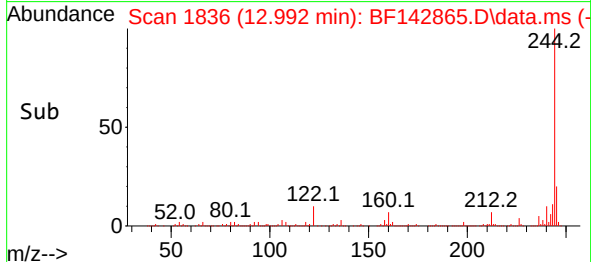
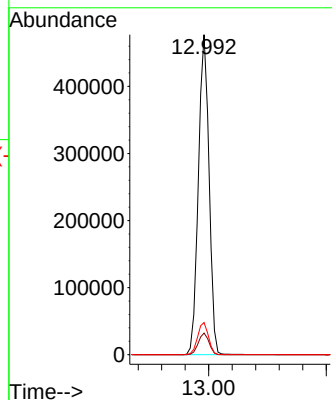
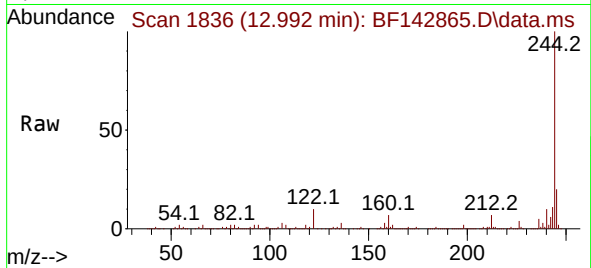




#79
 Terphenyl-d14
 Concen: 60.929 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

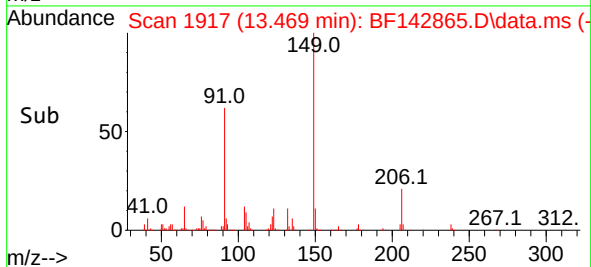
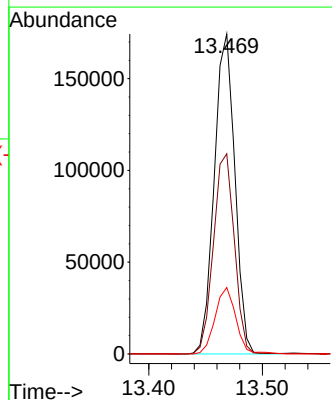
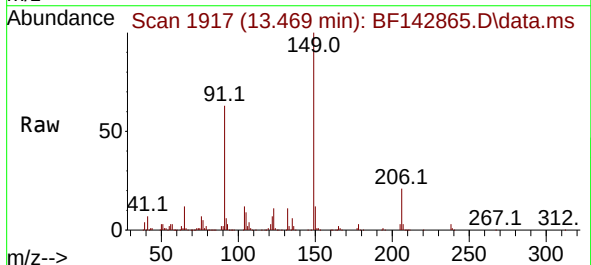
Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMSD

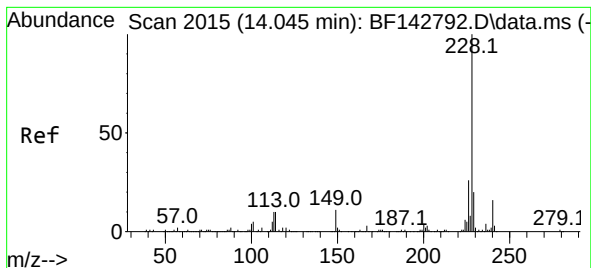
Tgt Ion:244 Resp: 599874
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 59.444 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

Tgt Ion:149 Resp: 219871
 Ion Ratio Lower Upper
 149 100
 91 62.6 52.9 79.3
 206 20.8 16.3 24.5





#81

Benzo(a)anthracene

Concen: 47.857 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

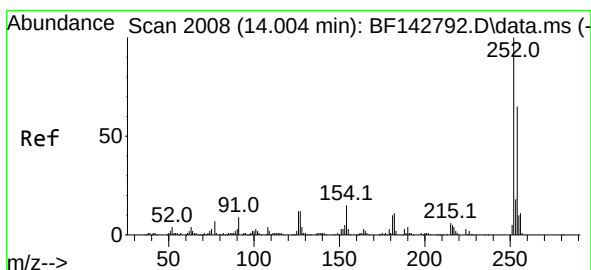
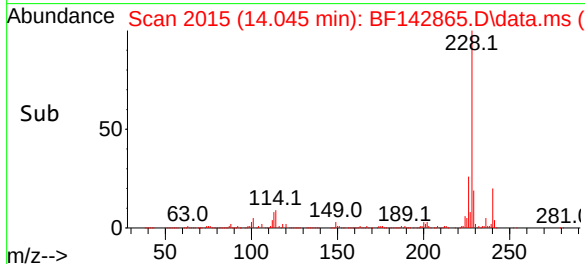
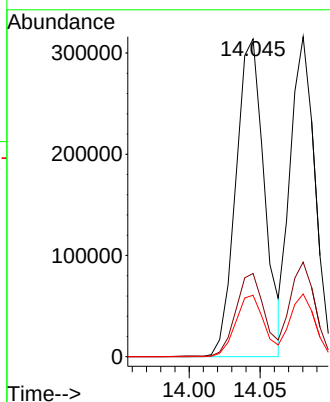
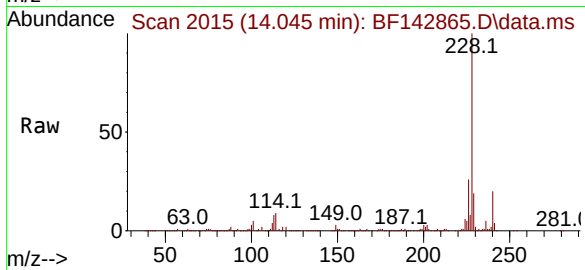
Tgt Ion:228 Resp: 439191

Ion Ratio Lower Upper

228 100

226 26.2 21.2 31.8

229 19.3 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 19.144 ng

RT: 14.004 min Scan# 2008

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

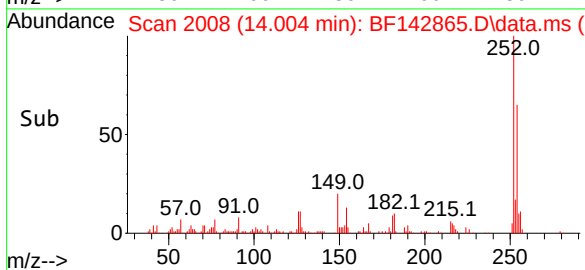
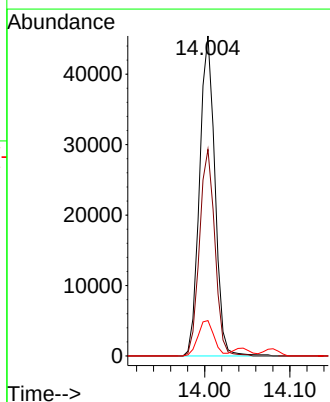
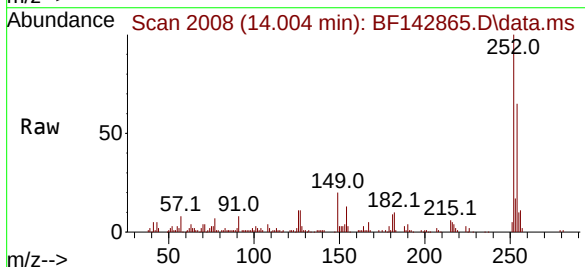
Tgt Ion:252 Resp: 56985

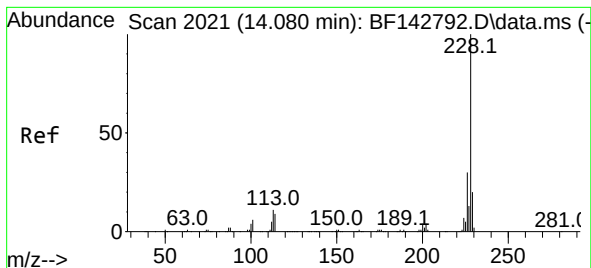
Ion Ratio Lower Upper

252 100

254 64.5 51.7 77.5

126 11.1 9.4 14.2





#83

Chrysene

Concen: 46.333 ng

RT: 14.080 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

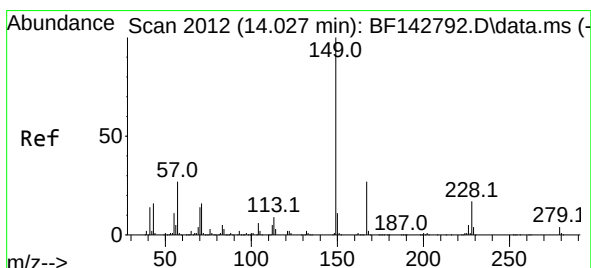
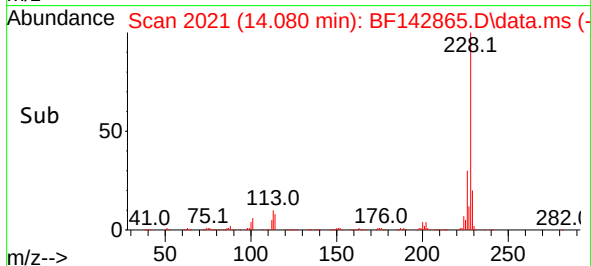
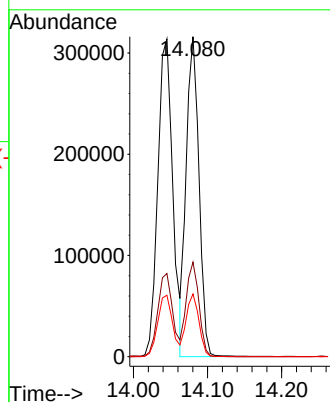
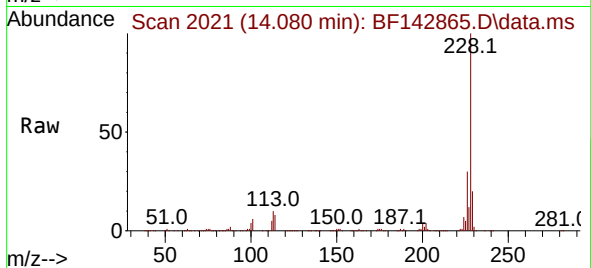
Tgt Ion:228 Resp: 379414

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.330 ng

RT: 14.022 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

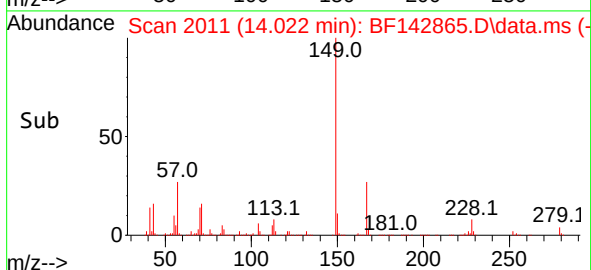
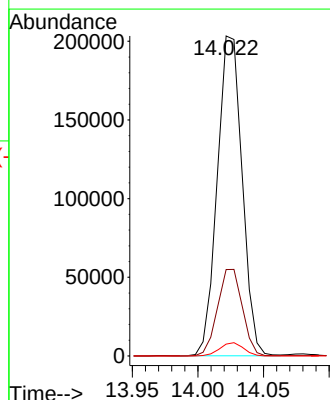
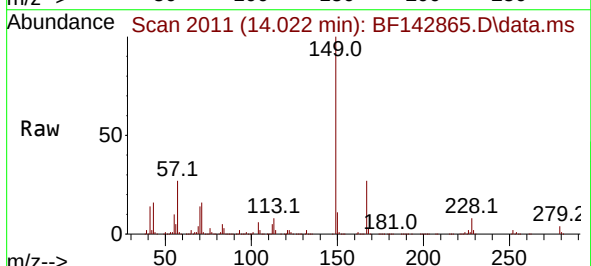
Tgt Ion:149 Resp: 267843

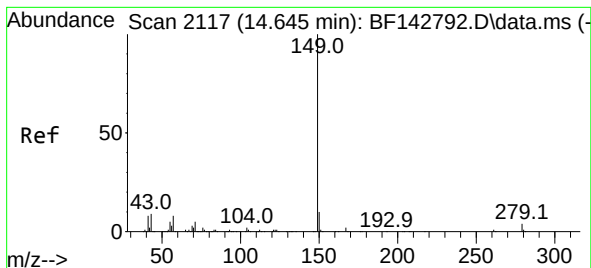
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 3.7 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 43.590 ng

RT: 14.639 min Scan# 2117

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

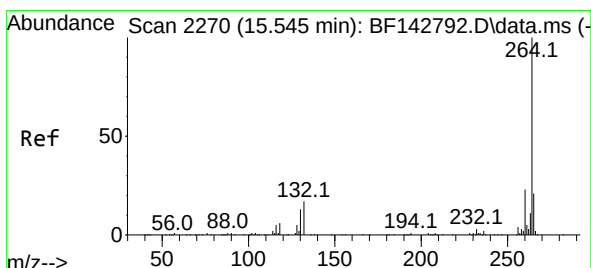
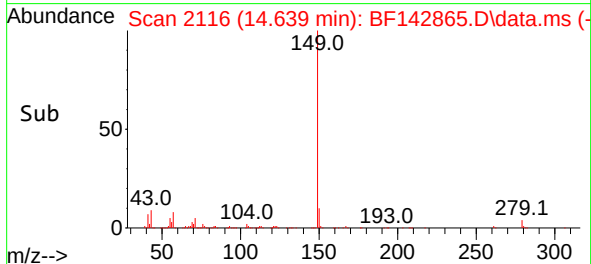
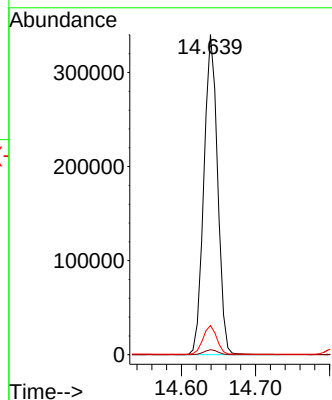
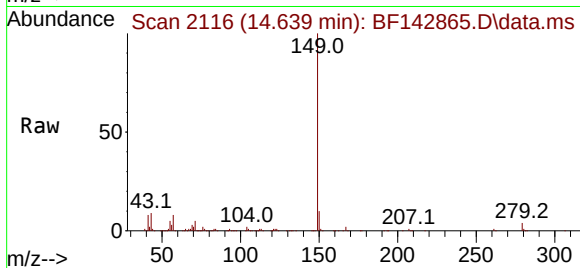
Tgt Ion:149 Resp: 437421

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.0 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

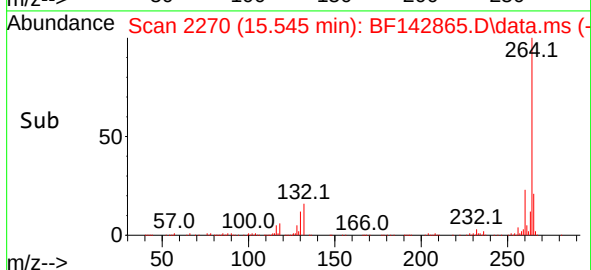
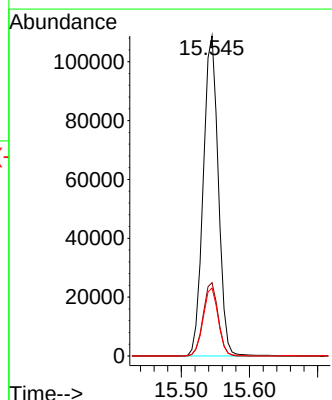
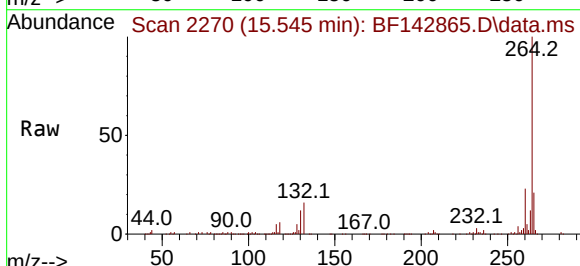
Tgt Ion:264 Resp: 166796

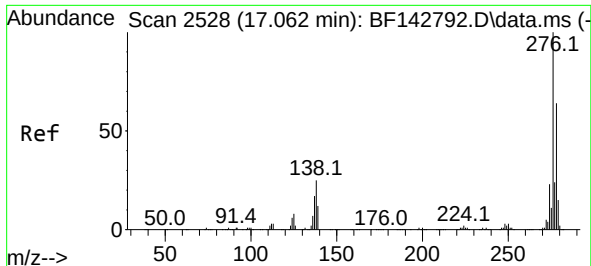
Ion Ratio Lower Upper

264 100

260 22.9 18.1 27.1

265 21.3 16.6 25.0

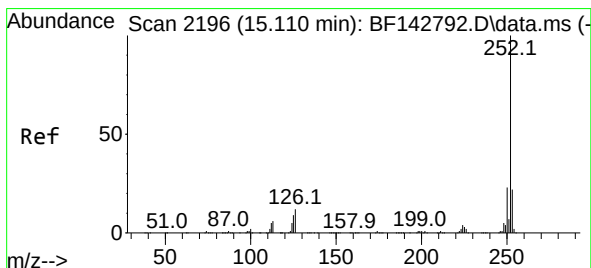
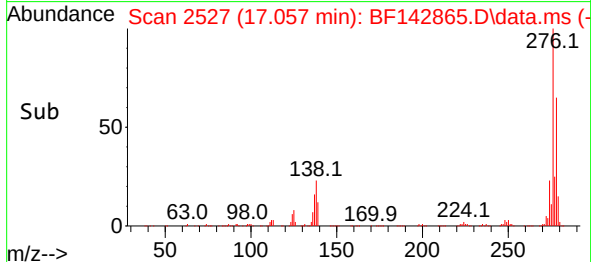
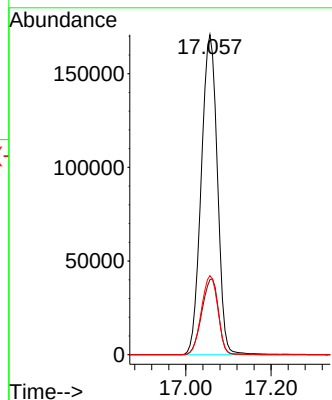
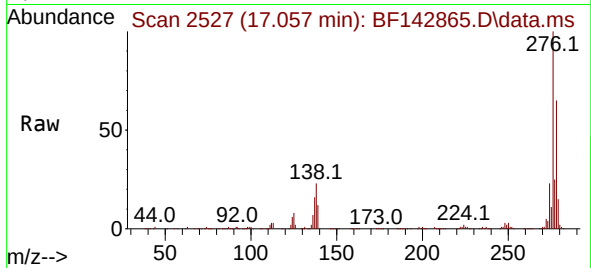




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.355 ng
 RT: 17.057 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

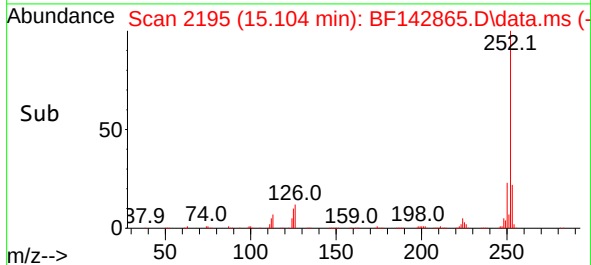
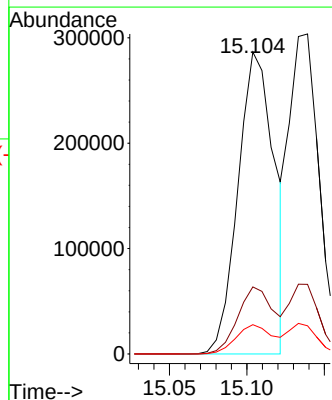
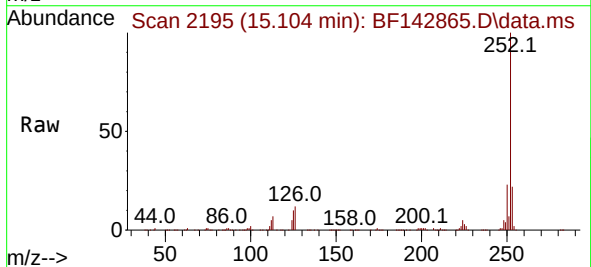
Instrument :
 BNA_F
 ClientSampleId :
 MH-M/HMSD

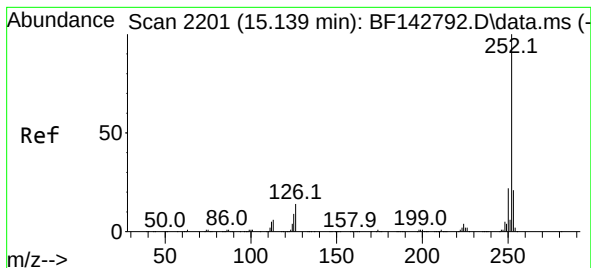
Tgt Ion:276 Resp: 449171
 Ion Ratio Lower Upper
 276 100
 138 24.5 20.2 30.4
 277 25.2 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 48.374 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. -0.006 min
 Lab File: BF142865.D
 Acq: 26 Jun 2025 13:38

Tgt Ion:252 Resp: 466884
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 45.112 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

Instrument :

BNA_F

ClientSampleId :

MH-M/HMSD

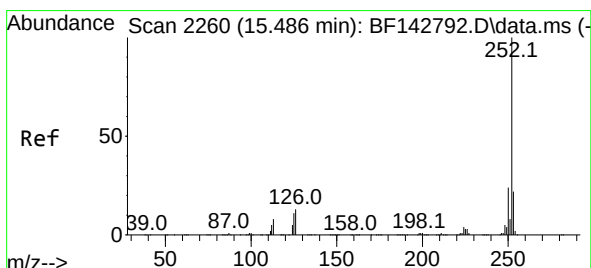
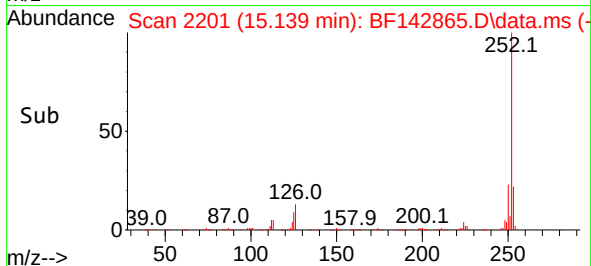
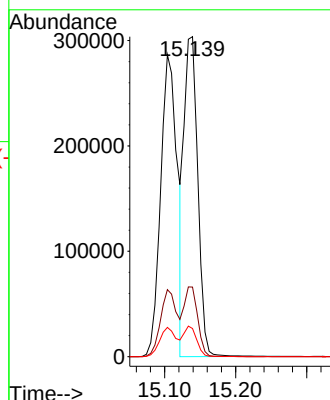
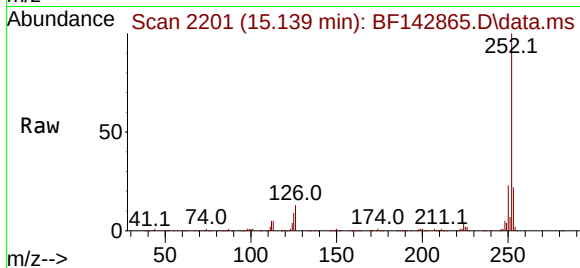
Tgt Ion:252 Resp: 407355

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 47.461 ng

RT: 15.480 min Scan# 2259

Delta R.T. -0.006 min

Lab File: BF142865.D

Acq: 26 Jun 2025 13:38

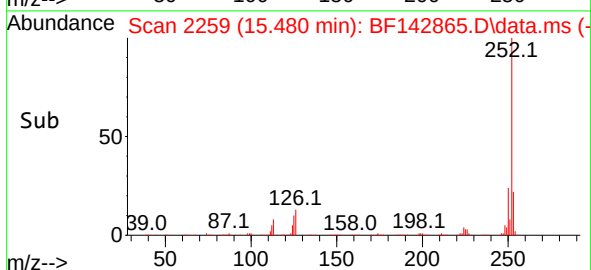
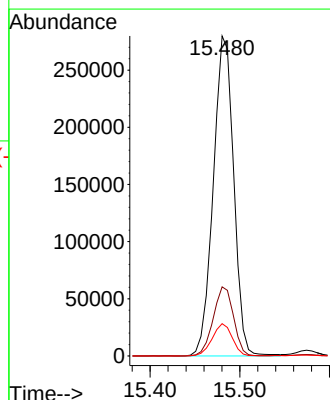
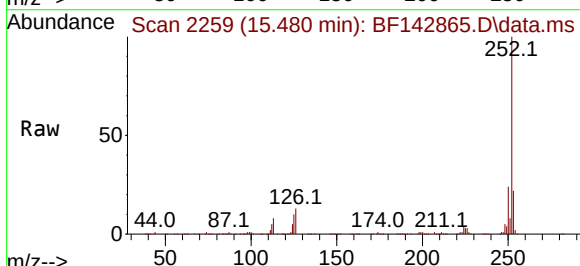
Tgt Ion:252 Resp: 442533

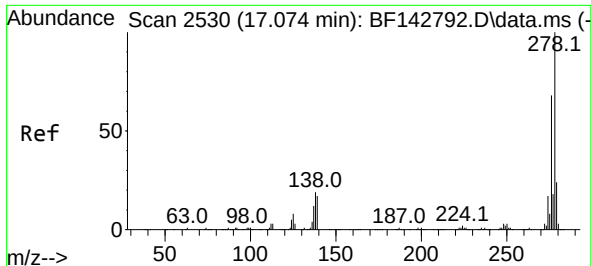
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 10.1 8.6 12.8

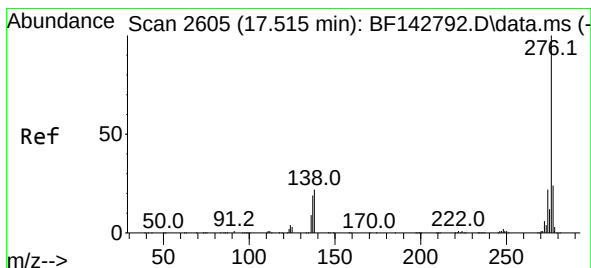
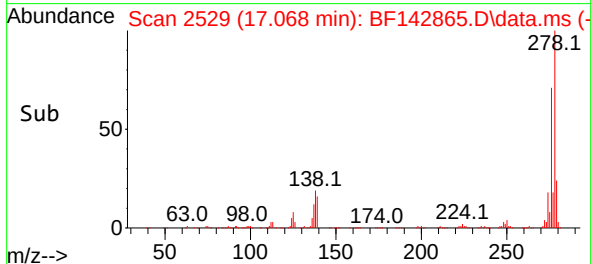
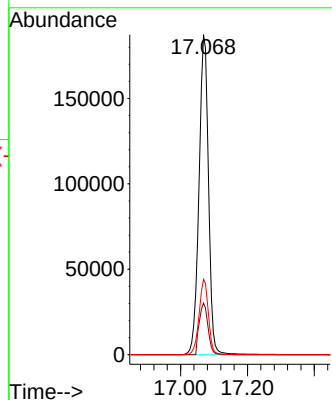
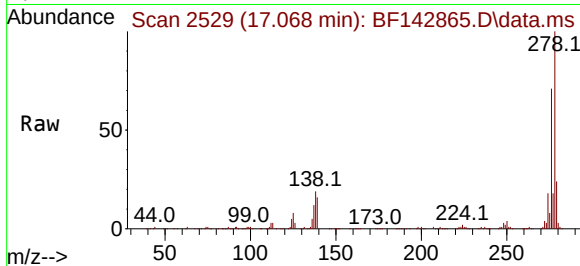




#91
Dibenzo(a,h)anthracene
Concen: 35.819 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Instrument :
BNA_F
ClientSampleId :
MH-M/HMSD

Tgt Ion:278 Resp: 369756
Ion Ratio Lower Upper
278 100
139 16.1 13.5 20.3
279 23.6 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 32.018 ng
RT: 17.510 min Scan# 2604
Delta R.T. -0.006 min
Lab File: BF142865.D
Acq: 26 Jun 2025 13:38

Tgt Ion:276 Resp: 329574
Ion Ratio Lower Upper
276 100
277 23.5 18.8 28.2
138 21.0 17.6 26.4

