

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143865.D
 Acq On : 02 Oct 2025 20:07
 Operator : RC/JU
 Sample : Q3266-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:28:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	132113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	498372	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	264381	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	436632	20.000	ng	0.00
76) Chrysene-d12	14.057	240	345011	20.000	ng	0.00
86) Perylene-d12	15.533	264	467433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	620126	76.262	ng	0.00
7) Phenol-d6	6.504	99	747806	79.592	ng	0.00
23) Nitrobenzene-d5	7.445	82	455997	56.007	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	193892	49.531	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	805920	47.569	ng	0.00
79) Terphenyl-d14	12.998	244	1076320	63.446	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	147267	37.838	ng	90
3) Pyridine	3.475	79	396343	37.725	ng	85
4) n-Nitrosodimethylamine	3.422	42	207038	39.302	ng	86
6) Aniline	6.545	93	393915	28.887	ng	100
8) 2-Chlorophenol	6.669	128	363514	43.668	ng	97
9) Benzaldehyde	6.434	77	216417	26.303	ng	98
10) Phenol	6.522	94	483331	44.258	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	360011	42.054	ng	97
12) 1,3-Dichlorobenzene	6.828	146	412600	42.689	ng	98
13) 1,4-Dichlorobenzene	6.904	146	417520	43.286	ng	99
14) 1,2-Dichlorobenzene	7.057	146	402266	44.033	ng	99
15) Benzyl Alcohol	7.022	79	327998	48.314	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	734032	36.161	ng	95
17) 2-Methylphenol	7.134	107	289359	44.898	ng	100
18) Hexachloroethane	7.398	117	145445	42.877	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	262459	43.441	ng	89
20) 3+4-Methylphenols	7.286	107	341307	43.487	ng	# 77
22) Acetophenone	7.292	105	511367	46.717	ng	94
24) Nitrobenzene	7.463	77	403311	44.690	ng	98
25) Isophorone	7.704	82	726249	45.775	ng	99
26) 2-Nitrophenol	7.781	139	192067	51.623	ng	95
27) 2,4-Dimethylphenol	7.816	122	342762	48.335	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	440881	42.771	ng	98
29) 2,4-Dichlorophenol	8.022	162	318390	45.630	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	329632	45.521	ng	98
31) Naphthalene	8.192	128	1014845	42.537	ng	100
32) Benzoic acid	7.928	122	241347	70.540	ng	96
33) 4-Chloroaniline	8.233	127	127248	15.177	ng	97
34) Hexachlorobutadiene	8.304	225	239462	44.360	ng	99
35) Caprolactam	8.604	113	98305	55.119	ng	# 79
36) 4-Chloro-3-methylphenol	8.716	107	314805	48.105	ng	100
37) 2-Methylnaphthalene	8.880	142	624027	41.020	ng	99
38) 1-Methylnaphthalene	8.980	142	623542	42.822	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	365001	45.748	ng	99
41) Hexachlorocyclopentadiene	9.033	237	506103	100.088	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	234428	46.924	ng	99

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 ALS Vial : 14 Sample Multiplier: 1

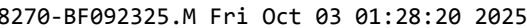
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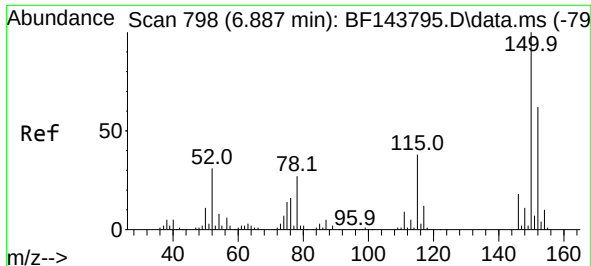
Quant Time: Oct 03 01:28:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	241280	46.173	ng	100
46) 1,1'-Biphenyl	9.345	154	877857	45.870	ng	100
47) 2-Chloronaphthalene	9.369	162	640207	41.558	ng	100
48) 2-Nitroaniline	9.463	65	244664	52.549	ng	98
49) Acenaphthylene	9.786	152	1038980	48.992	ng	100
50) Dimethylphthalate	9.645	163	757119	46.985	ng	100
51) 2,6-Dinitrotoluene	9.704	165	159530	60.256	ng	96
52) Acenaphthene	9.957	154	642646	46.049	ng	99
53) 3-Nitroaniline	9.875	138	94917	29.577	ng	96
54) 2,4-Dinitrophenol	9.980	184	130560	99.763	ng	# 18
55) Dibenzofuran	10.133	168	858670	43.511	ng	100
56) 4-Nitrophenol	10.027	139	242587	93.807	ng	95
57) 2,4-Dinitrotoluene	10.110	165	213806	54.018	ng	95
58) Fluorene	10.475	166	653647	44.553	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	233271	52.109	ng	100
60) Diethylphthalate	10.345	149	713871	47.326	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	330901	44.265	ng	99
62) 4-Nitroaniline	10.486	138	161005	53.358	ng	98
63) Azobenzene	10.627	77	755872	47.547	ng	93
65) 4,6-Dinitro-2-methylphthalate	10.516	198	98642	58.139	ng	82
66) n-Nitrosodiphenylamine	10.580	169	630722	43.924	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	316391	42.520	ng	99
68) Hexachlorobenzene	11.022	284	377883	36.851	ng	93
69) Atrazine	11.110	200	204168	49.100	ng	98
70) Pentachlorophenol	11.216	266	425268	83.314	ng	99
71) Phenanthrene	11.439	178	963551	42.984	ng	100
72) Anthracene	11.486	178	987531	43.918	ng	99
73) Carbazole	11.645	167	856354	43.559	ng	100
74) Di-n-butylphthalate	11.974	149	1044247	46.185	ng	100
75) Fluoranthene	12.627	202	958716	42.523	ng	99
77) Benzidine	12.745	184	258779	30.781	ng	99
78) Pyrene	12.857	202	966574	56.984	ng	99
80) Butylbenzylphthalate	13.474	149	352636	60.090	ng	96
81) Benzo(a)anthracene	14.045	228	845318	45.607	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	164787	20.522	ng	99
83) Chrysene	14.080	228	809937	48.293	ng	99
84) Bis(2-ethylhexyl)phthalate	14.033	149	414506	48.188	ng	98
85) Di-n-octyl phthalate	14.645	149	695292	44.561	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	1591120	44.863	ng	98
88) Benzo(b)fluoranthene	15.098	252	1157629	48.632	ng	99
89) Benzo(k)fluoranthene	15.127	252	1009802	42.225	ng	99
90) Benzo(a)pyrene	15.474	252	1087757	48.614	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1272126	43.854	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1301075	46.529	ng	99

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

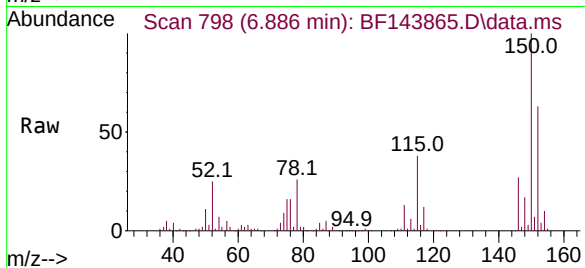
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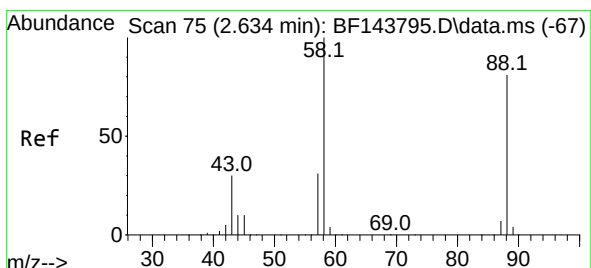
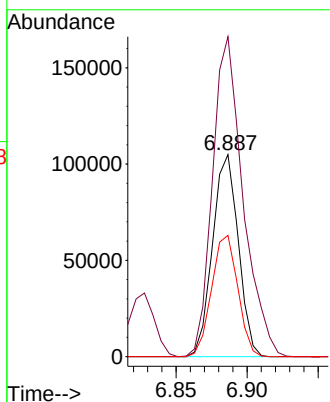
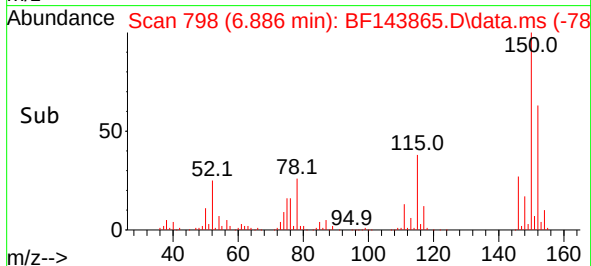


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143865.D
 Acq: 02 Oct 2025 20:07

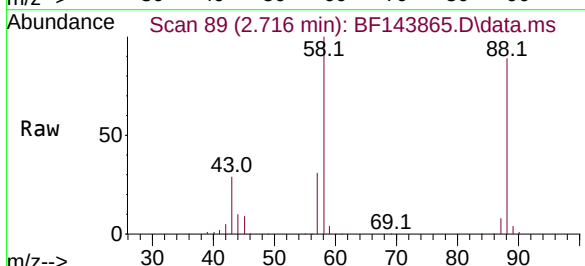
Instrument :
 BNA_F
 ClientSampleId :



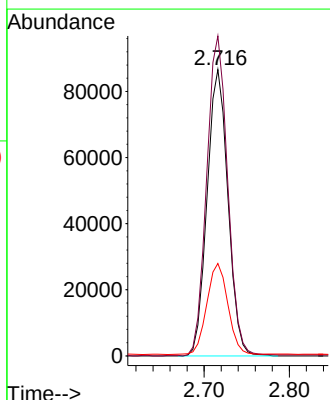
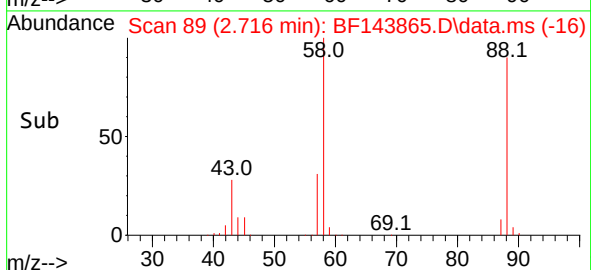
Tgt Ion:152 Resp: 132113
 Ion Ratio Lower Upper
 152 100
 150 158.4 129.6 194.4
 115 60.0 49.0 73.4

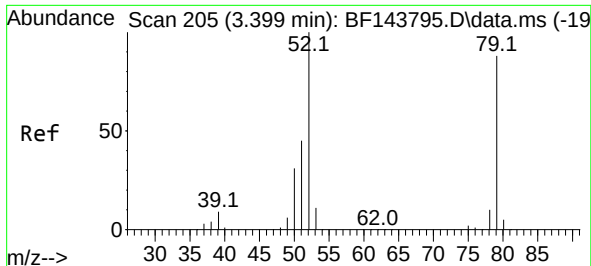


#2
 1,4-Dioxane
 Concen: 37.838 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.082 min
 Lab File: BF143865.D
 Acq: 02 Oct 2025 20:07



Tgt Ion: 88 Resp: 147267
 Ion Ratio Lower Upper
 88 100
 58 113.0 99.4 149.2
 43 32.0 30.6 45.8





#3

Pyridine

Concen: 37.725 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.076 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

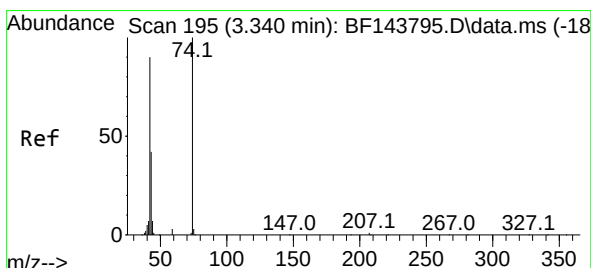
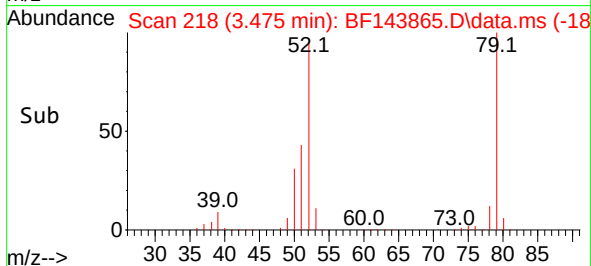
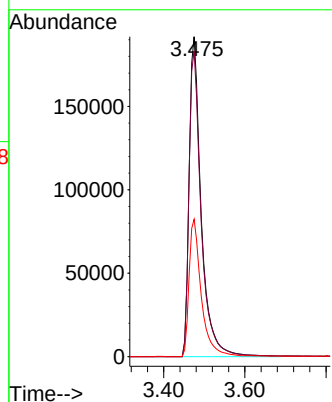
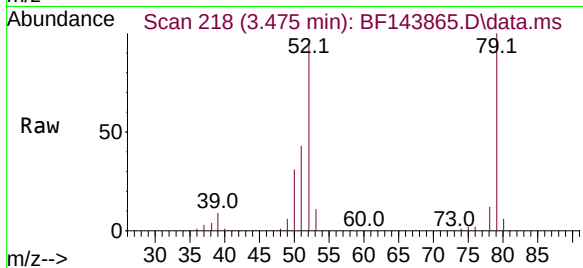
Tgt Ion: 79 Resp: 396343

Ion Ratio Lower Upper

79 100

52 95.5 90.5 135.7

51 42.9 40.6 61.0



#4

n-Nitrosodimethylamine

Concen: 39.302 ng

RT: 3.422 min Scan# 209

Delta R.T. 0.065 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

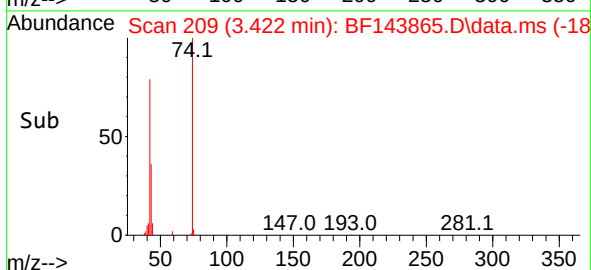
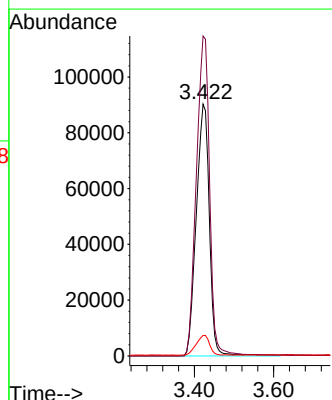
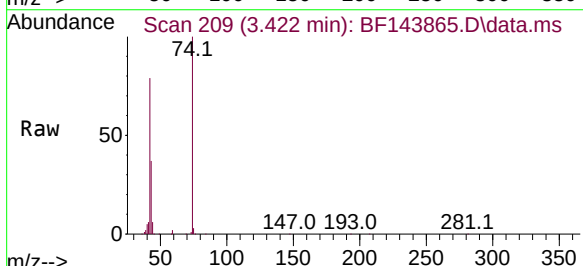
Tgt Ion: 42 Resp: 207038

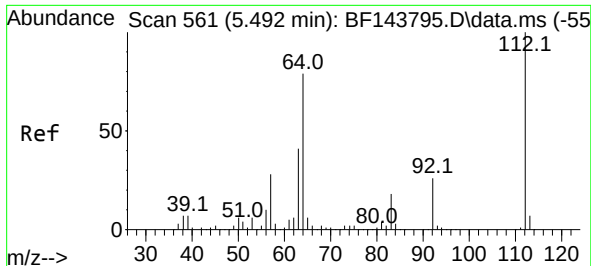
Ion Ratio Lower Upper

42 100

74 127.1 89.1 133.7

44 8.1 6.4 9.6

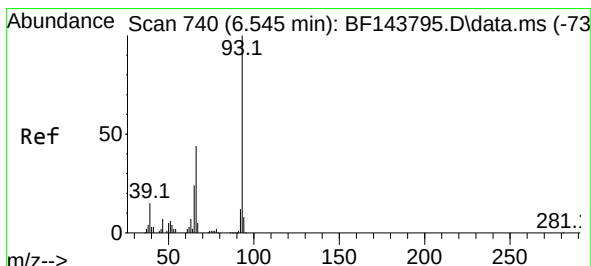
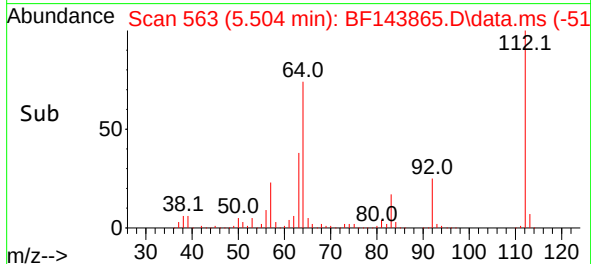
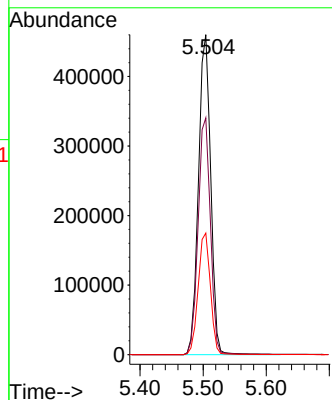
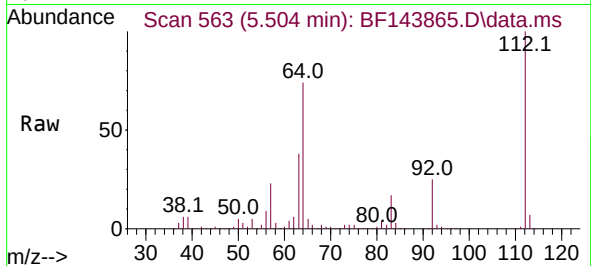




#5
2-Fluorophenol
Concen: 76.262 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

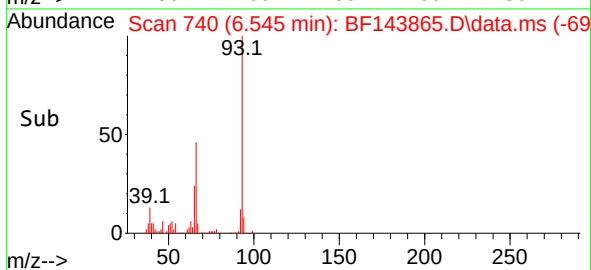
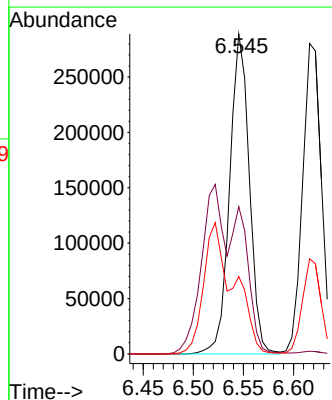
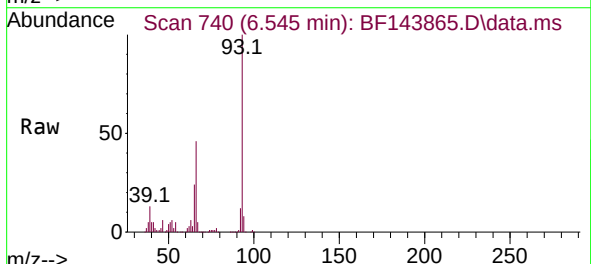
Instrument :
BNA_F
ClientSampleId :

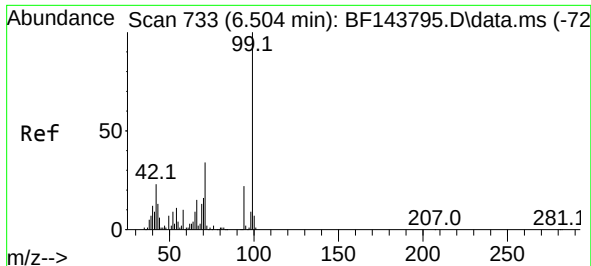
Tgt Ion:112 Resp: 620126
Ion Ratio Lower Upper
112 100
64 74.0 63.0 94.4
63 38.0 32.6 49.0



#6
Aniline
Concen: 28.887 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

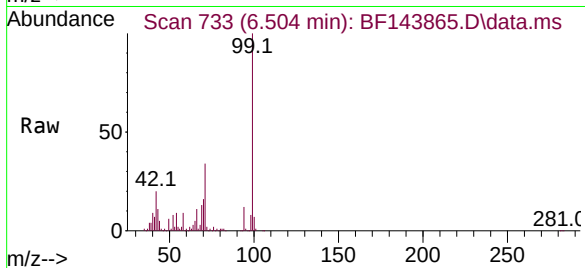
Tgt Ion: 93 Resp: 393915
Ion Ratio Lower Upper
93 100
66 46.0 37.1 55.7
65 24.2 19.4 29.0



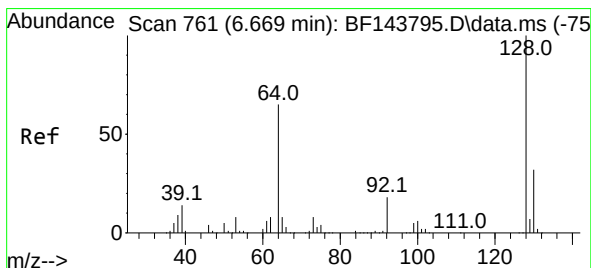
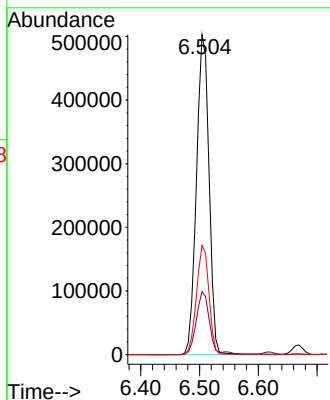
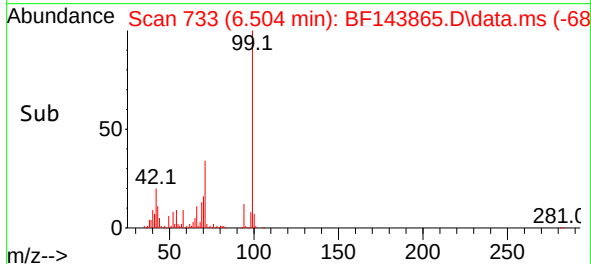


#7
Phenol-d6
Concen: 79.592 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :

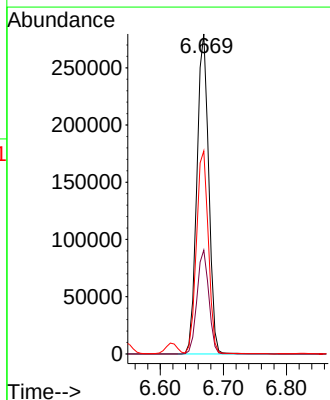
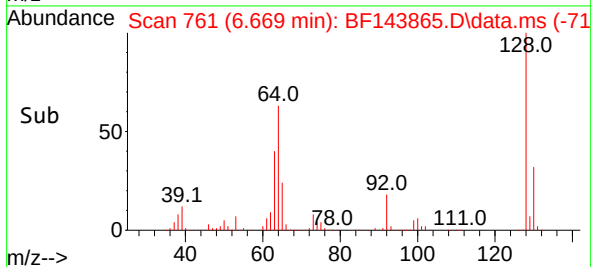
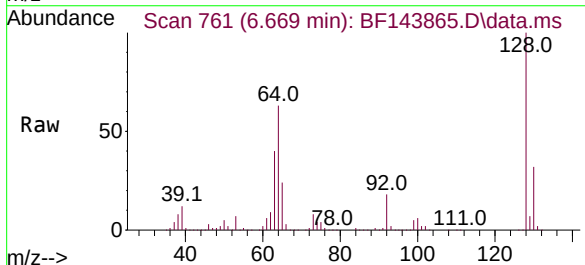


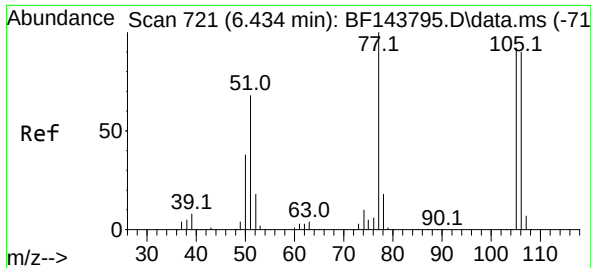
Tgt Ion: 99 Resp: 747806
Ion Ratio Lower Upper
99 100
42 19.7 18.6 28.0
71 34.1 27.0 40.4



#8
2-Chlorophenol
Concen: 43.668 ng
RT: 6.669 min Scan# 761
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion: 128 Resp: 363514
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 63.4 46.5 86.5





#9

Benzaldehyde

Concen: 26.303 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

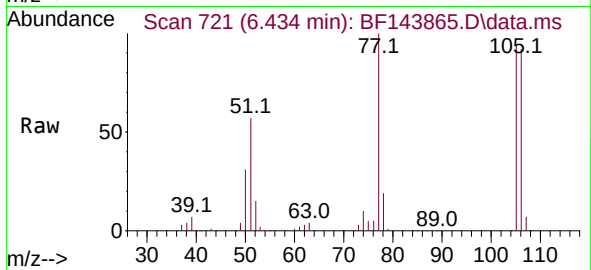
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Instrument :

BNA_F

ClientSampleId :



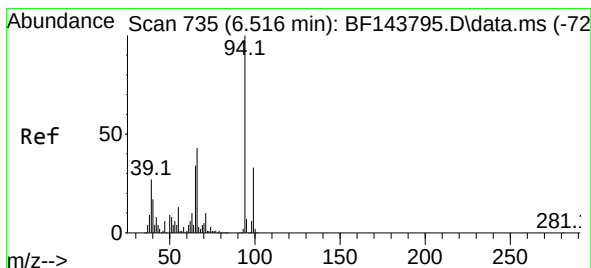
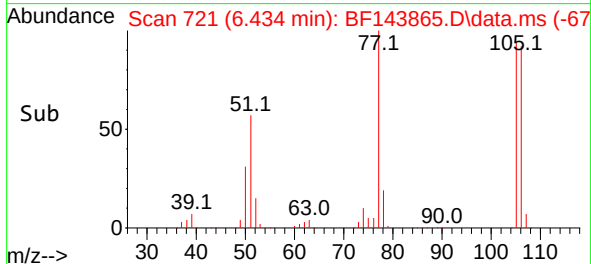
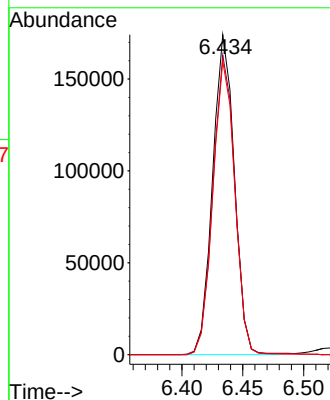
Tgt Ion: 77 Resp: 216417

Ion Ratio Lower Upper

77 100

105 93.6 71.8 111.8

106 91.7 69.8 109.8



#10

Phenol

Concen: 44.258 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

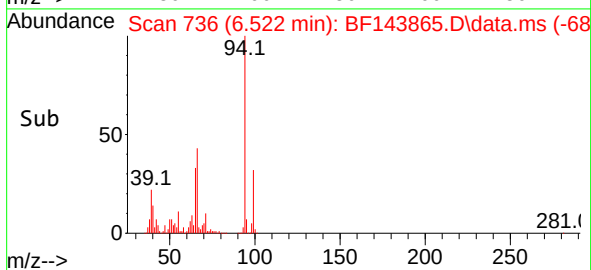
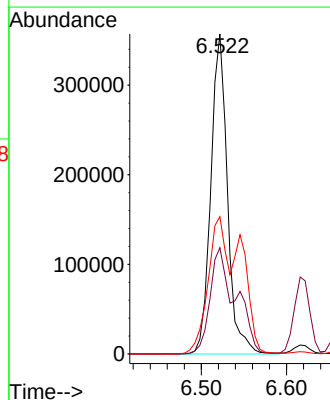
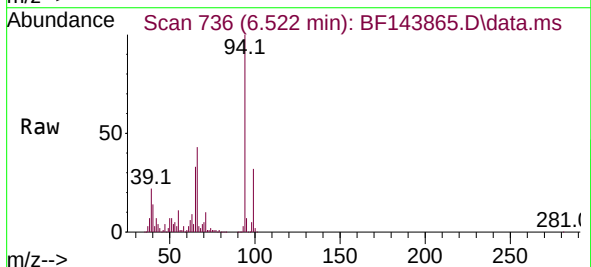
Tgt Ion: 94 Resp: 483331

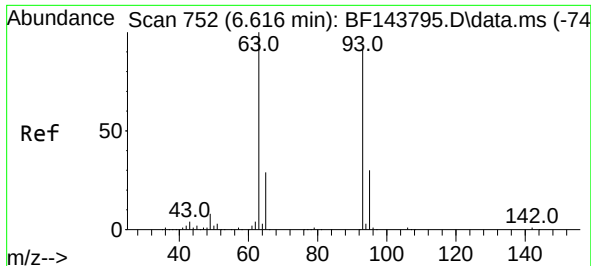
Ion Ratio Lower Upper

94 100

65 33.2 14.2 54.2

66 42.9 24.1 64.1

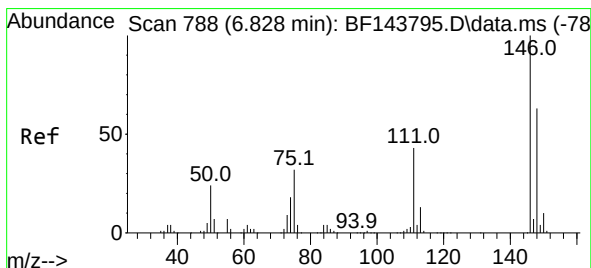
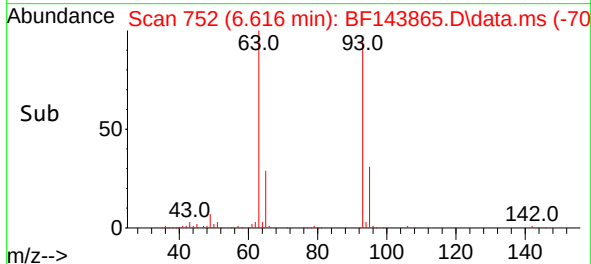
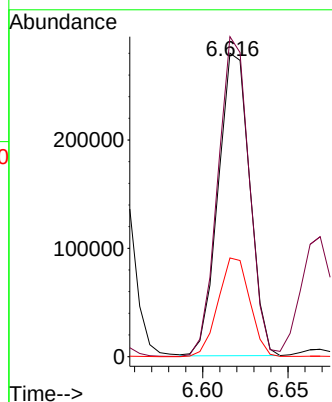
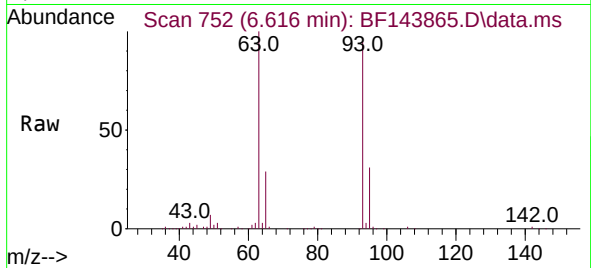




#11
bis(2-Chloroethyl)ether
Concen: 42.054 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

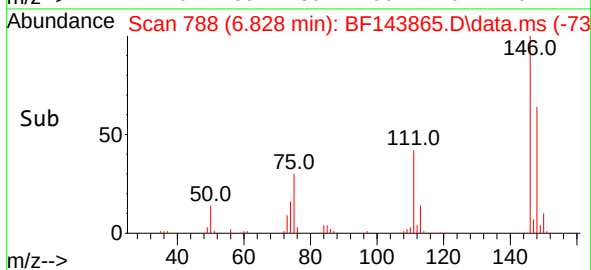
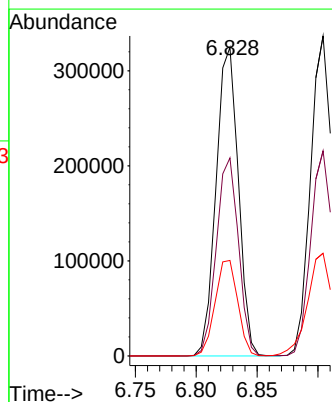
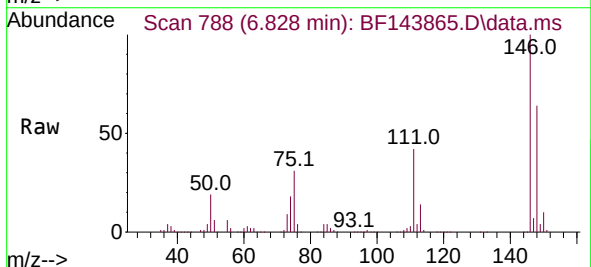
Instrument :
BNA_F
ClientSampleId :

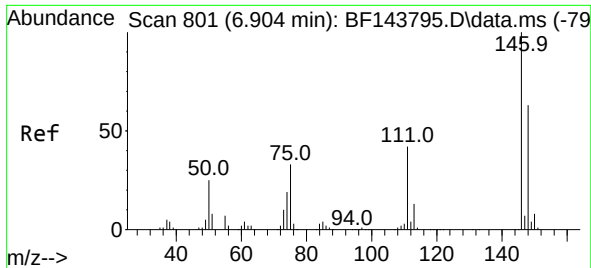
Tgt Ion: 93 Resp: 360011
Ion Ratio Lower Upper
93 100
63 105.5 89.2 129.2
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 42.689 ng
RT: 6.828 min Scan# 788
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

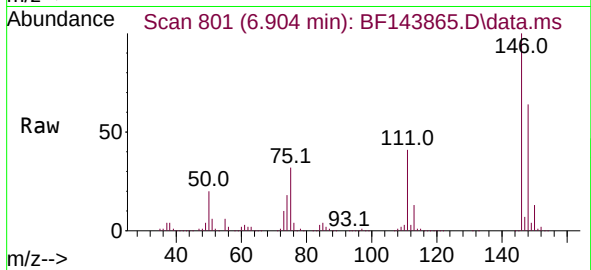
Tgt Ion:146 Resp: 412600
Ion Ratio Lower Upper
146 100
148 64.2 50.4 75.6
75 31.0 25.6 38.4



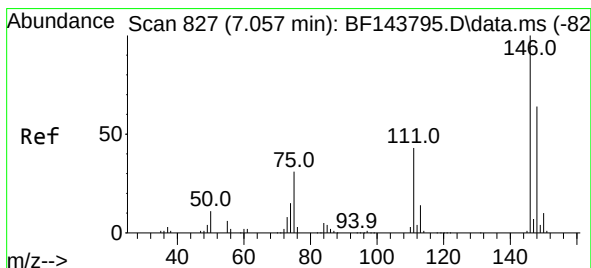
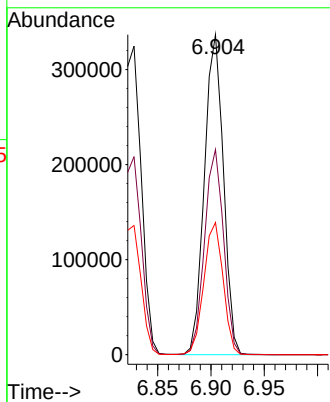
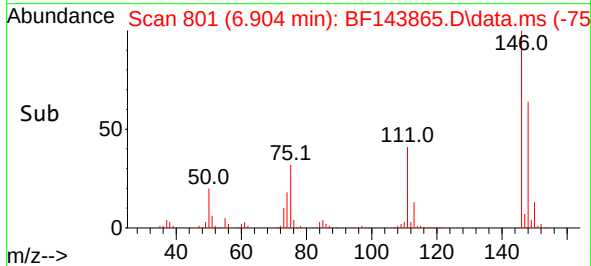


#13
1,4-Dichlorobenzene
Concen: 43.286 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

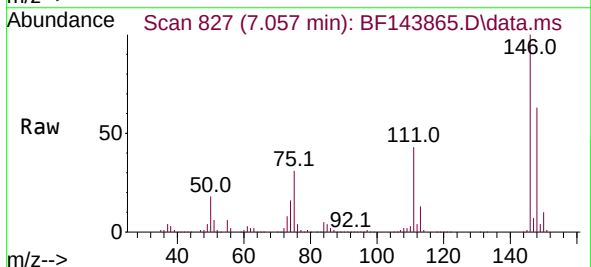
Instrument :
BNA_F
ClientSampleId :



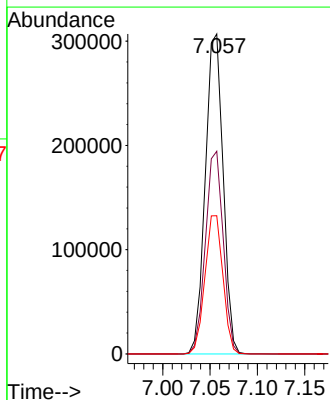
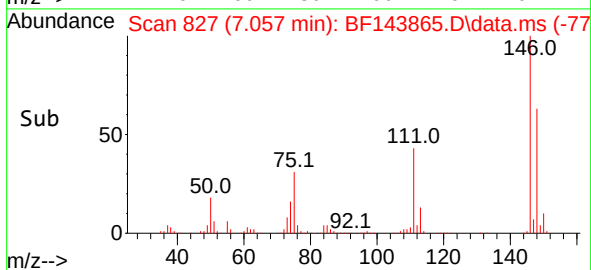
Tgt Ion:146 Resp: 417520
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 41.3 33.4 50.2

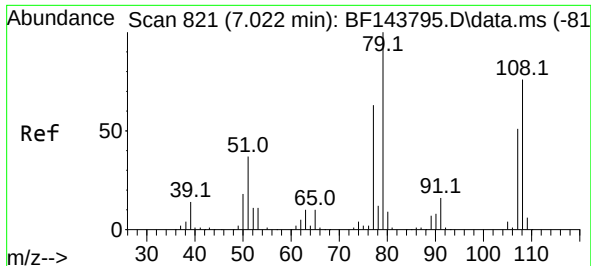


#14
1,2-Dichlorobenzene
Concen: 44.033 ng
RT: 7.057 min Scan# 827
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



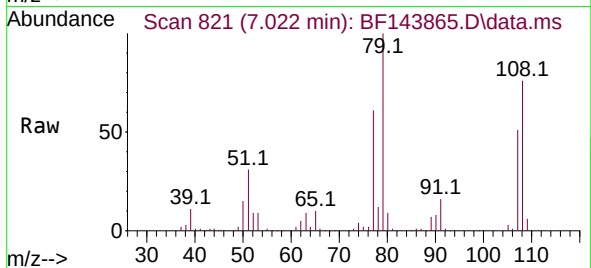
Tgt Ion:146 Resp: 402266
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 43.2 34.3 51.5



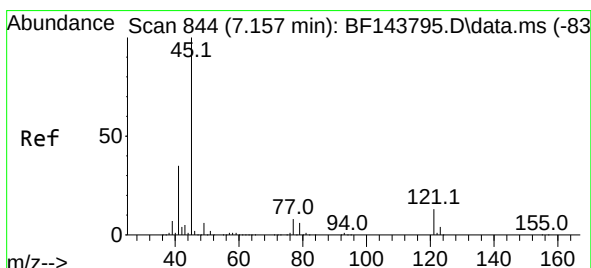
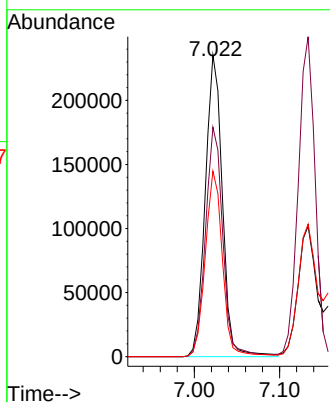
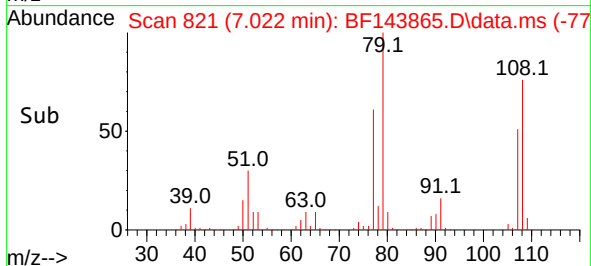


#15
Benzyl Alcohol
Concen: 48.314 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

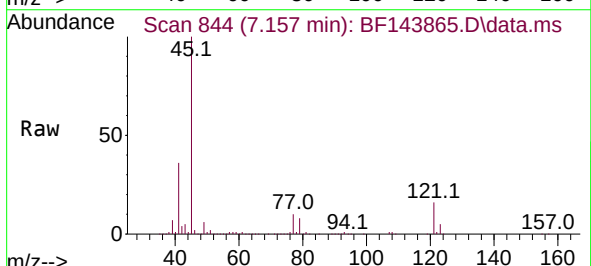
Instrument :
BNA_F
ClientSampleId :



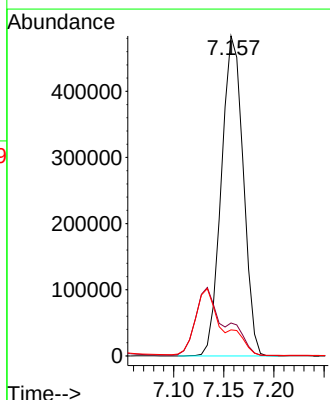
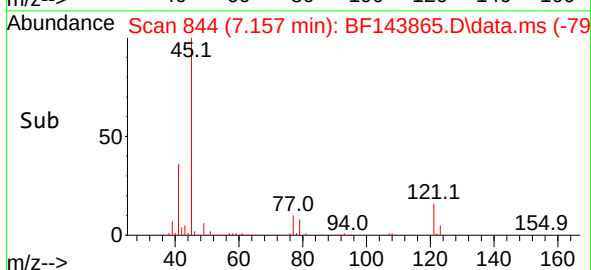
Tgt Ion: 79 Resp: 327998
Ion Ratio Lower Upper
79 100
108 76.0 60.5 90.7
77 61.5 50.3 75.5

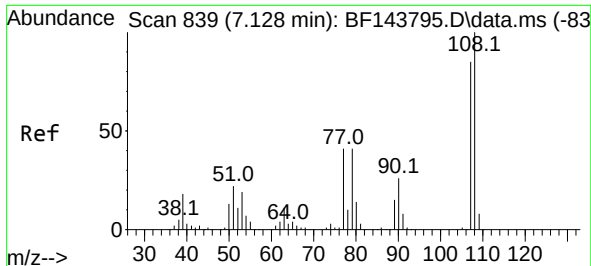


#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.161 ng
RT: 7.157 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



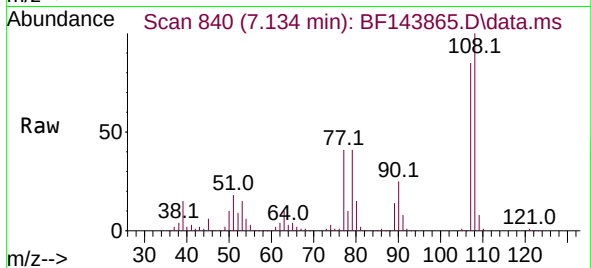
Tgt Ion: 45 Resp: 734032
Ion Ratio Lower Upper
45 100
77 10.3 0.0 28.5
79 8.2 0.0 26.3



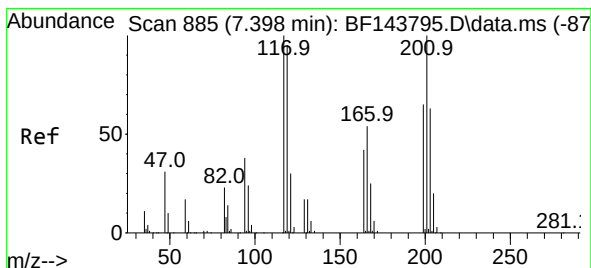
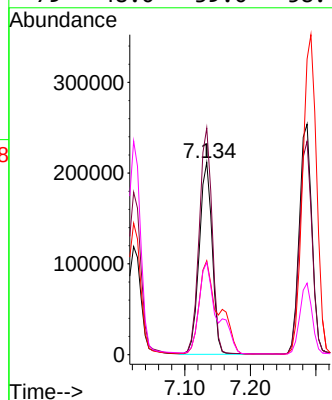
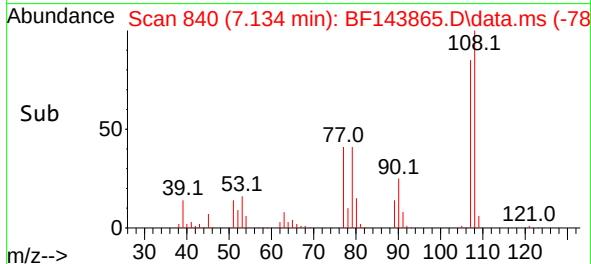


#17
2-Methylphenol
Concen: 44.898 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

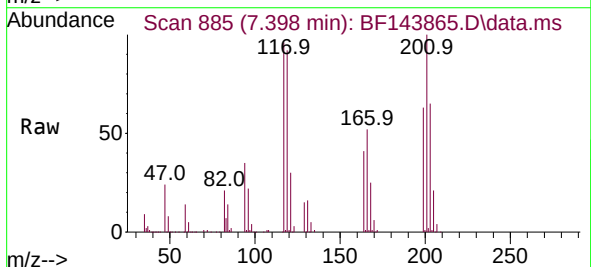
Instrument :
BNA_F
ClientSampleId :



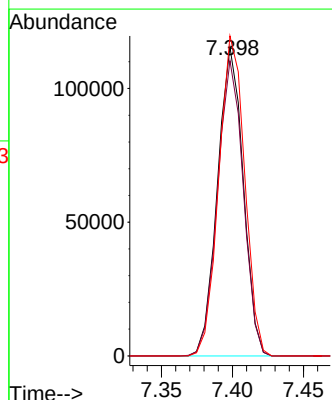
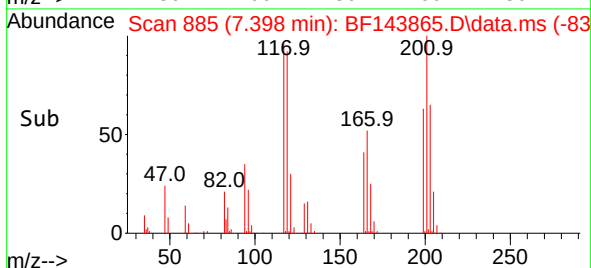
Tgt Ion:	107	Resp:	289359
Ion	Ratio	Lower	Upper
107	100		
108	118.0	94.2	141.4
77	48.8	38.6	58.0
79	48.0	39.0	58.4

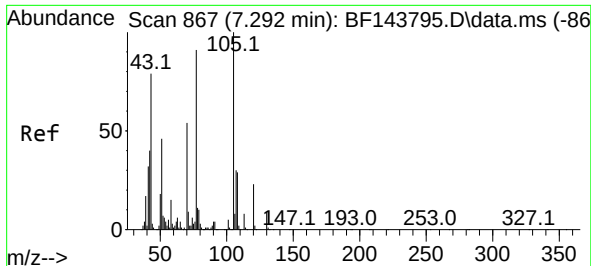


#18
Hexachloroethane
Concen: 42.877 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion:	117	Resp:	145445
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.2
201	103.7	79.7	119.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.441 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

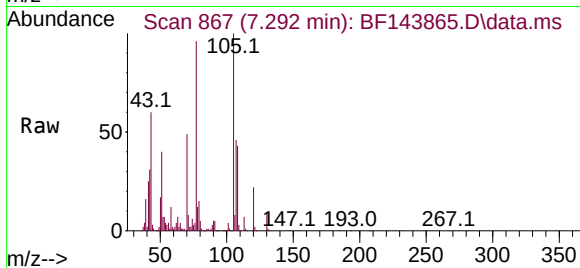
Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 70 Resp: 262459

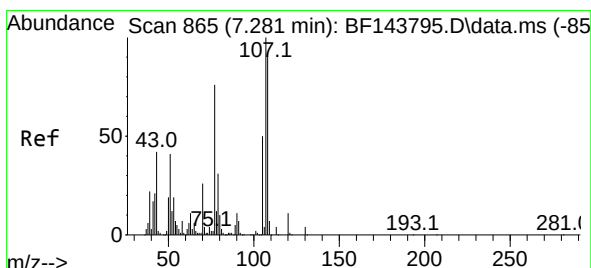
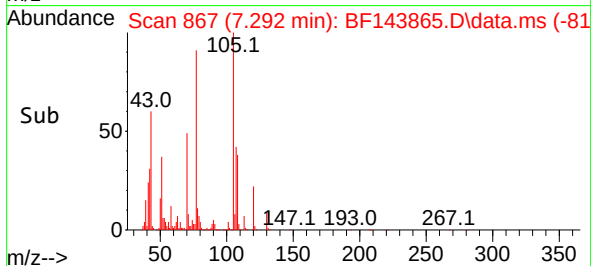
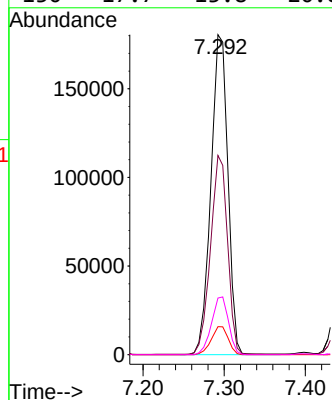
Ion Ratio Lower Upper

70 100

42 62.2 59.4 89.0

101 8.7 7.1 10.7

130 17.7 13.8 20.8



#20

3+4-Methylphenols

Concen: 43.487 ng

RT: 7.286 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion: 107 Resp: 341307

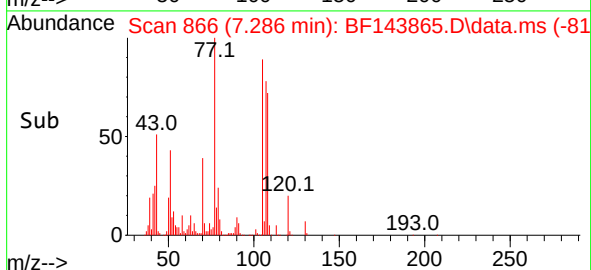
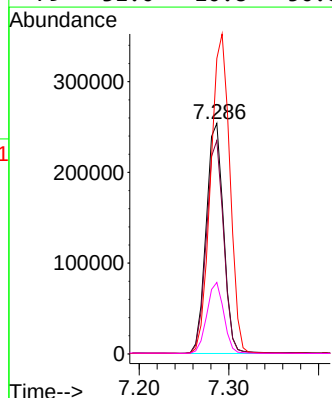
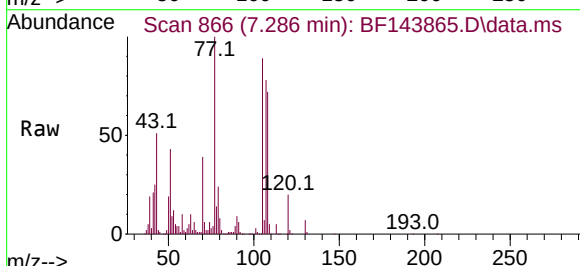
Ion Ratio Lower Upper

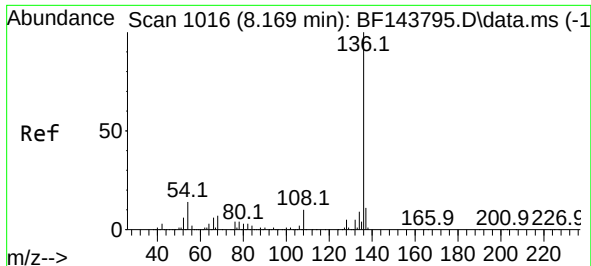
107 100

108 92.6 72.5 112.5

77 128.2 56.2 96.2

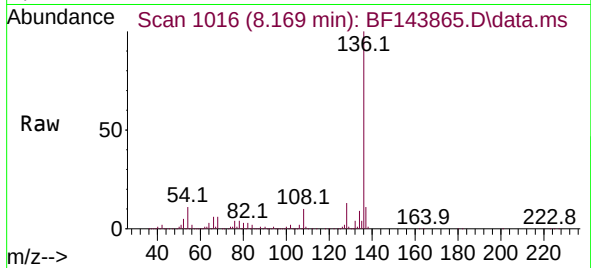
79 31.0 10.8 50.8



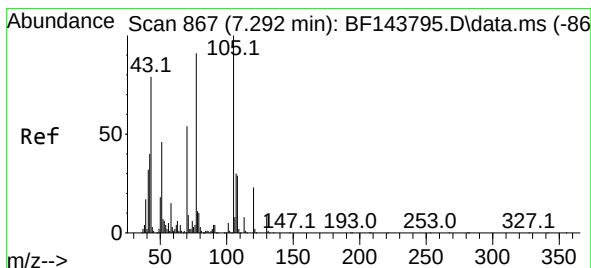
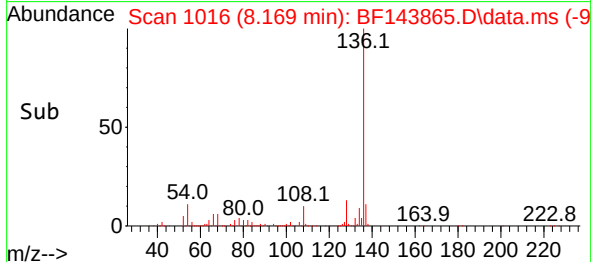
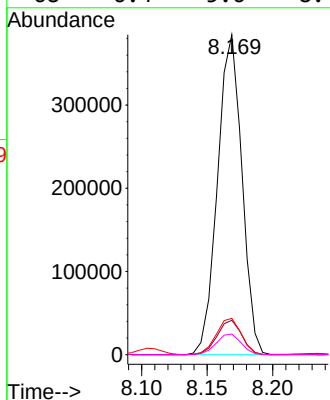


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :

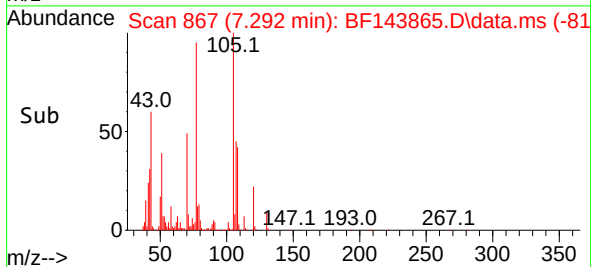
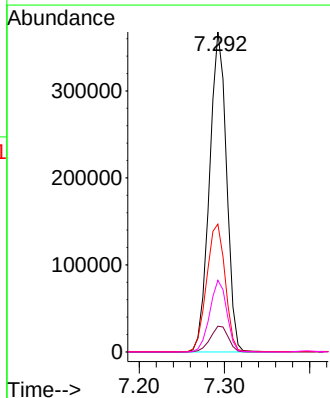
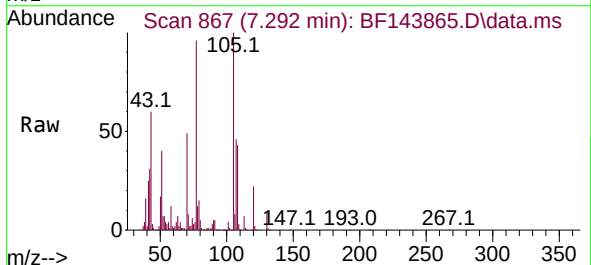


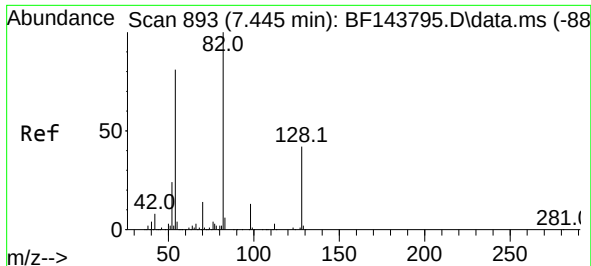
Tgt Ion:136 Resp: 498372
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 11.3 11.2 16.8
68 6.4 5.6 8.4



#22
Acetophenone
Concen: 46.717 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:105 Resp: 511367
Ion Ratio Lower Upper
105 100
71 8.0 7.0 10.4
51 39.9 36.6 55.0
120 22.4 18.1 27.1





#23

Nitrobenzene-d5

Concen: 56.007 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

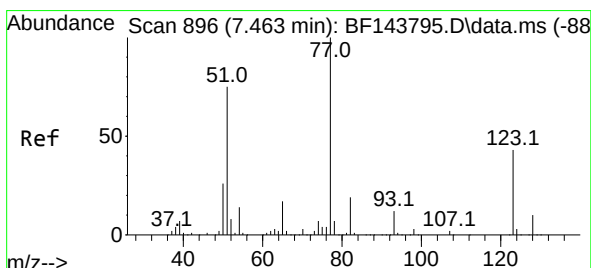
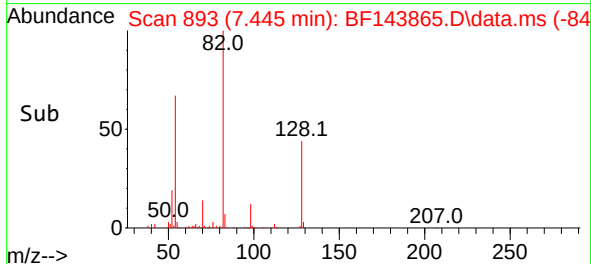
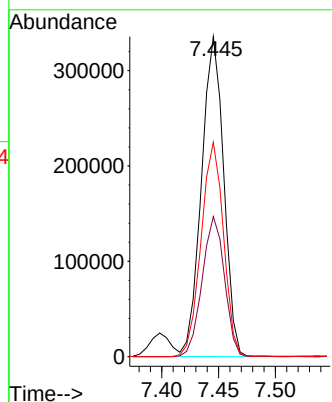
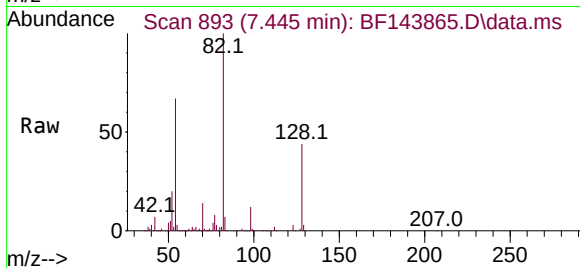
Tgt Ion: 82 Resp: 455997

Ion Ratio Lower Upper

82 100

128 43.8 33.3 49.9

54 67.0 64.2 96.4



#24

Nitrobenzene

Concen: 44.690 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

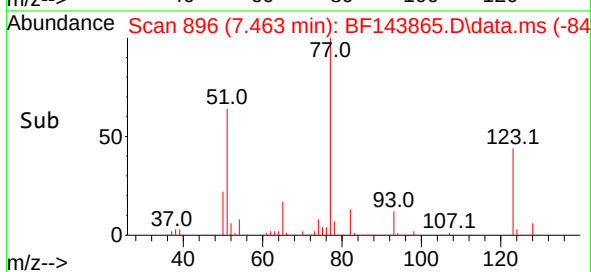
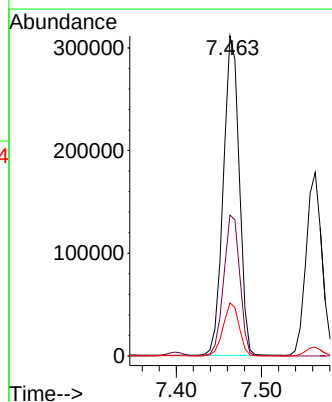
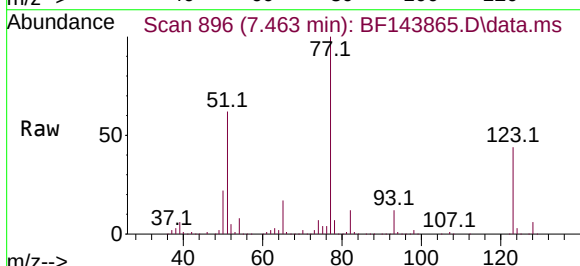
Tgt Ion: 77 Resp: 403311

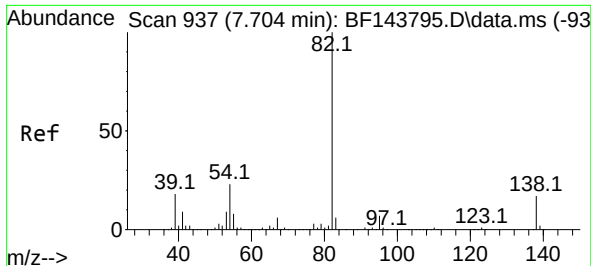
Ion Ratio Lower Upper

77 100

123 44.0 34.0 51.0

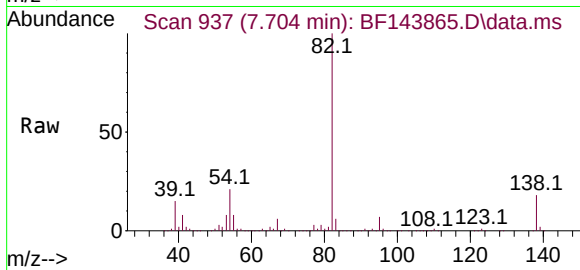
65 16.6 13.5 20.3



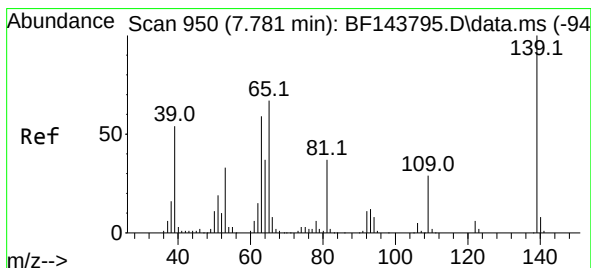
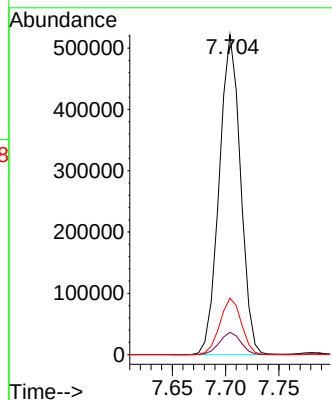
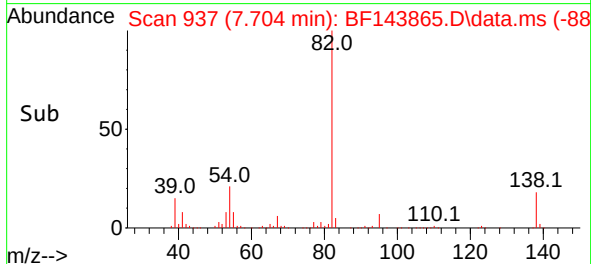


#25
Isophorone
Concen: 45.775 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :

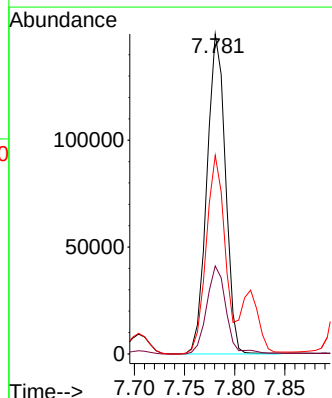
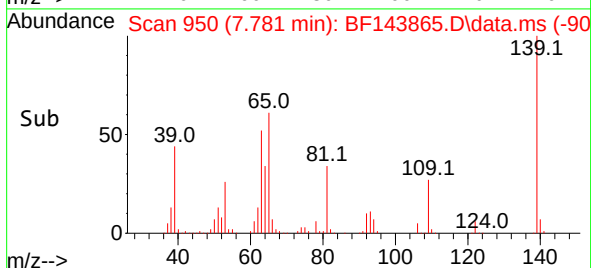
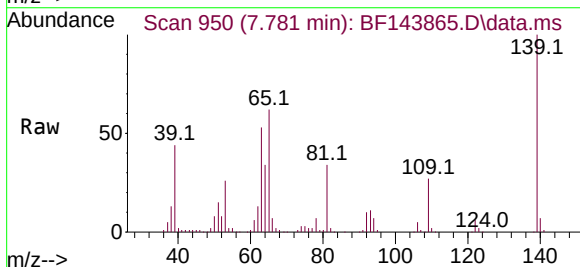


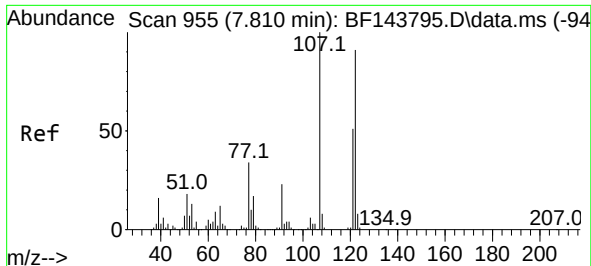
Tgt Ion: 82 Resp: 726249
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.6 13.7 20.5



#26
2-Nitrophenol
Concen: 51.623 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion: 139 Resp: 192067
Ion Ratio Lower Upper
139 100
109 27.5 23.3 34.9
65 62.0 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 48.335 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.000 min

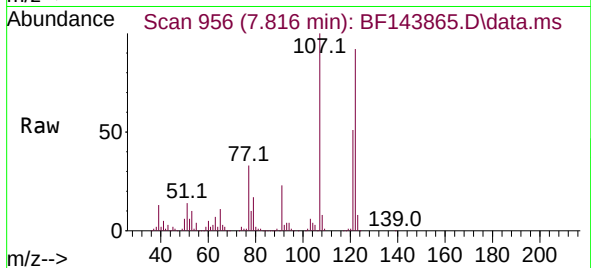
Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :



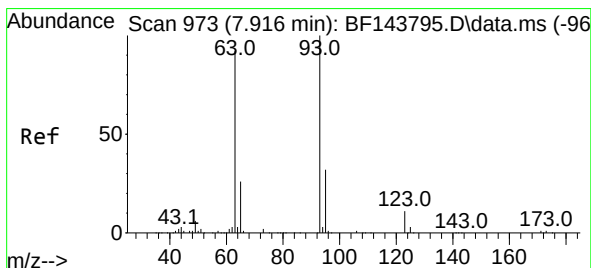
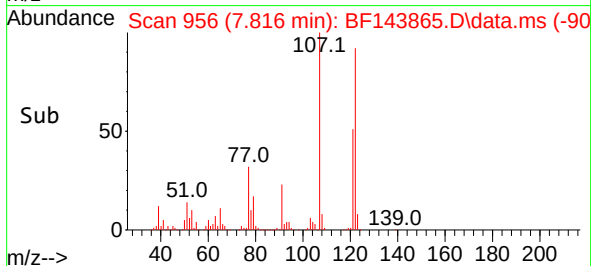
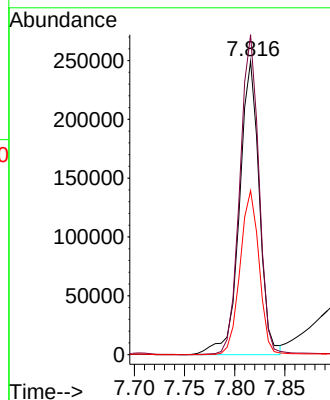
Tgt Ion:122 Resp: 342762

Ion Ratio Lower Upper

122 100

107 109.1 87.5 131.3

121 55.9 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.771 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

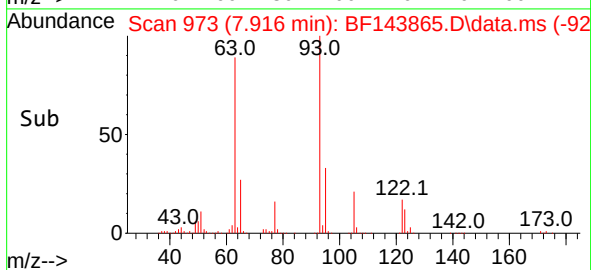
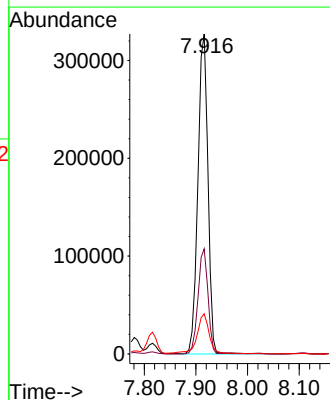
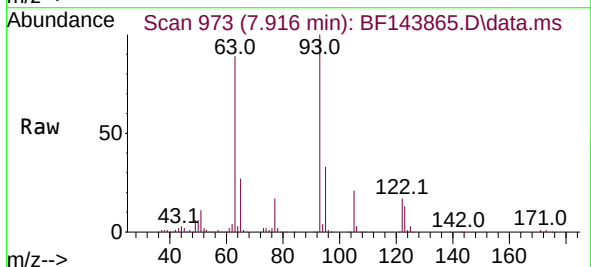
Tgt Ion: 93 Resp: 440881

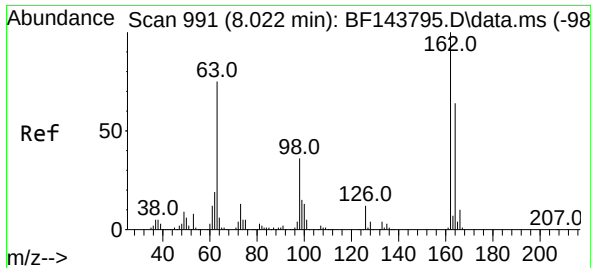
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

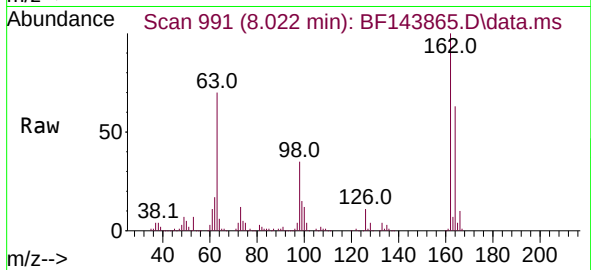
123 12.5 8.8 13.2



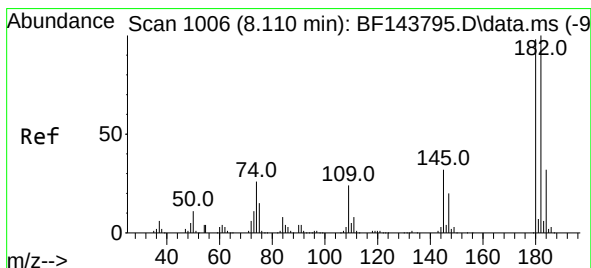
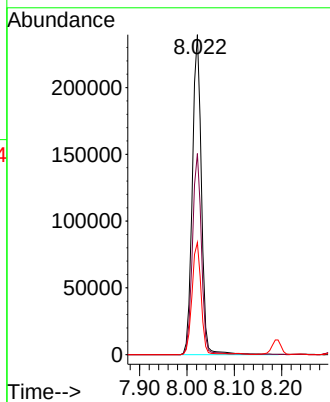
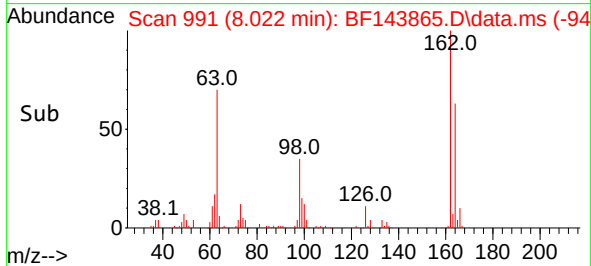


#29
2,4-Dichlorophenol
Concen: 45.630 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

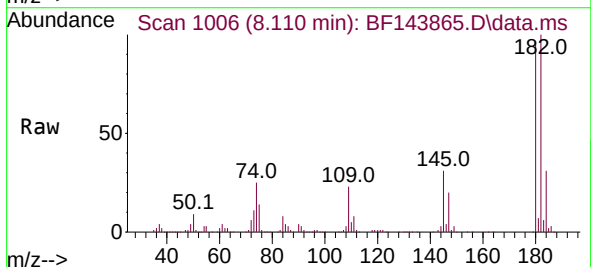
Instrument :
BNA_F
ClientSampleId :



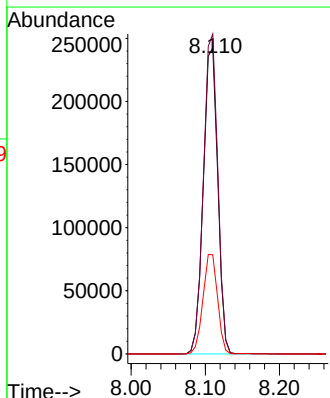
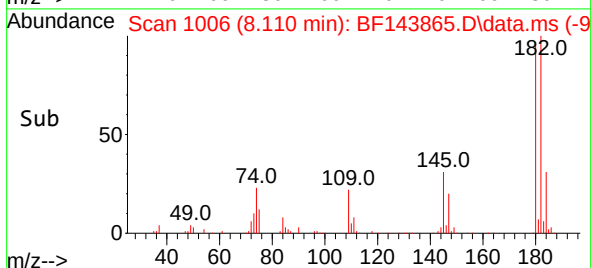
Tgt Ion:162 Resp: 318390
Ion Ratio Lower Upper
162 100
164 62.8 44.1 84.1
98 35.0 15.8 55.8

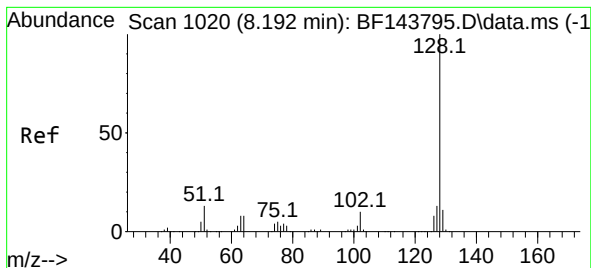


#30
1,2,4-Trichlorobenzene
Concen: 45.521 ng
RT: 8.110 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion:180 Resp: 329632
Ion Ratio Lower Upper
180 100
182 104.5 82.0 123.0
145 32.4 25.9 38.9





#31

Naphthalene

Concen: 42.537 ng

RT: 8.192 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

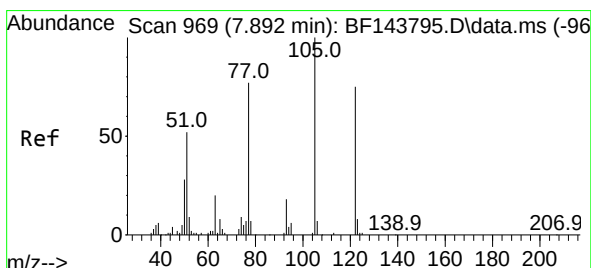
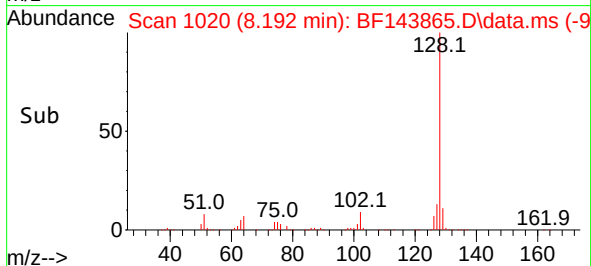
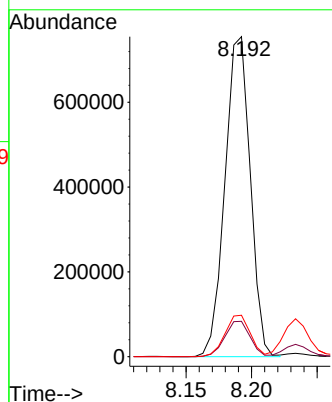
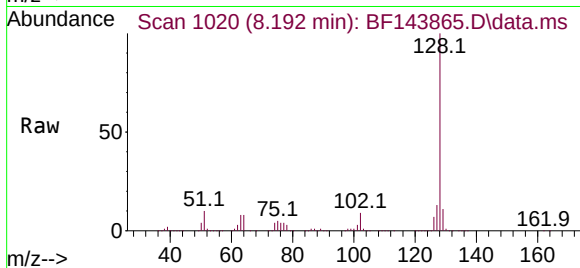
Tgt Ion:128 Resp: 1014845

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.2 15.4



#32

Benzoic acid

Concen: 70.540 ng

RT: 7.928 min Scan# 975

Delta R.T. 0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

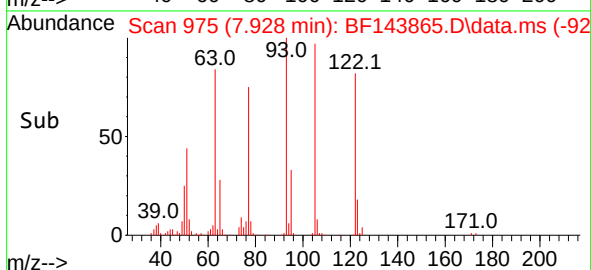
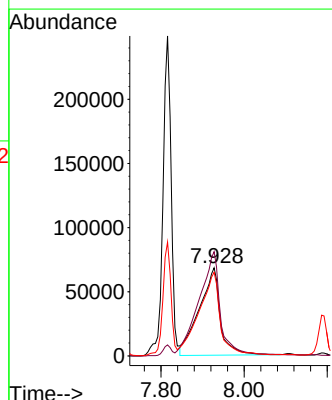
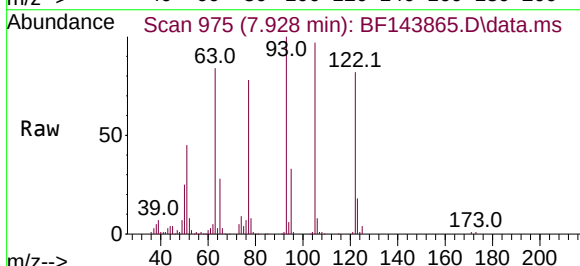
Tgt Ion:122 Resp: 241347

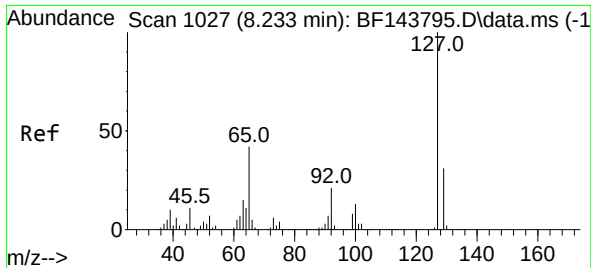
Ion Ratio Lower Upper

122 100

105 118.3 103.7 143.7

77 95.0 78.8 118.8

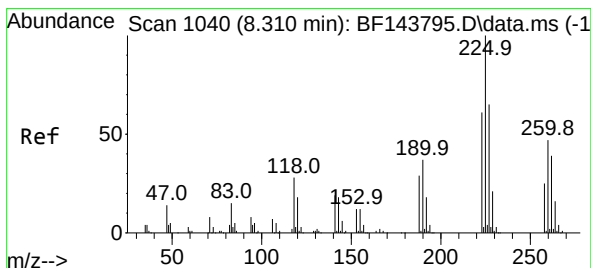
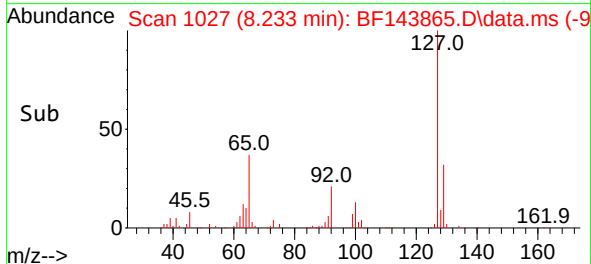
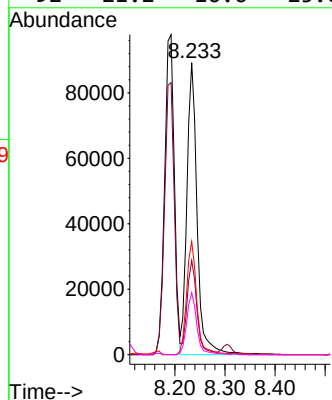
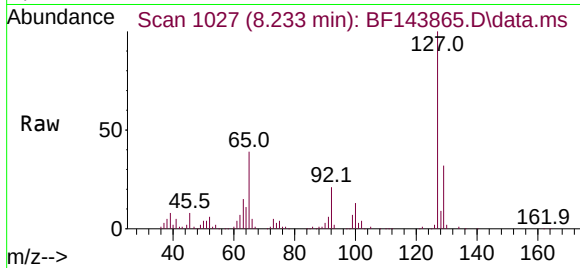




#33
4-Chloroaniline
Concen: 15.177 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

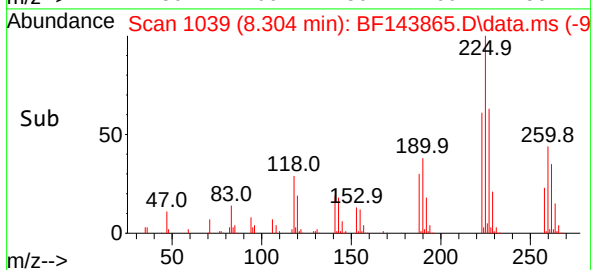
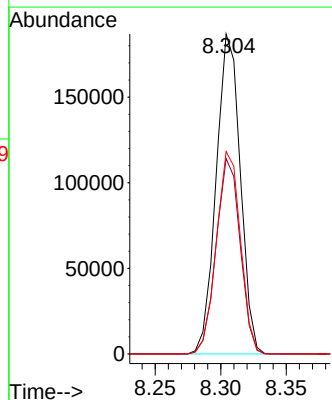
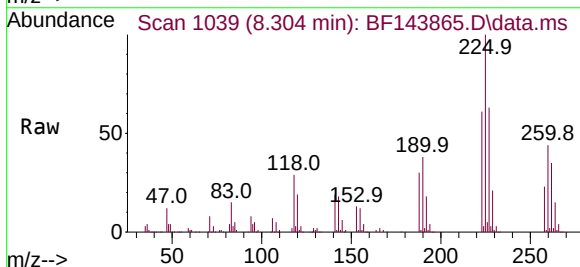
Instrument :
BNA_F
ClientSampleId :

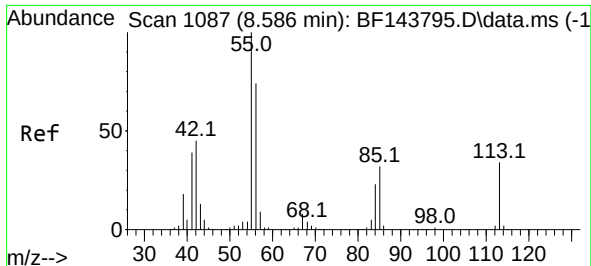
Tgt Ion:	127	Resp:	127248
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	38.7	33.4	50.2
92	21.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.360 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:	225	Resp:	239462
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.6	72.8
227	63.2	51.9	77.9

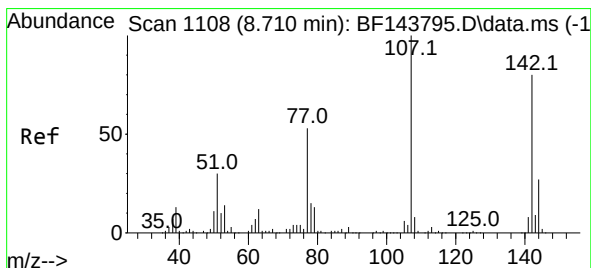
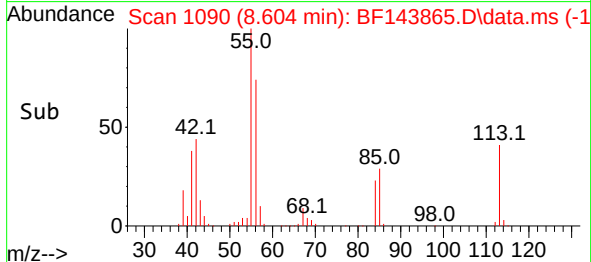
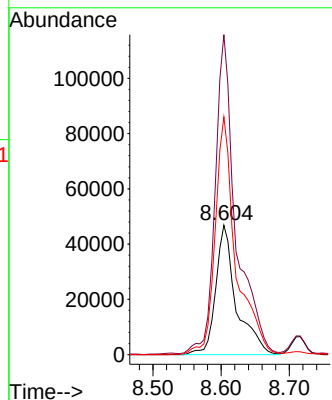
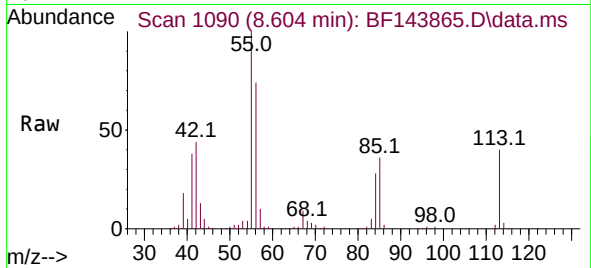




#35
 Caprolactam
 Concen: 55.119 ng
 RT: 8.604 min Scan# 1109
 Delta R.T. -0.006 min
 Lab File: BF143865.D
 Acq: 02 Oct 2025 20:07

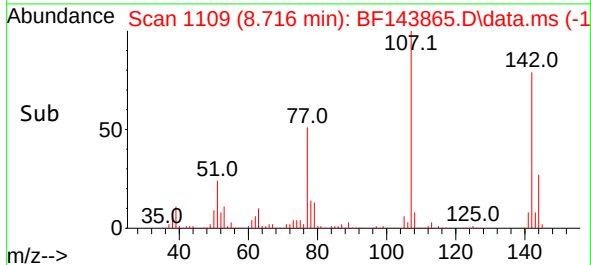
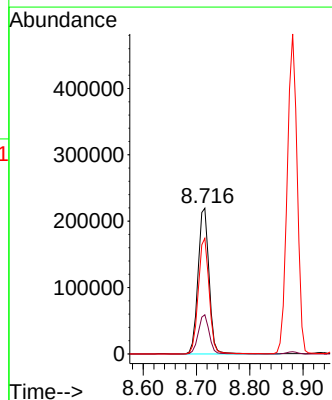
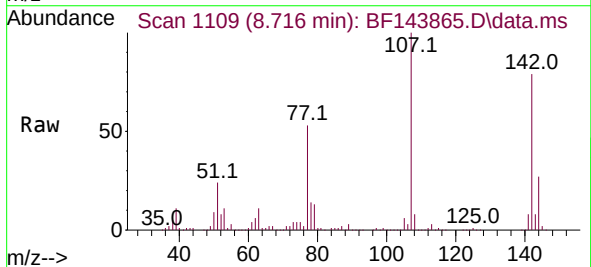
Instrument :
 BNA_F
 ClientSampleId :

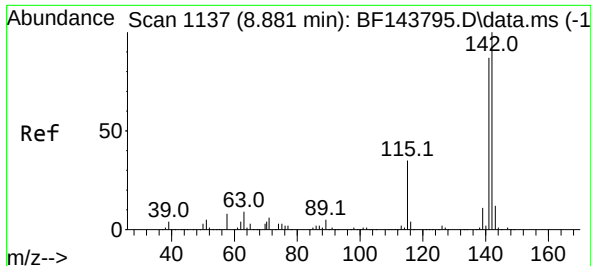
Tgt Ion:113 Resp: 98305
 Ion Ratio Lower Upper
 113 100
 55 247.4 271.7 311.7#
 56 183.8 194.5 234.5#



#36
 4-Chloro-3-methylphenol
 Concen: 48.105 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143865.D
 Acq: 02 Oct 2025 20:07

Tgt Ion:107 Resp: 314805
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.8 32.8
 142 79.4 63.6 95.4





#37

2-Methylnaphthalene

Concen: 41.020 ng

RT: 8.880 min Scan# 1137

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

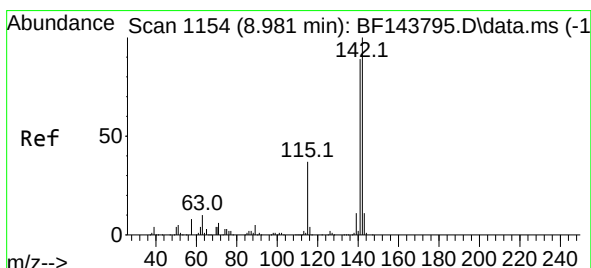
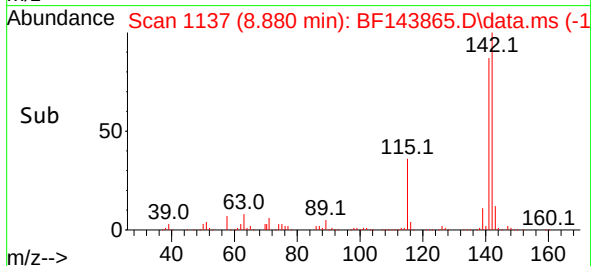
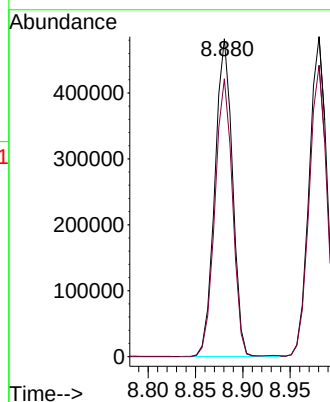
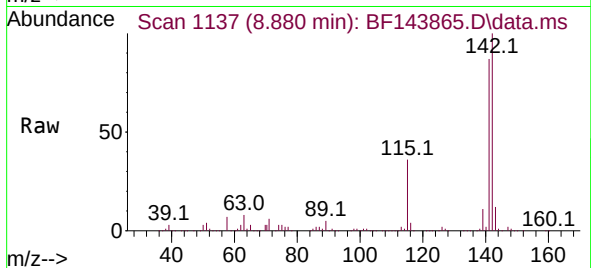
ClientSampleId :

Tgt Ion:142 Resp: 624027

Ion Ratio Lower Upper

142 100

141 87.4 69.4 104.0



#38

1-Methylnaphthalene

Concen: 42.822 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF143865.D

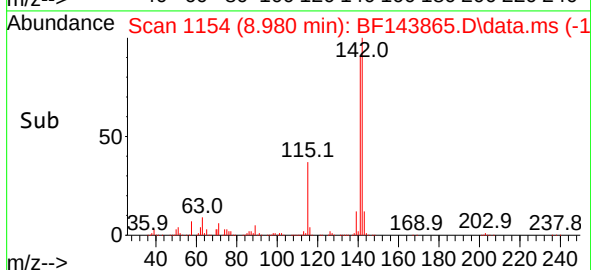
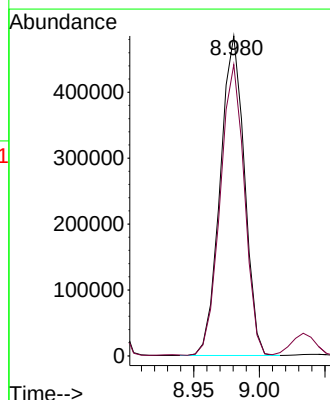
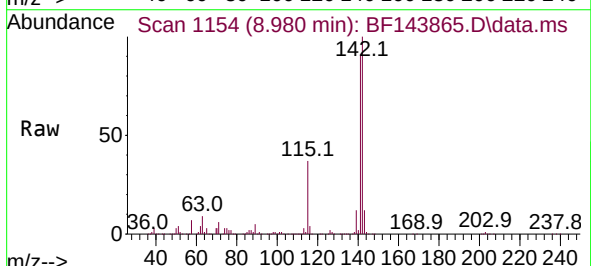
Acq: 02 Oct 2025 20:07

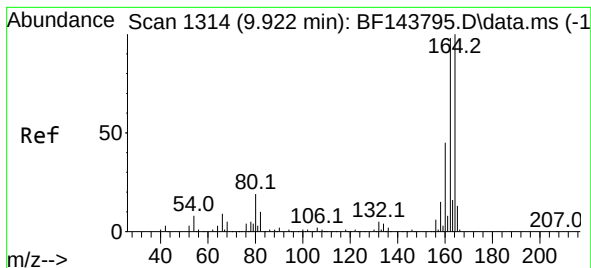
Tgt Ion:142 Resp: 623542

Ion Ratio Lower Upper

142 100

141 91.0 71.1 106.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1314

Delta R.T. -0.001 min

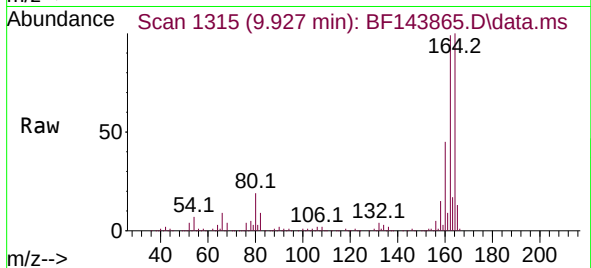
Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :



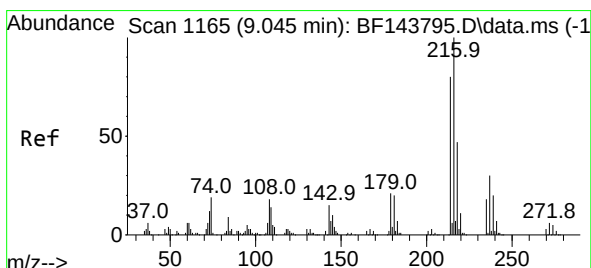
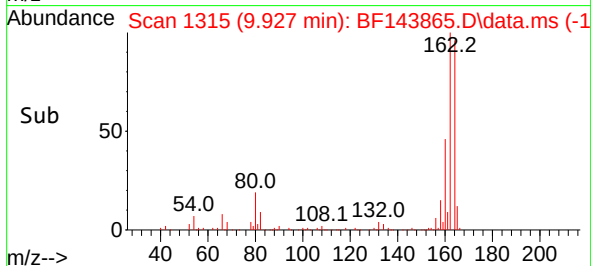
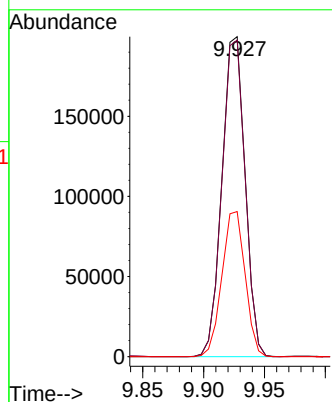
Tgt Ion:164 Resp: 264381

Ion Ratio Lower Upper

164 100

162 98.9 78.8 118.2

160 45.3 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.748 ng

RT: 9.045 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion:216 Resp: 365001

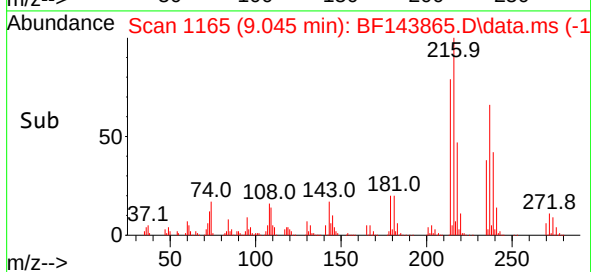
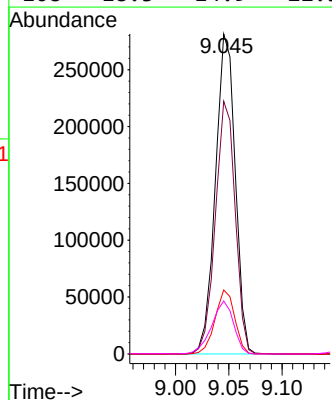
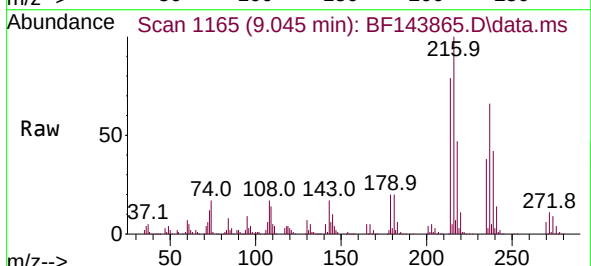
Ion Ratio Lower Upper

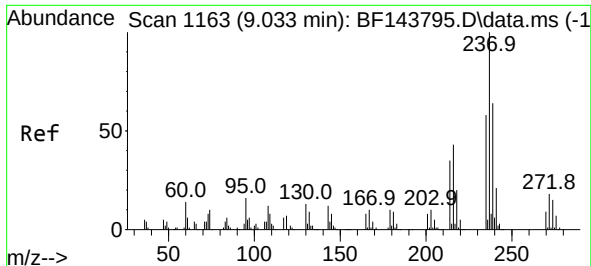
216 100

214 78.9 63.7 95.5

179 19.8 16.5 24.7

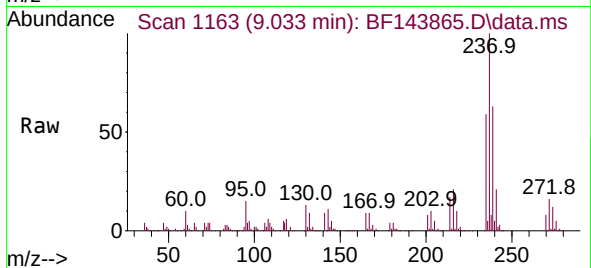
108 18.3 14.9 22.3



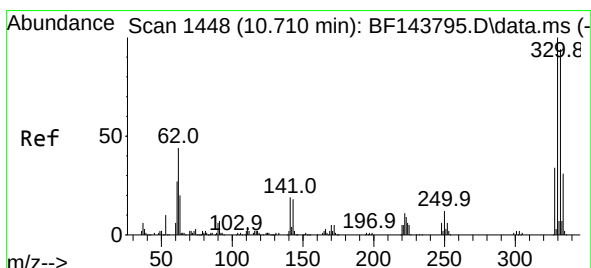
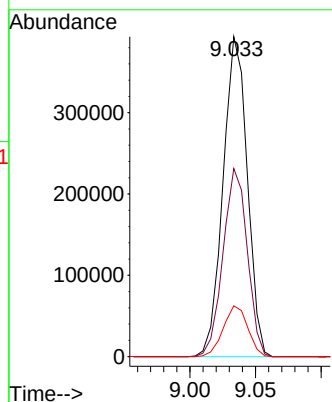
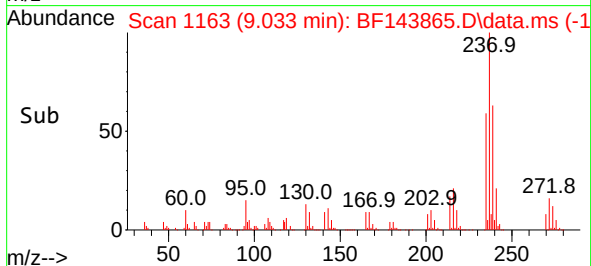


#41
Hexachlorocyclopentadiene
Concen: 100.088 ng
RT: 9.033 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

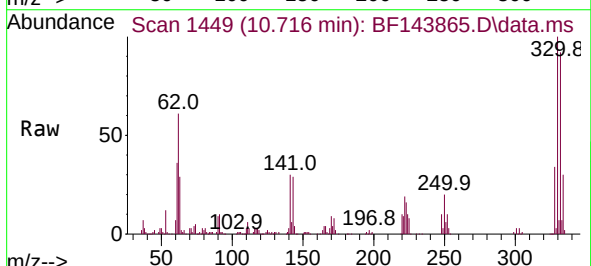
Instrument :
BNA_F
ClientSampleId :



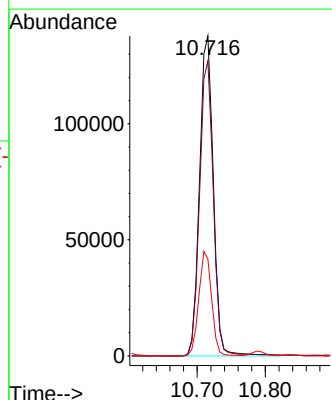
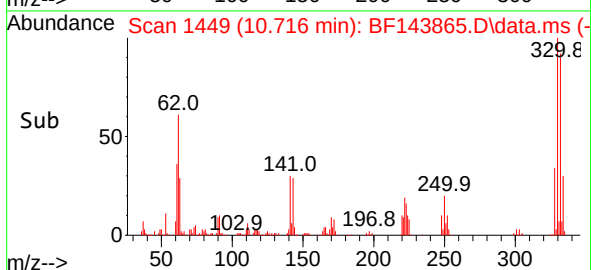
Tgt Ion:237 Resp: 506103
Ion Ratio Lower Upper
237 100
235 58.8 38.1 78.1
272 15.9 0.0 37.9

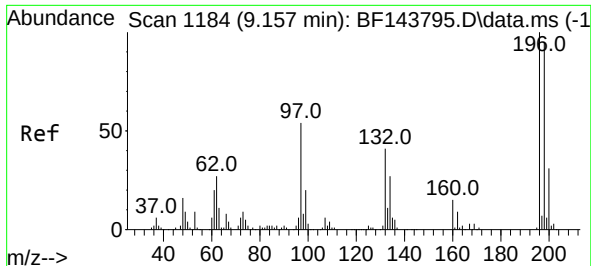


#42
2,4,6-Tribromophenol
Concen: 49.531 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion:330 Resp: 193892
Ion Ratio Lower Upper
330 100
332 92.0 74.7 112.1
141 30.4 14.3 21.5





#43

2,4,6-Trichlorophenol

Concen: 46.924 ng

RT: 9.157 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

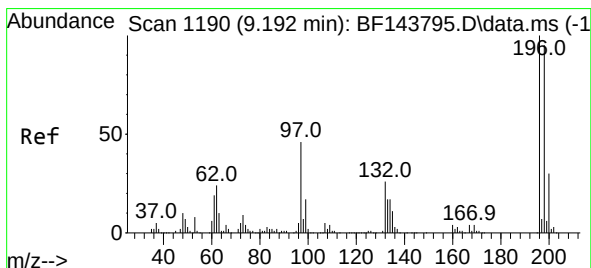
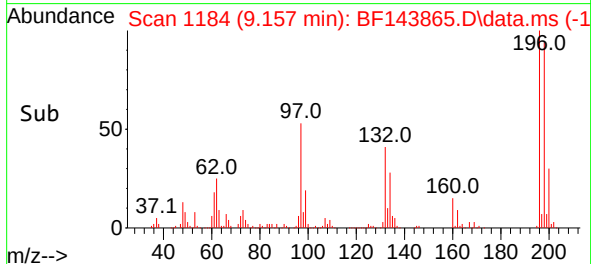
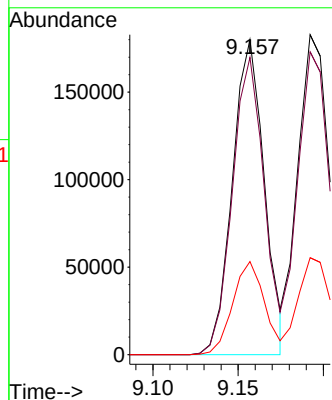
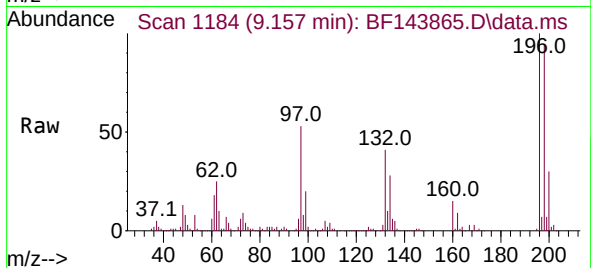
Tgt Ion:196 Resp: 234428

Ion Ratio Lower Upper

196 100

198 94.4 76.2 114.2

200 29.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 46.173 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Tgt Ion:196 Resp: 241280

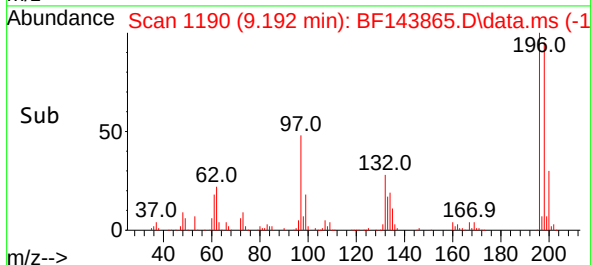
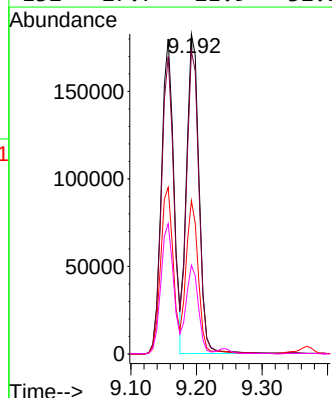
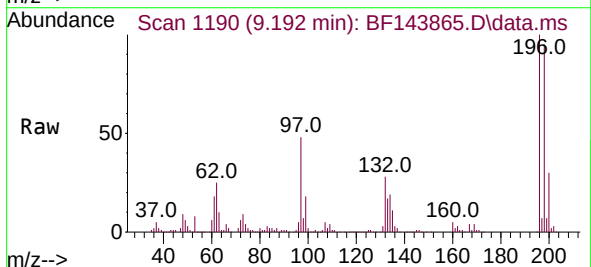
Ion Ratio Lower Upper

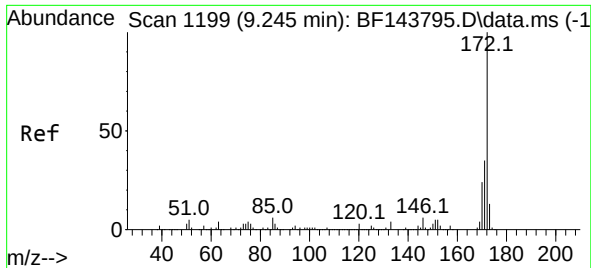
196 100

198 94.6 75.9 113.9

97 47.9 38.3 57.5

132 27.7 21.9 32.9

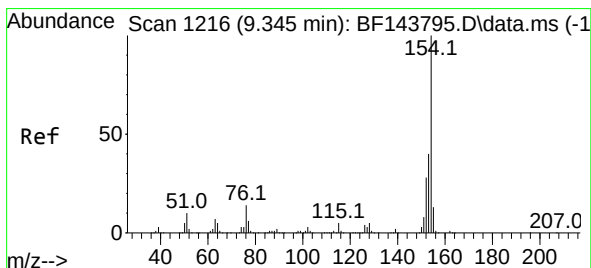
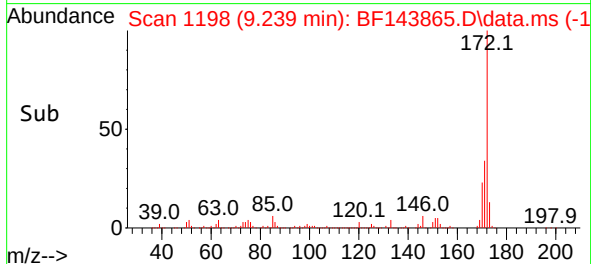
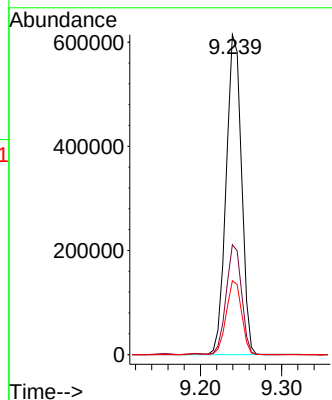
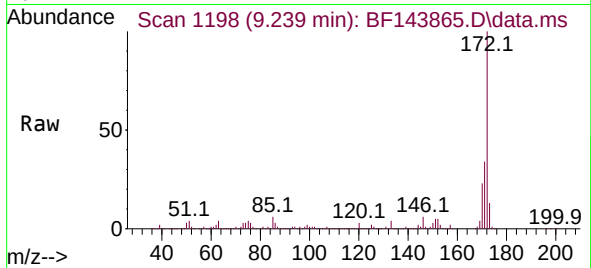




#45
2-Fluorobiphenyl
Concen: 47.569 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

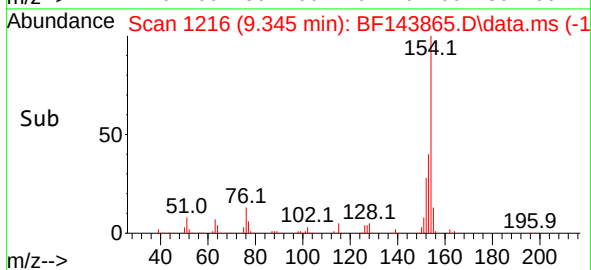
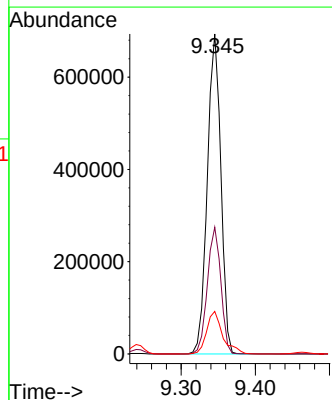
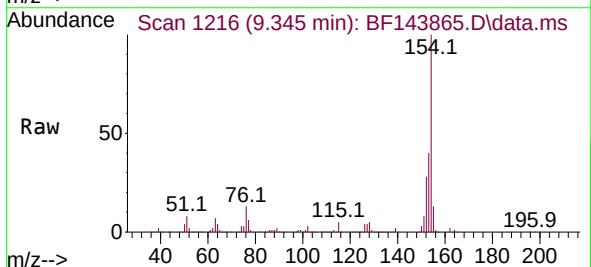
Instrument :
BNA_F
ClientSampleId :

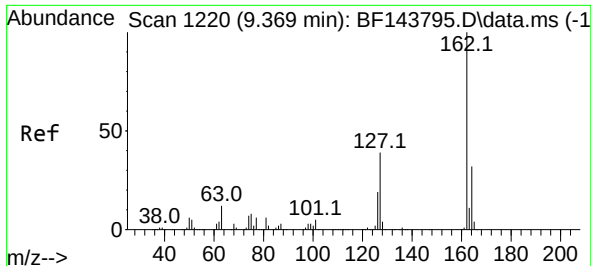
Tgt Ion:172 Resp: 805920
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 45.870 ng
RT: 9.345 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

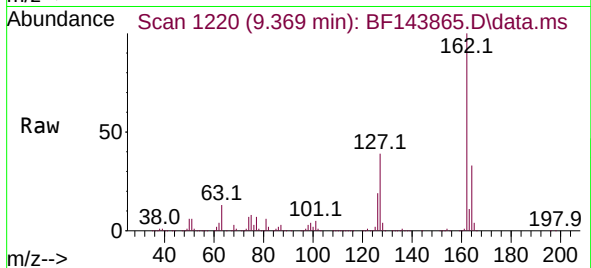
Tgt Ion:154 Resp: 877857
Ion Ratio Lower Upper
154 100
153 39.6 19.7 59.7
76 13.3 0.0 33.8



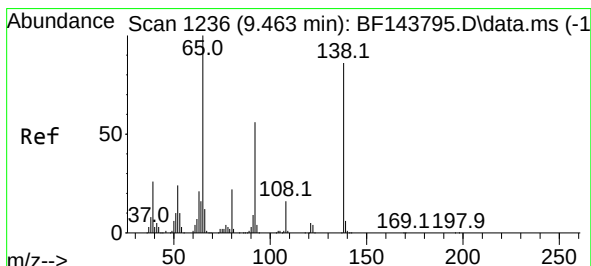
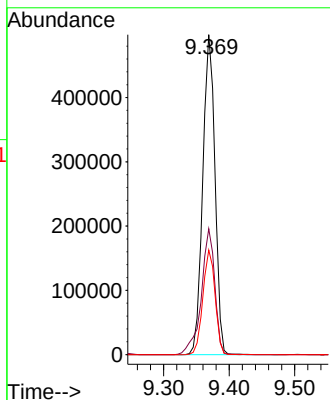
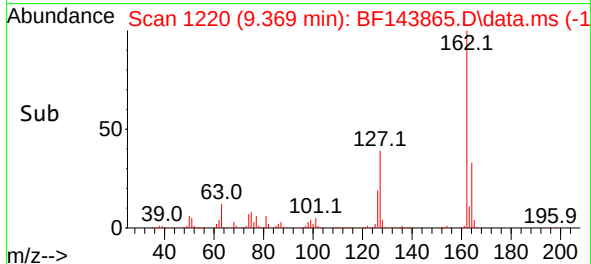


#47
2-Chloronaphthalene
Concen: 41.558 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

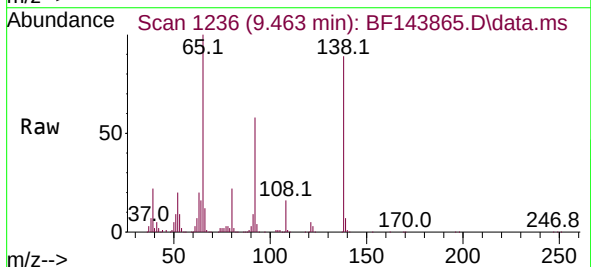
Instrument :
BNA_F
ClientSampleId :



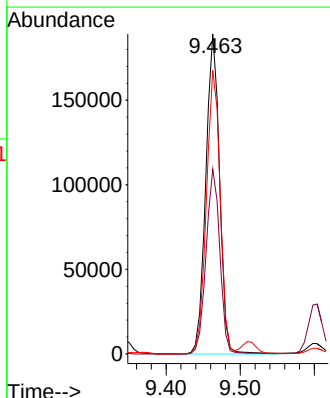
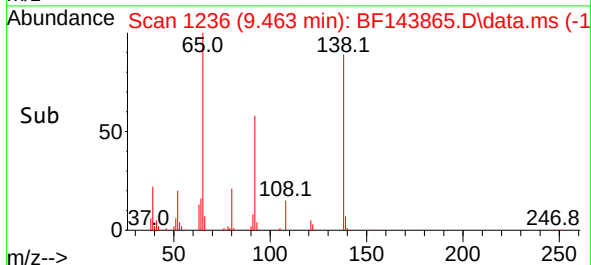
Tgt Ion:162 Resp: 640207
Ion Ratio Lower Upper
162 100
127 39.3 31.5 47.3
164 32.7 25.9 38.9

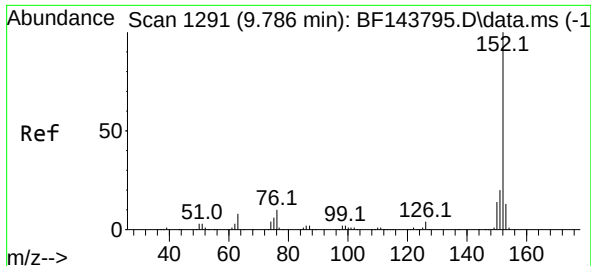


#48
2-Nitroaniline
Concen: 52.549 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion: 65 Resp: 244664
Ion Ratio Lower Upper
65 100
92 57.8 44.9 67.3
138 88.6 69.0 103.4





#49

Acenaphthylene

Concen: 48.992 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

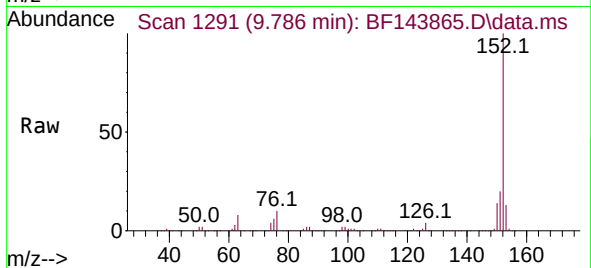
Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :



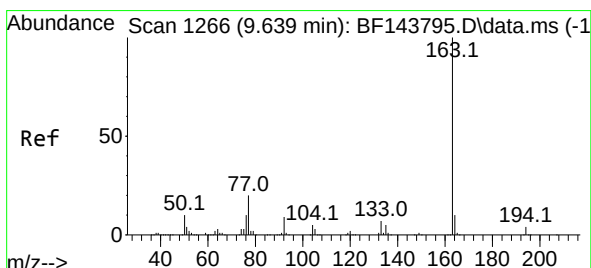
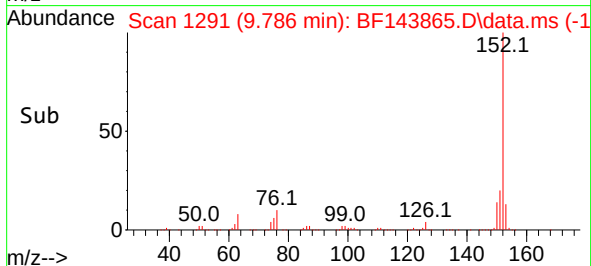
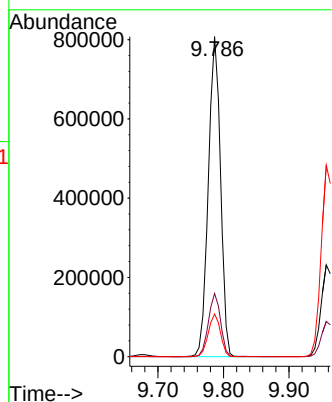
Tgt Ion:152 Resp: 1038980

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.4 10.6 15.8



#50

Dimethylphthalate

Concen: 46.985 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

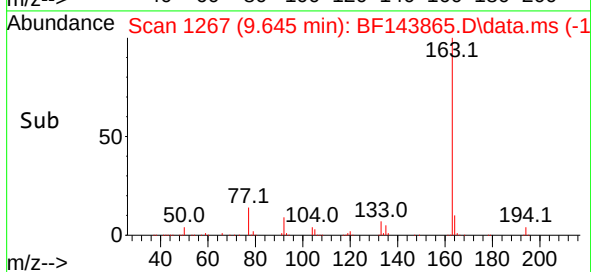
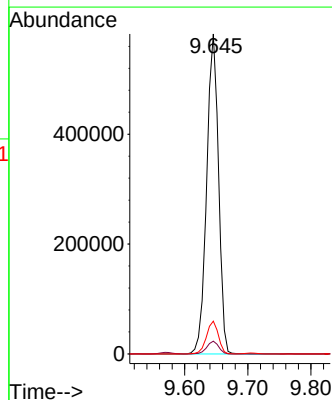
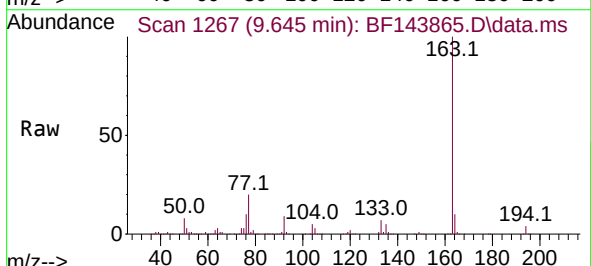
Tgt Ion:163 Resp: 757119

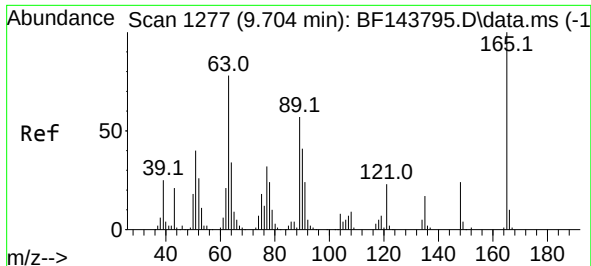
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

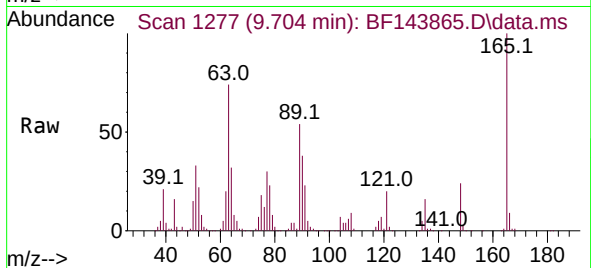
164 10.2 8.2 12.2



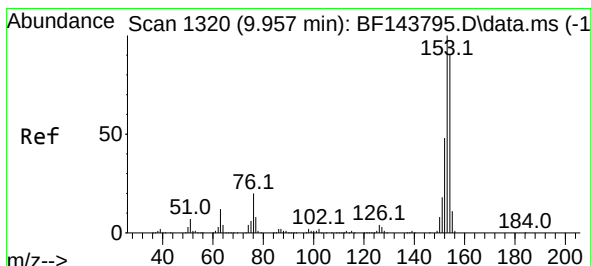
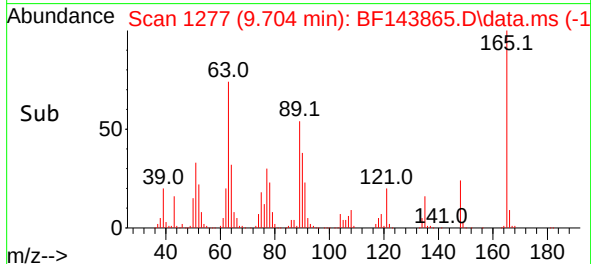
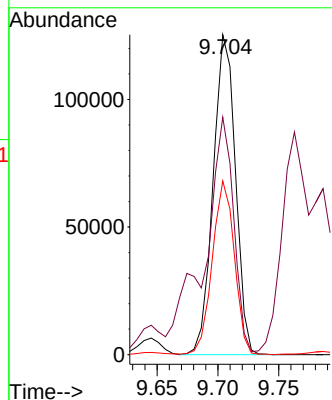


#51
2,6-Dinitrotoluene
Concen: 60.256 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :

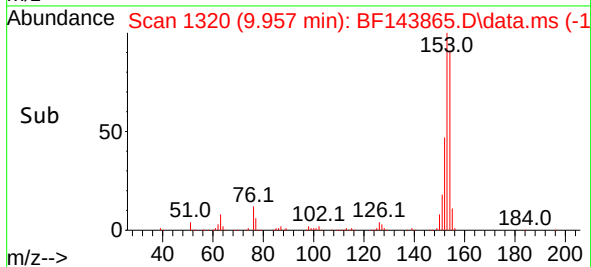
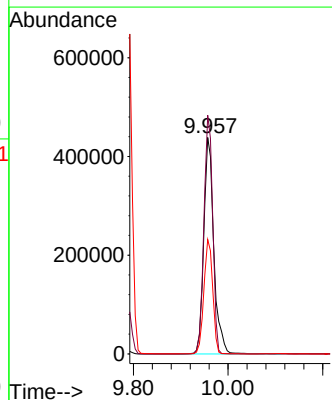
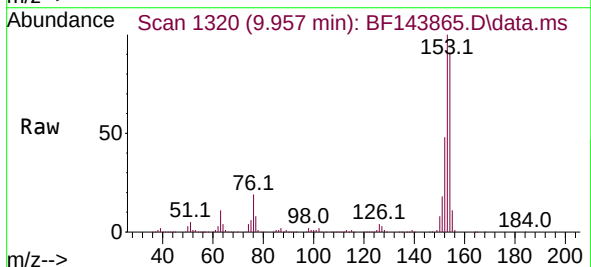


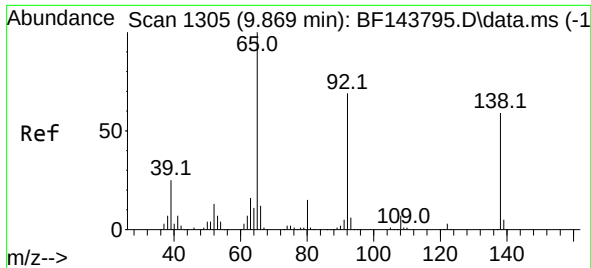
Tgt Ion:165 Resp: 159530
Ion Ratio Lower Upper
165 100
63 74.2 62.6 94.0
89 54.3 45.2 67.8



#52
Acenaphthene
Concen: 46.049 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:154 Resp: 642646
Ion Ratio Lower Upper
154 100
153 110.3 88.7 133.1
152 52.8 42.7 64.1

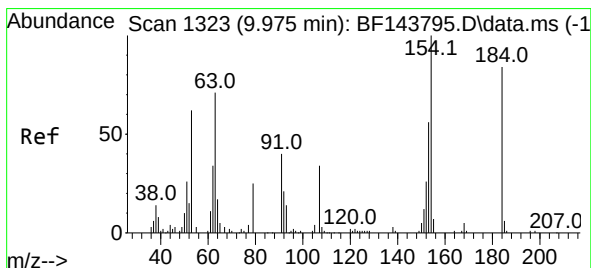
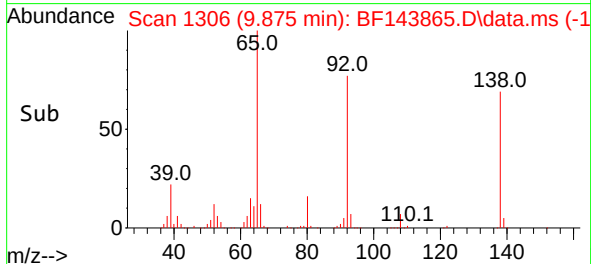
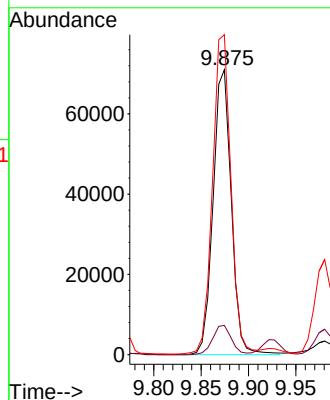
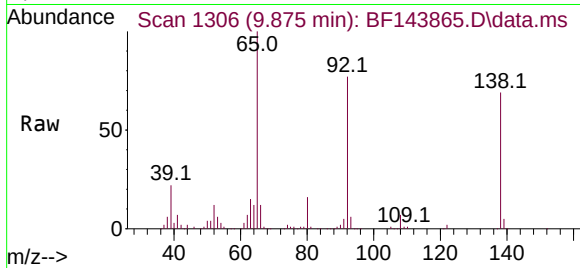




#53
3-Nitroaniline
Concen: 29.577 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

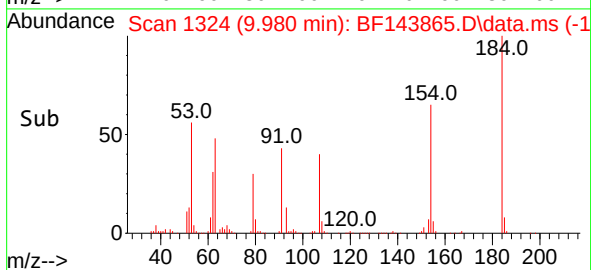
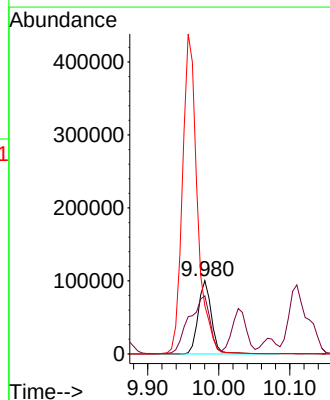
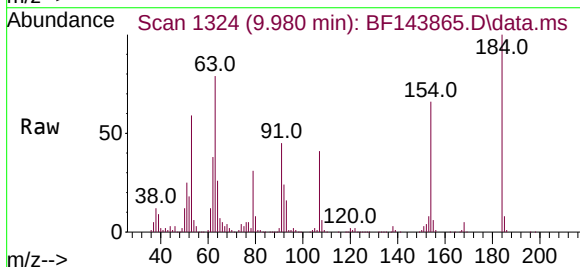
Instrument :
BNA_F
ClientSampleId :

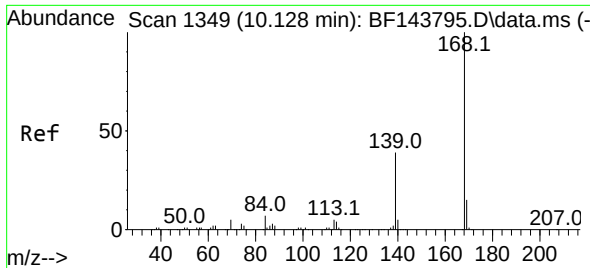
Tgt Ion:138 Resp: 94917
Ion Ratio Lower Upper
138 100
108 10.2 9.9 14.9
92 112.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 99.763 ng
RT: 9.980 min Scan# 1324
Delta R.T. 0.005 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:184 Resp: 130560
Ion Ratio Lower Upper
184 100
63 79.2 84.6 127.0#
154 65.5 199.3 298.9#

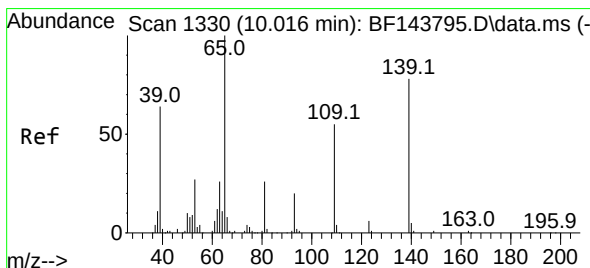
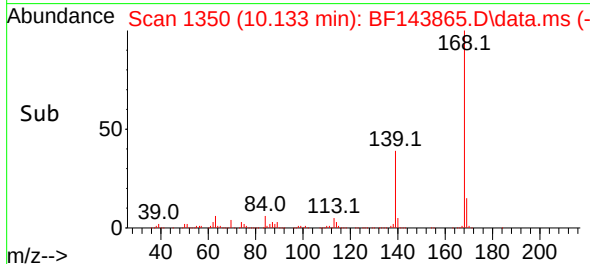
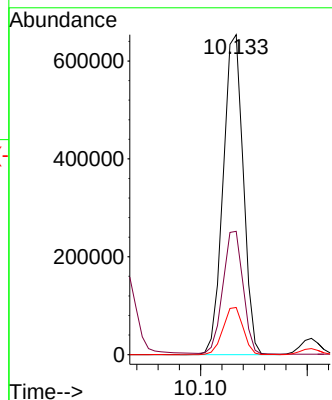
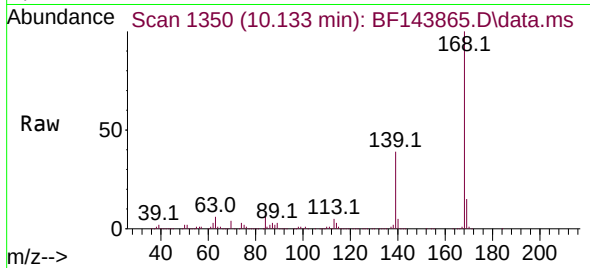




#55
Dibenzenofuran
Concen: 43.511 ng
RT: 10.133 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

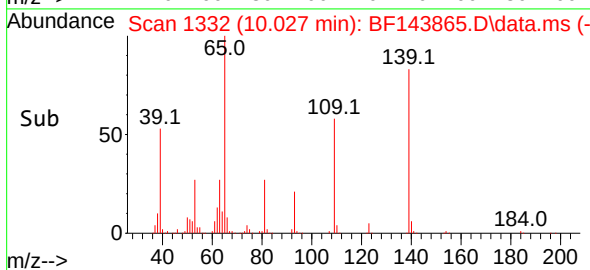
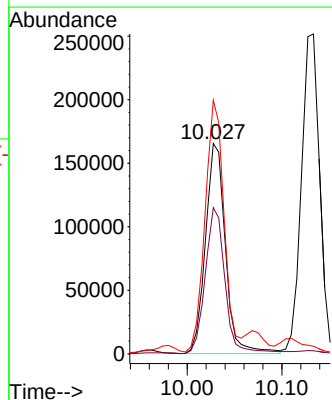
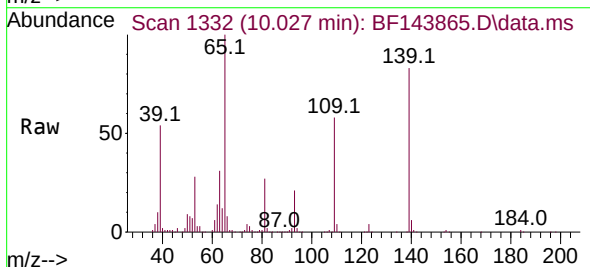
Instrument :
BNA_F
ClientSampleId :

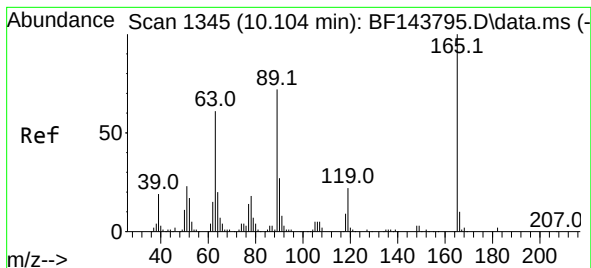
Tgt Ion:168 Resp: 858670
Ion Ratio Lower Upper
168 100
139 38.5 31.0 46.6
169 14.7 11.9 17.9



#56
4-Nitrophenol
Concen: 93.807 ng
RT: 10.027 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

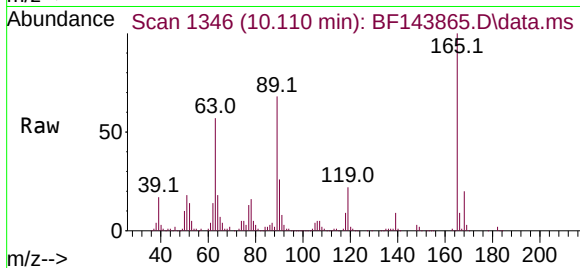
Tgt Ion:139 Resp: 242587
Ion Ratio Lower Upper
139 100
109 69.5 50.2 90.2
65 120.6 109.2 149.2



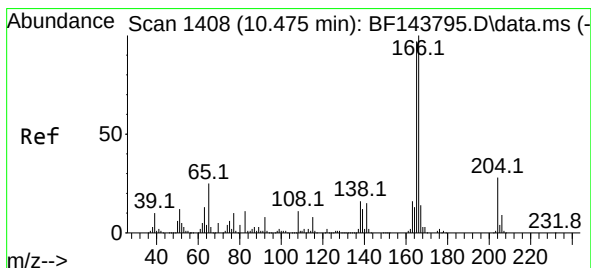
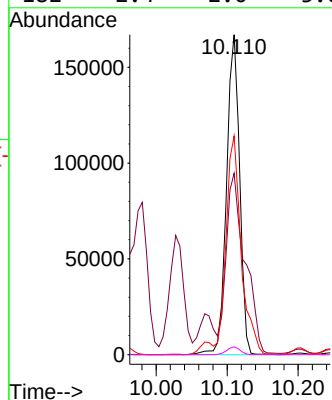
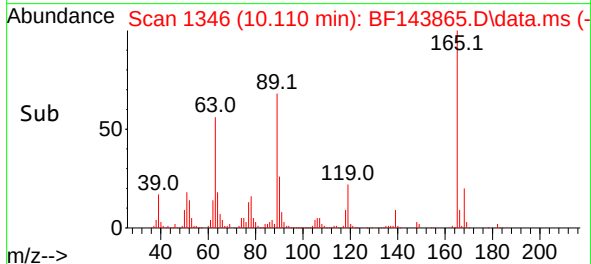


#57
2,4-Dinitrotoluene
Concen: 54.018 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

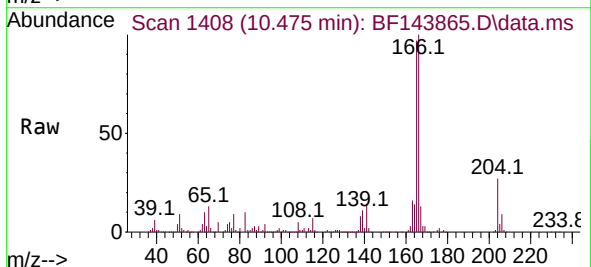
Instrument :
BNA_F
ClientSampleId :



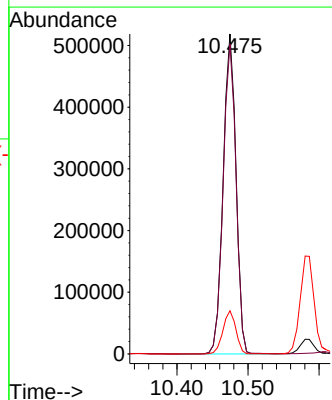
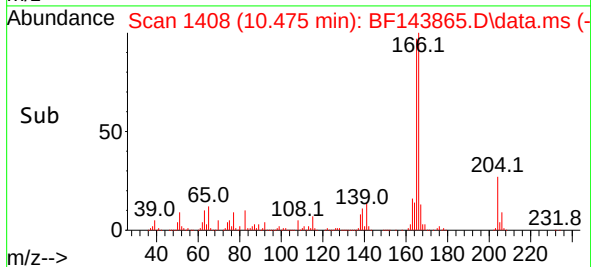
Tgt Ion:165 Resp: 213806
Ion Ratio Lower Upper
165 100
63 56.7 48.9 73.3
89 68.3 57.5 86.3
182 2.4 2.0 3.0

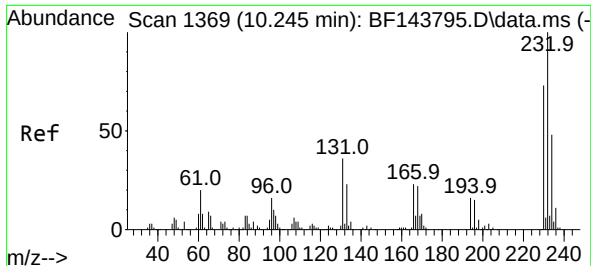


#58
Fluorene
Concen: 44.553 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



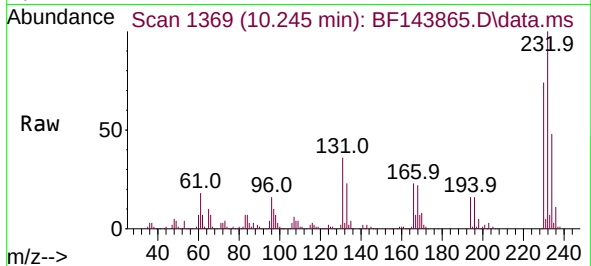
Tgt Ion:166 Resp: 653647
Ion Ratio Lower Upper
166 100
165 96.8 78.0 117.0
167 13.5 10.9 16.3



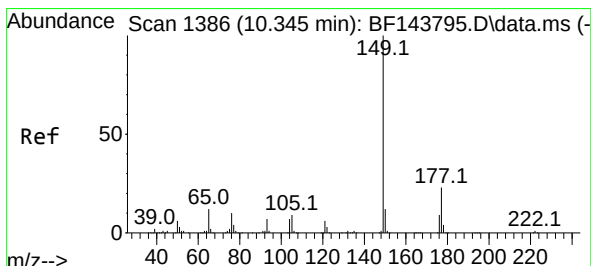
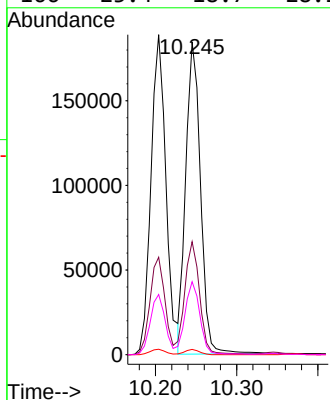


#59
2,3,4,6-Tetrachlorophenol
Concen: 52.109 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :

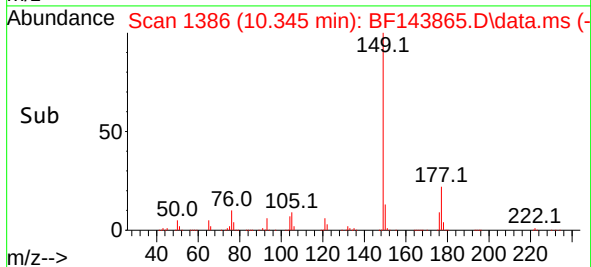
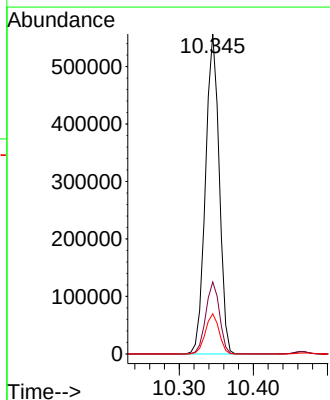
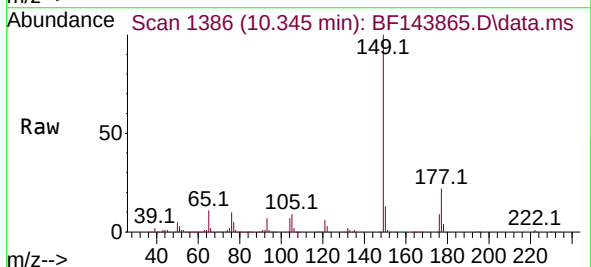


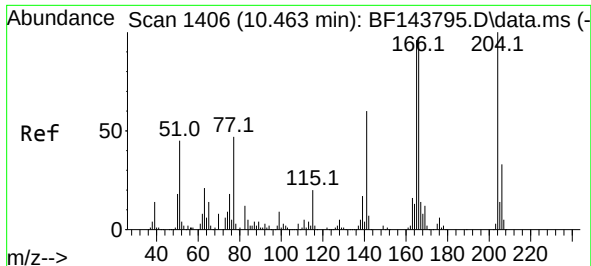
Tgt Ion:232 Resp: 233271
Ion Ratio Lower Upper
232 100
131 36.6 29.4 44.2
130 1.6 1.3 1.9
166 23.4 18.7 28.1



#60
Diethylphthalate
Concen: 47.326 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 713871
Ion Ratio Lower Upper
149 100
177 22.5 18.1 27.1
150 12.5 9.7 14.5

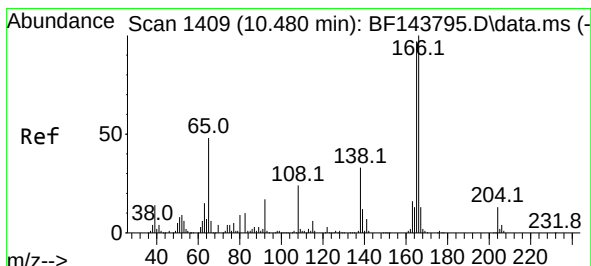
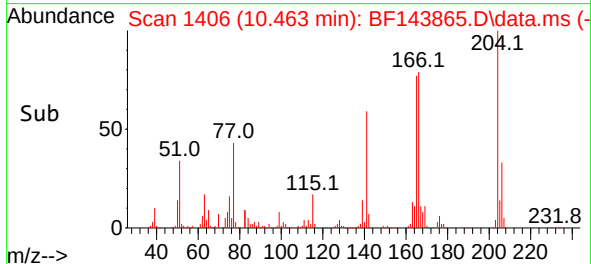
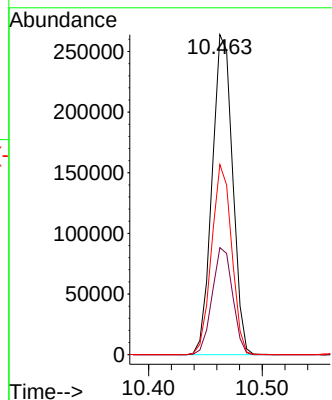
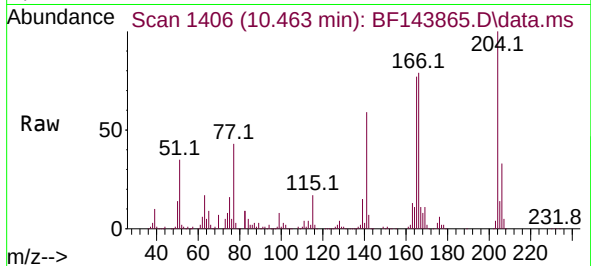




#61
4-Chlorophenyl-phenylether
Concen: 44.265 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

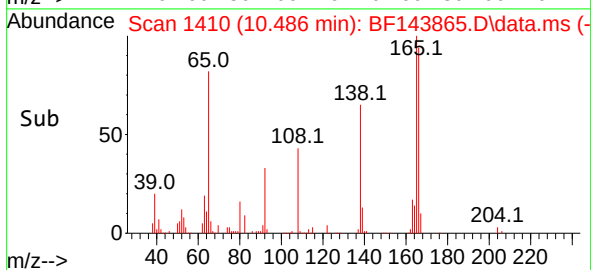
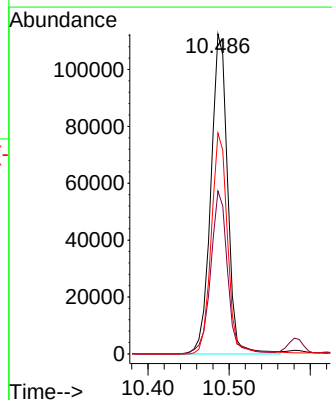
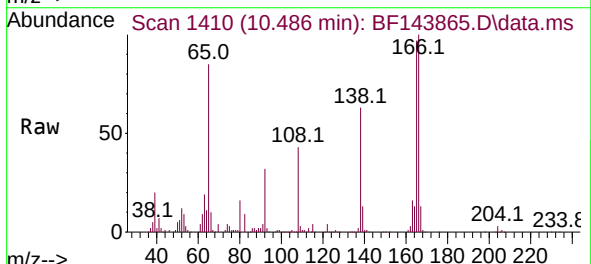
Instrument :
BNA_F
ClientSampleId :

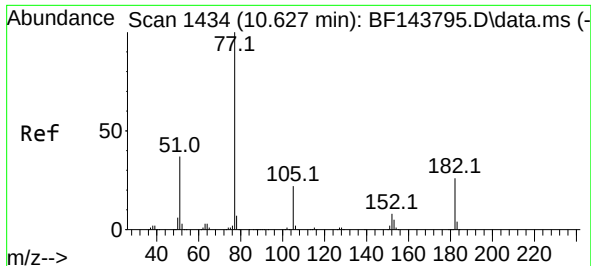
Tgt Ion:204 Resp: 330901
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 59.4 48.2 72.2



#62
4-Nitroaniline
Concen: 53.358 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:138 Resp: 161005
Ion Ratio Lower Upper
138 100
92 50.9 31.5 71.5
108 69.0 51.9 91.9

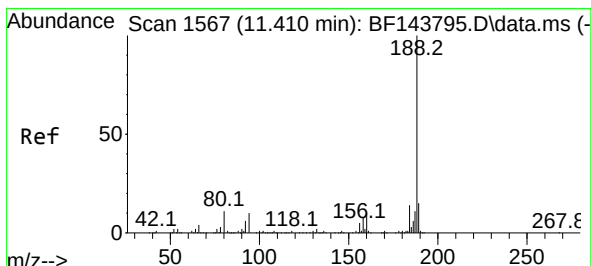
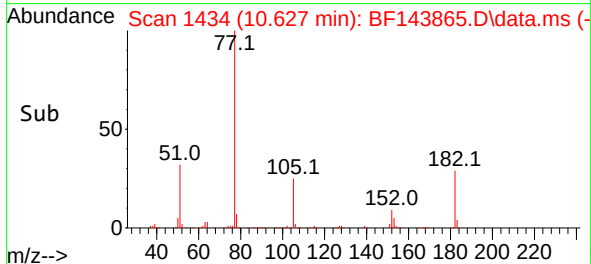
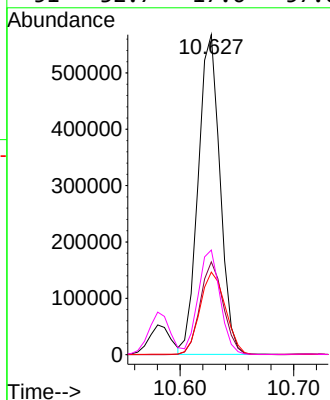
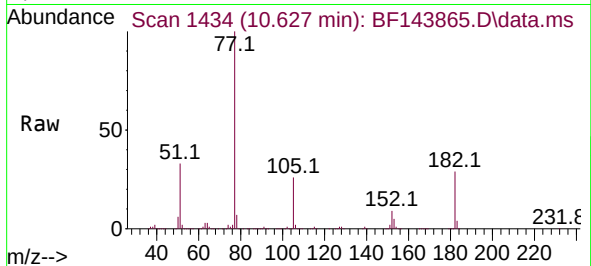




#63
Azobenzene
Concen: 47.547 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

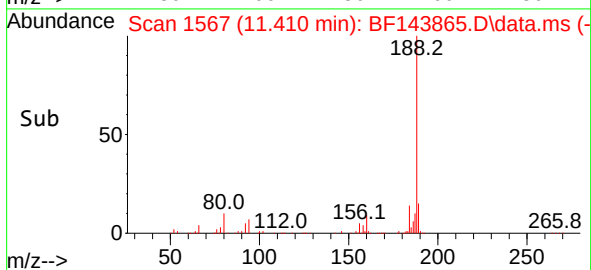
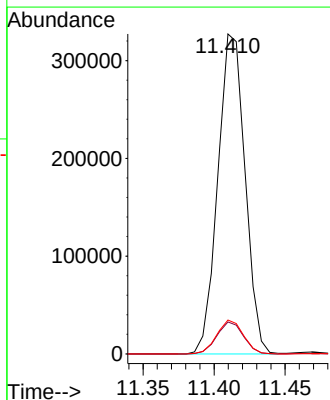
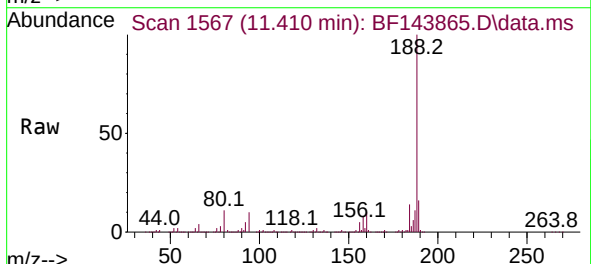
Instrument :
BNA_F
ClientSampleId :

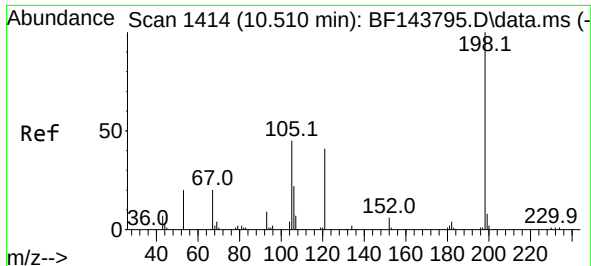
Tgt Ion: 77	Resp: 755872
Ion Ratio	Lower Upper
77 100	
182 29.0	5.9 45.9
105 25.8	2.3 42.3
51 32.7	17.6 57.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

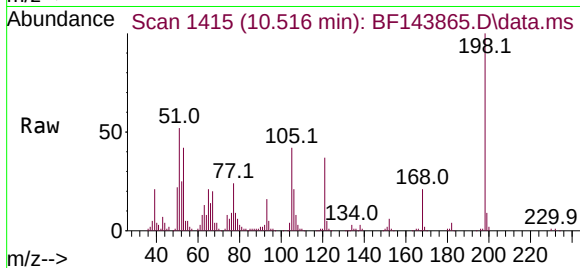
Tgt Ion:188	Resp: 436632
Ion Ratio	Lower Upper
188 100	
94 10.0	8.2 12.2
80 10.6	8.6 12.8



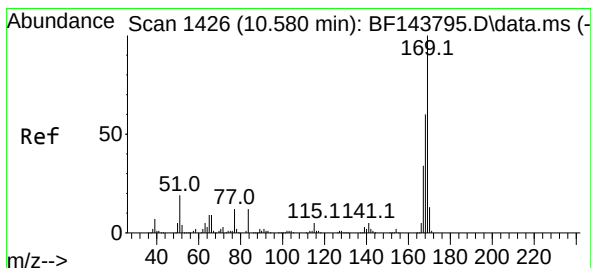
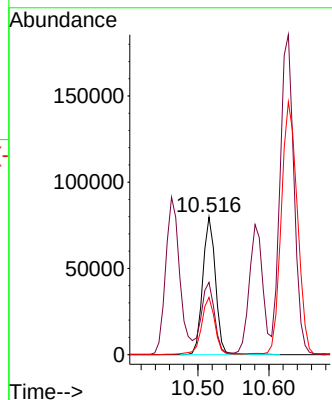
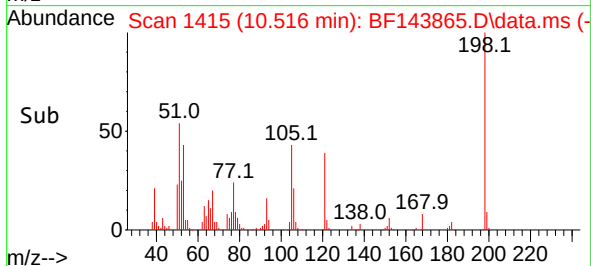


#65
4,6-Dinitro-2-methylphenol
Concen: 58.139 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

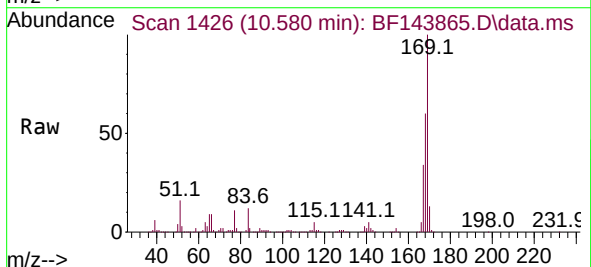
Instrument :
BNA_F
ClientSampleId :



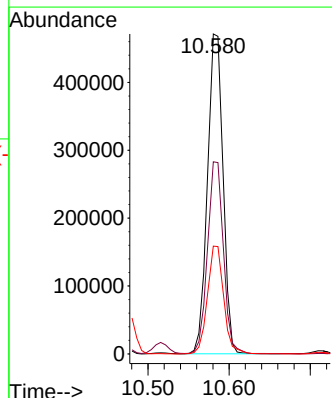
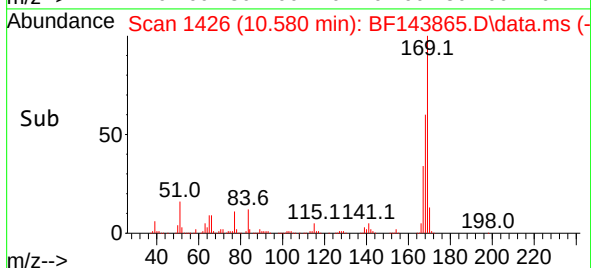
Tgt Ion:198 Resp: 98642
Ion Ratio Lower Upper
198 100
51 52.5 52.0 92.0
105 41.5 27.5 67.5

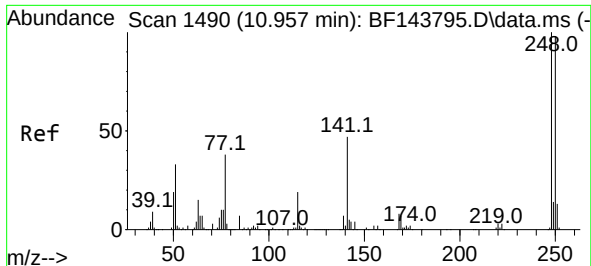


#66
n-Nitrosodiphenylamine
Concen: 43.924 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



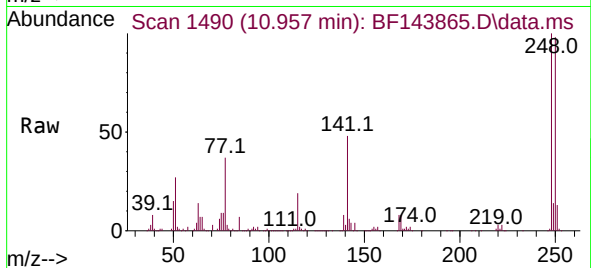
Tgt Ion:169 Resp: 630722
Ion Ratio Lower Upper
169 100
168 60.0 47.9 71.9
167 33.7 27.0 40.6



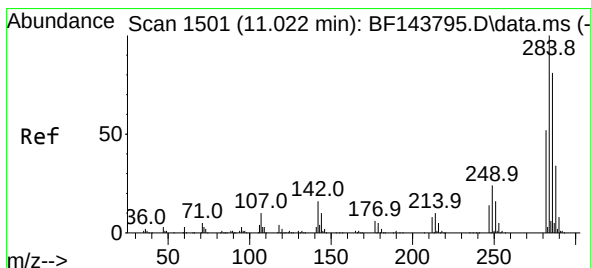
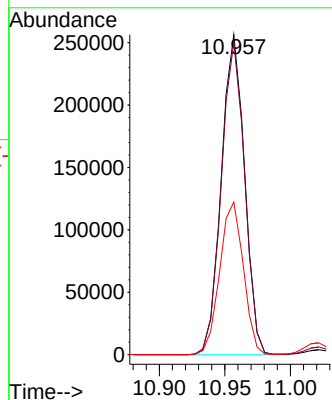
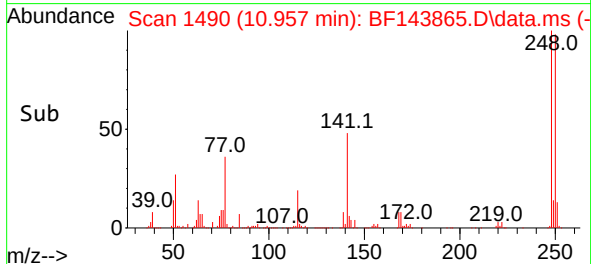


#67
4-Bromophenyl-phenylether
Concen: 42.520 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

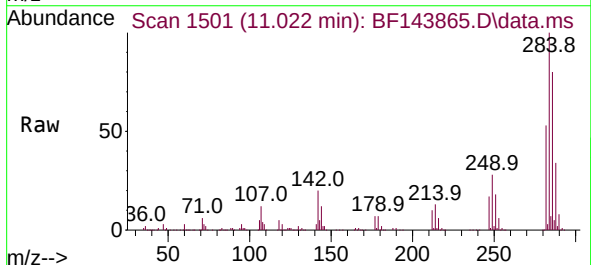
Instrument :
BNA_F
ClientSampleId :



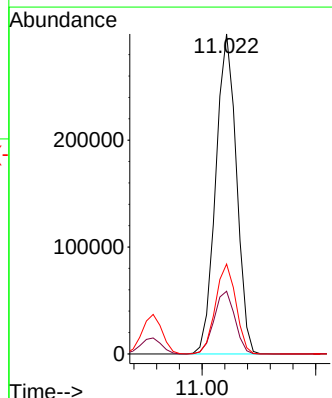
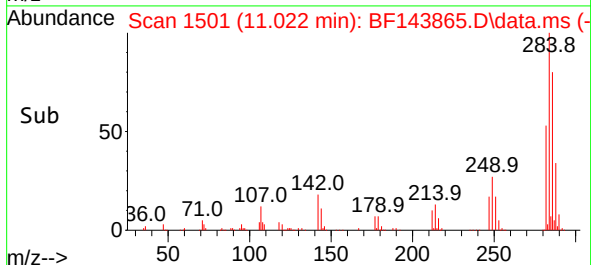
Tgt Ion:248 Resp: 316391
Ion Ratio Lower Upper
248 100
250 97.6 78.7 118.1
141 47.7 37.9 56.9

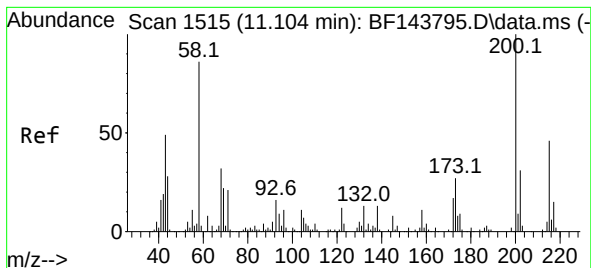


#68
Hexachlorobenzene
Concen: 36.851 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07



Tgt Ion:284 Resp: 377883
Ion Ratio Lower Upper
284 100
142 19.6 13.1 19.7
249 28.1 19.5 29.3





#69

Atrazine

Concen: 49.100 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

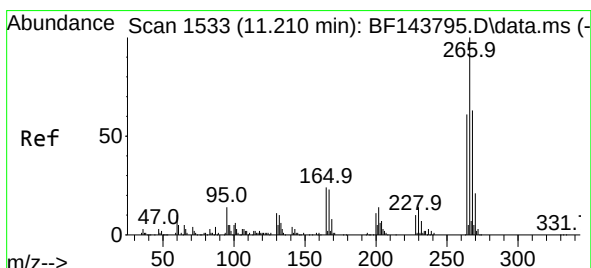
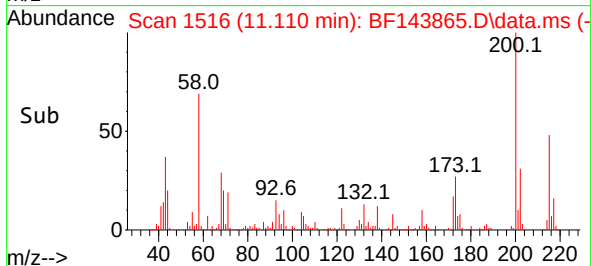
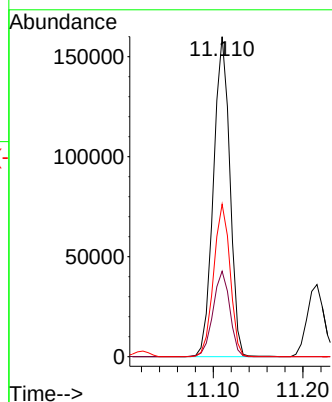
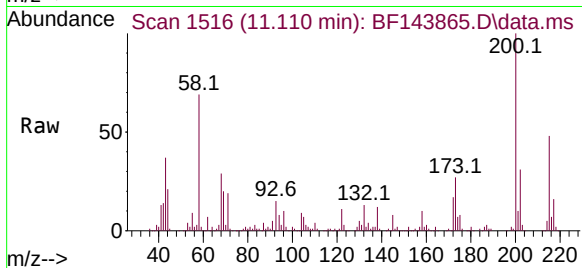
Tgt Ion:200 Resp: 204168

Ion Ratio Lower Upper

200 100

173 26.7 7.2 47.2

215 47.6 26.0 66.0



#70

Pentachlorophenol

Concen: 83.314 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

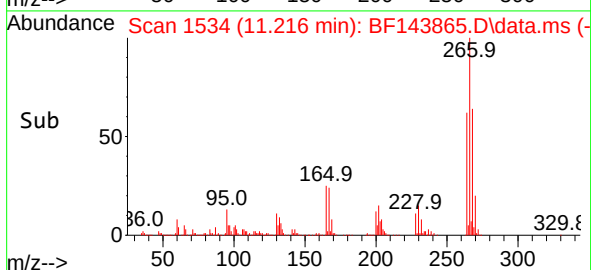
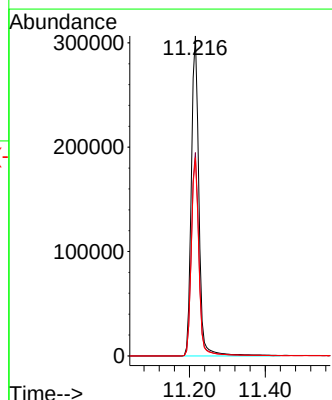
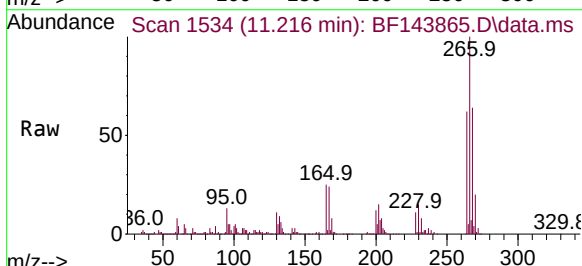
Tgt Ion:266 Resp: 425268

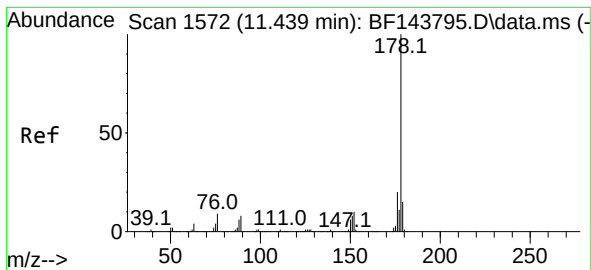
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

264 61.9 48.8 73.2





#71

Phenanthrene

Concen: 42.984 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

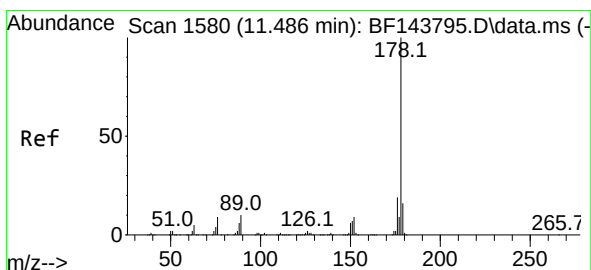
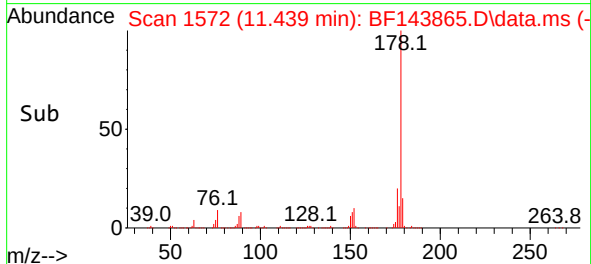
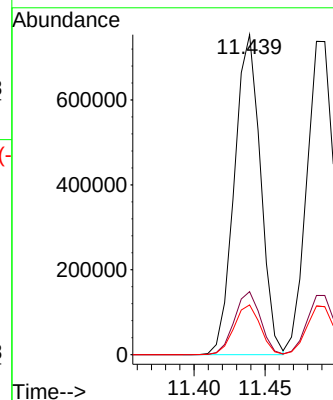
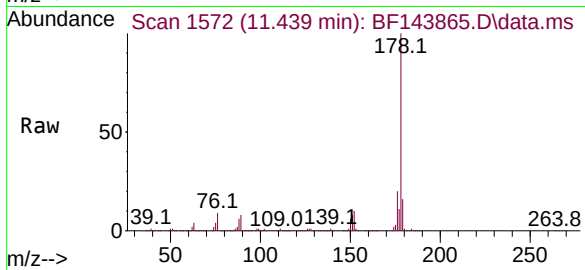
Tgt Ion:178 Resp: 963551

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

179 15.5 12.2 18.4



#72

Anthracene

Concen: 43.918 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

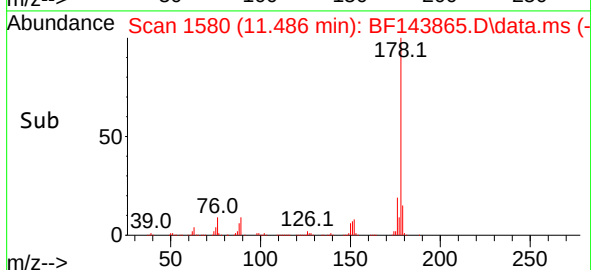
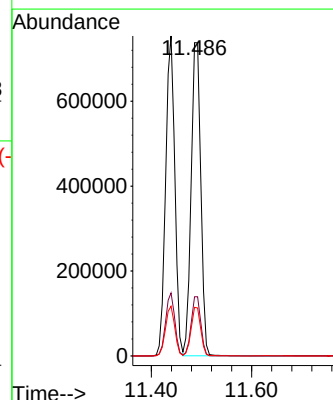
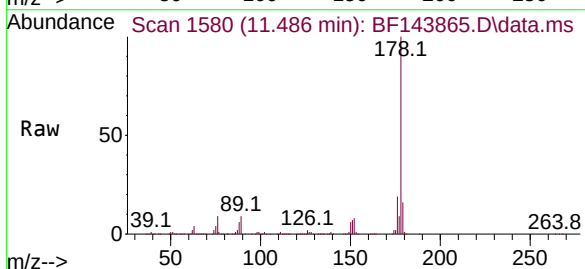
Tgt Ion:178 Resp: 987531

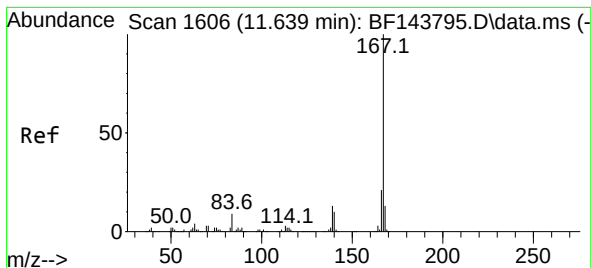
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.8 19.2





#73

Carbazole

Concen: 43.559 ng

RT: 11.645 min Scan# 1606

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

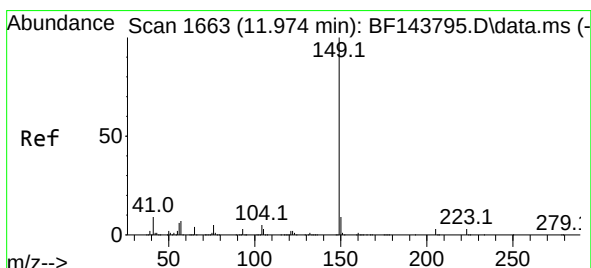
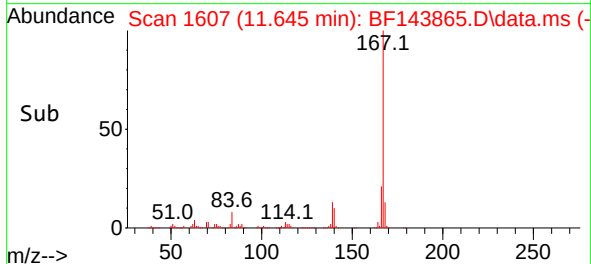
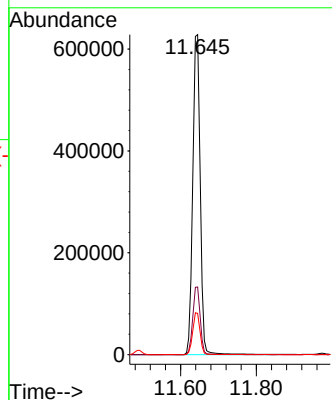
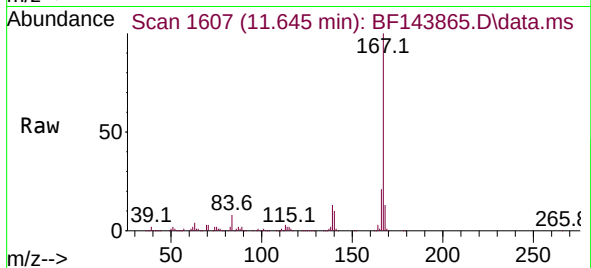
Tgt Ion:167 Resp: 856354

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 12.9 10.6 15.8



#74

Di-n-butylphthalate

Concen: 46.185 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

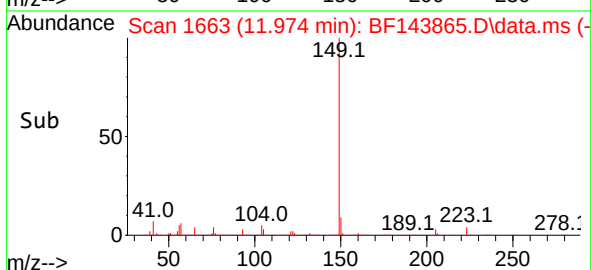
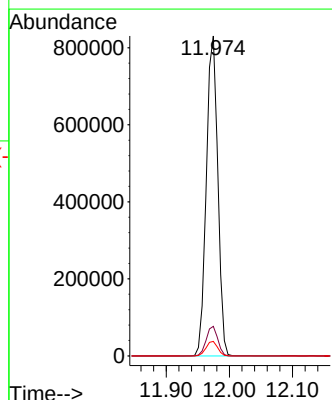
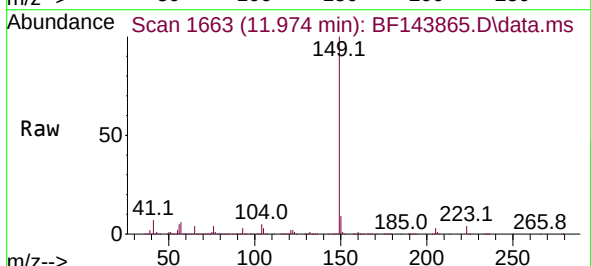
Tgt Ion:149 Resp: 1044247

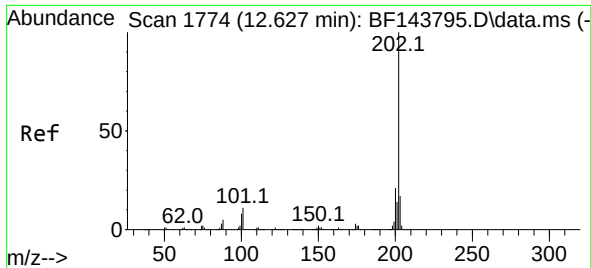
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.6 5.4

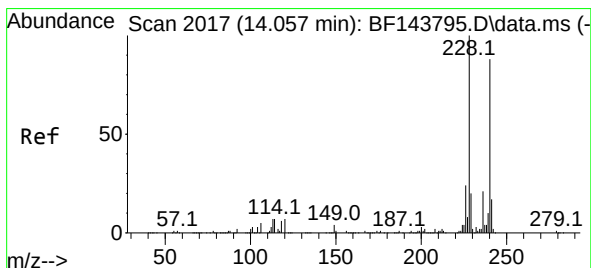
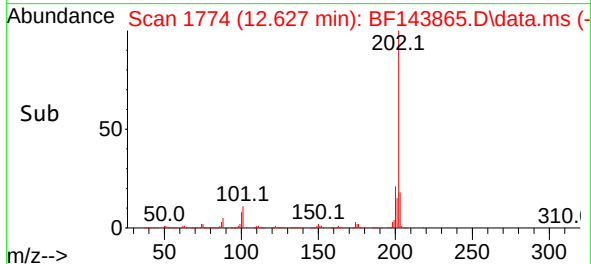
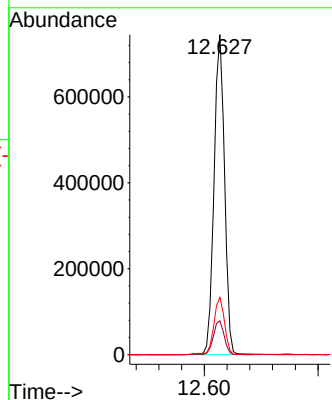
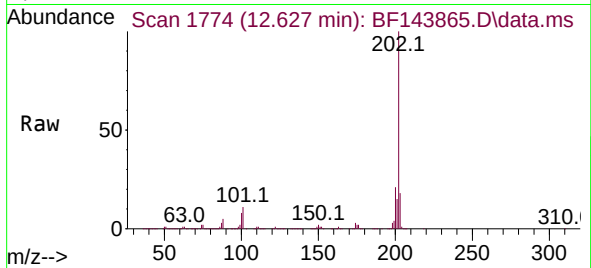




#75
Fluoranthene
Concen: 42.523 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

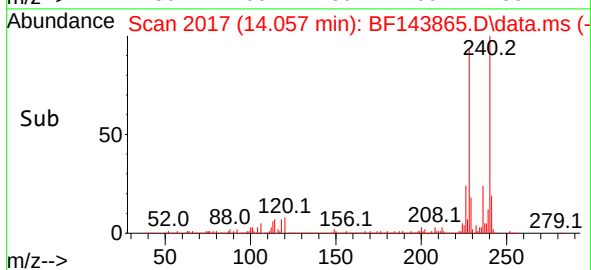
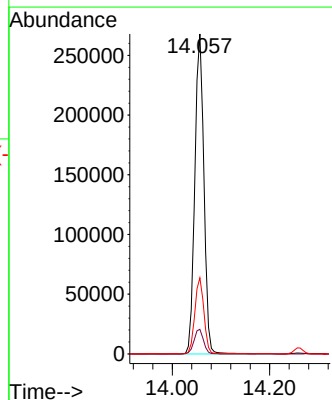
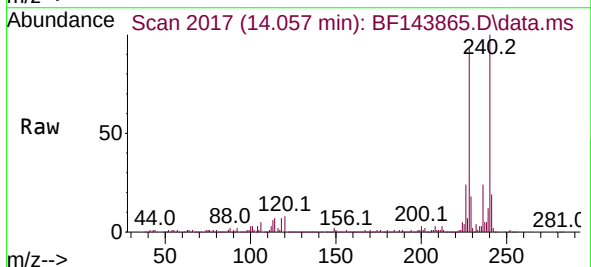
Instrument :
BNA_F
ClientSampleId :

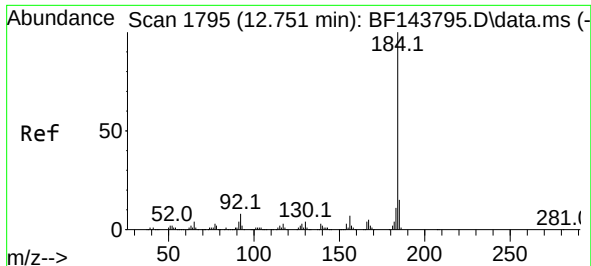
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
203	17.9	0.0	37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.7	6.2	9.4
236	23.8	19.4	29.2

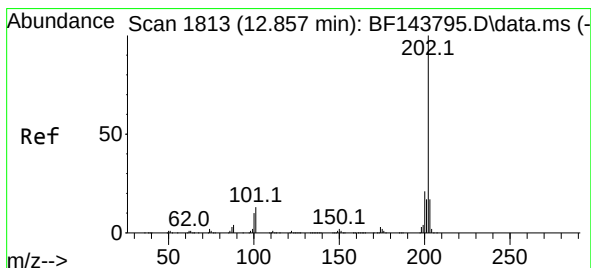
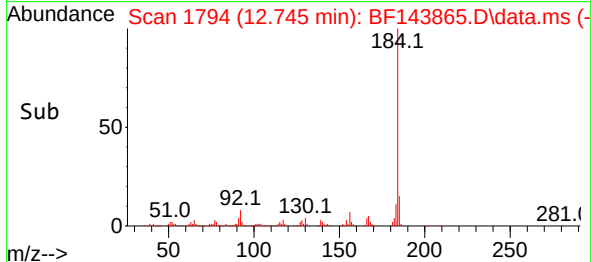
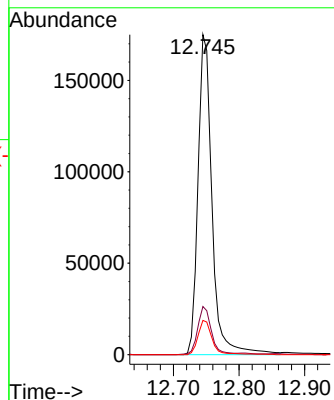
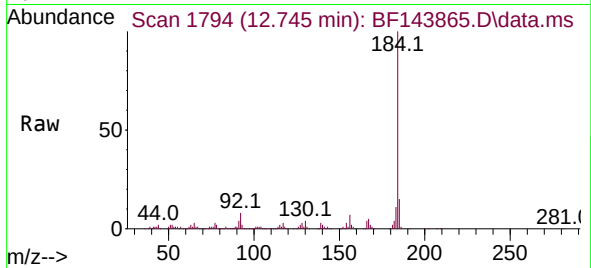




#77
Benzidine
Concen: 30.781 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

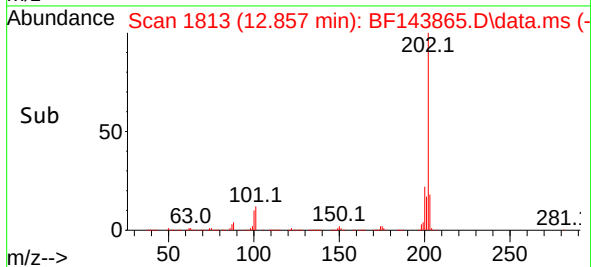
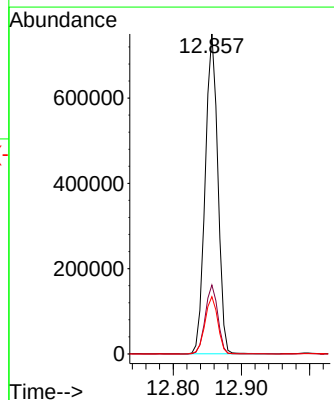
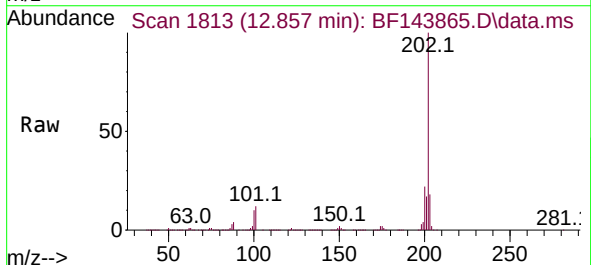
Instrument :
BNA_F
ClientSampleId :

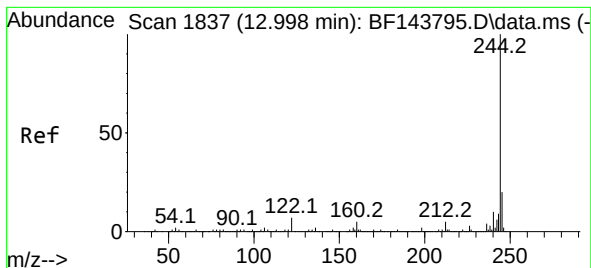
Tgt Ion:184 Resp: 258779
Ion Ratio Lower Upper
184 100
185 15.0 11.6 17.4
183 10.7 8.6 13.0



#78
Pyrene
Concen: 56.984 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:202 Resp: 966574
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 17.9 13.9 20.9





#79

Terphenyl-d14

Concen: 63.446 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

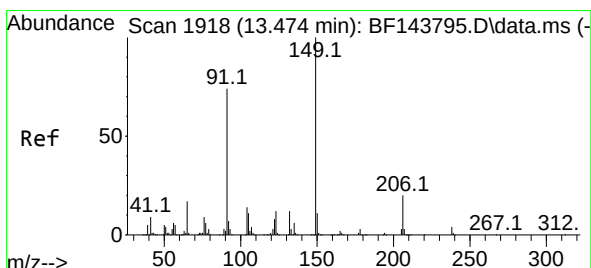
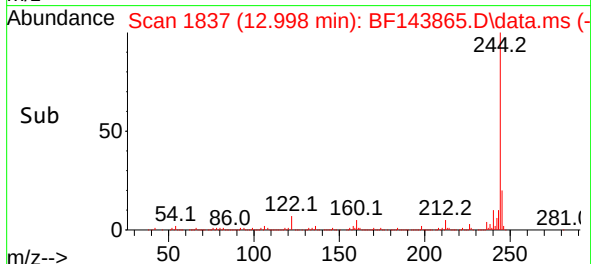
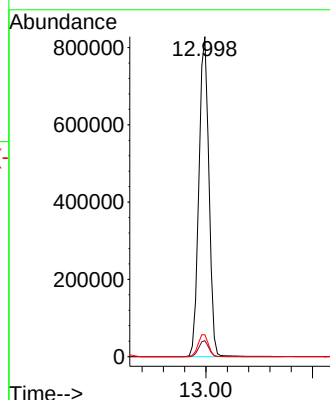
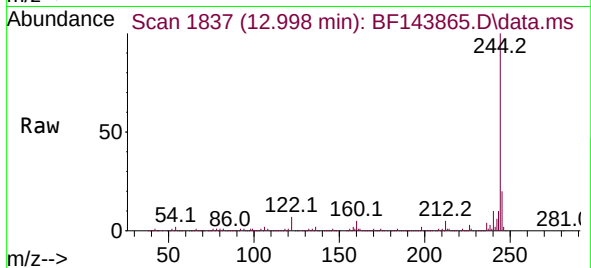
Tgt Ion:244 Resp: 1076320

Ion Ratio Lower Upper

244 100

212 5.0 3.9 5.9

122 6.9 5.6 8.4



#80

Butylbenzylphthalate

Concen: 60.090 ng

RT: 13.474 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

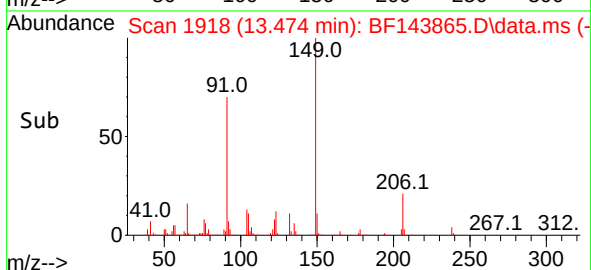
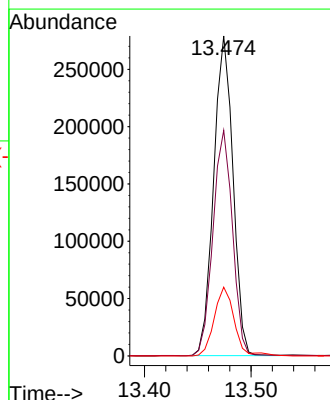
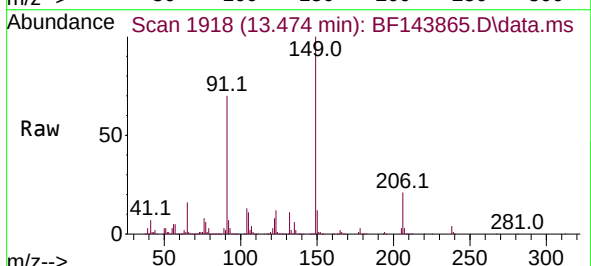
Tgt Ion:149 Resp: 352636

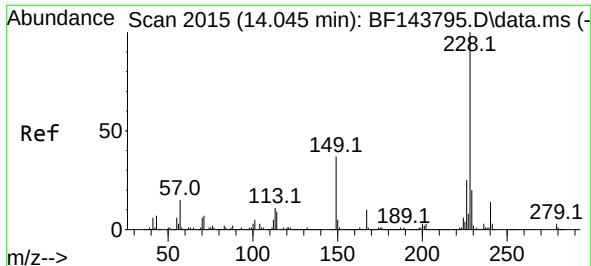
Ion Ratio Lower Upper

149 100

91 70.5 59.5 89.3

206 21.5 16.1 24.1

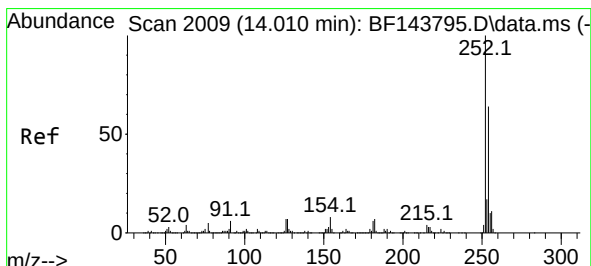
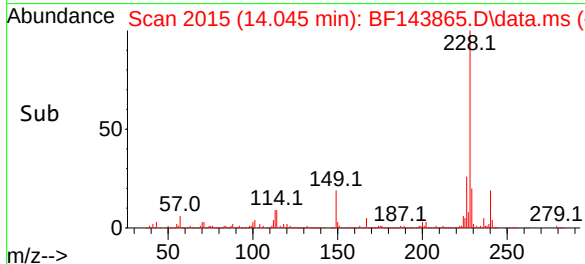
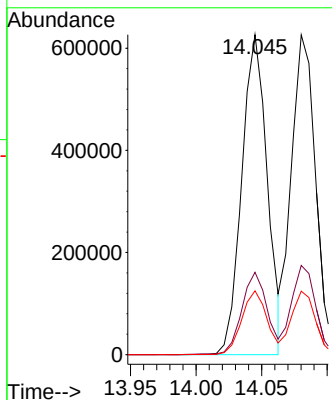
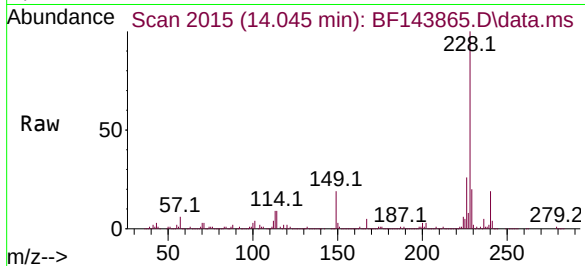




#81
Benzo(a)anthracene
Concen: 45.607 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

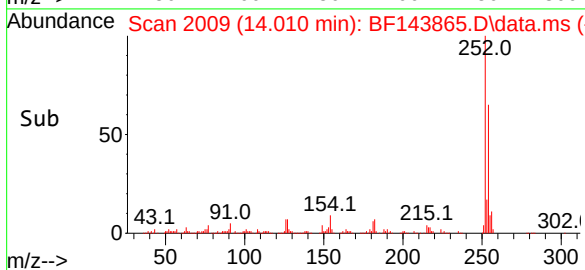
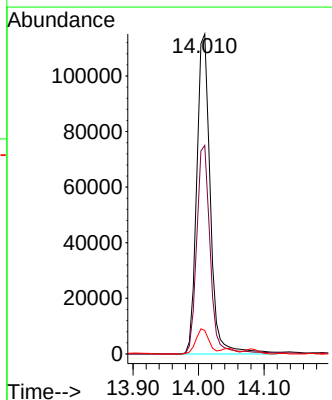
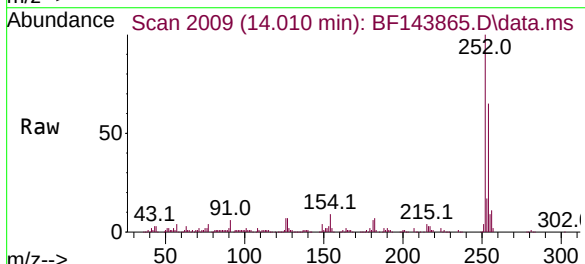
Instrument :
BNA_F
ClientSampleId :

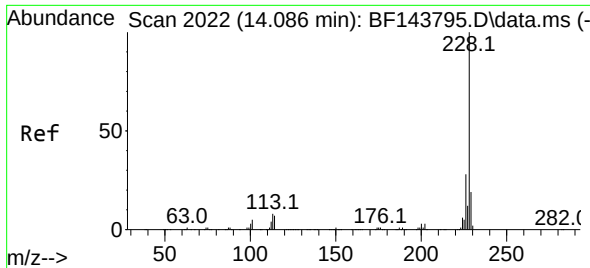
Tgt Ion:228 Resp: 845318
Ion Ratio Lower Upper
228 100
226 25.7 20.2 30.2
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 20.522 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

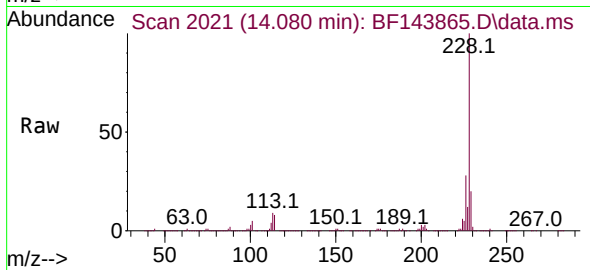
Tgt Ion:252 Resp: 164787
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 7.3 5.4 8.2



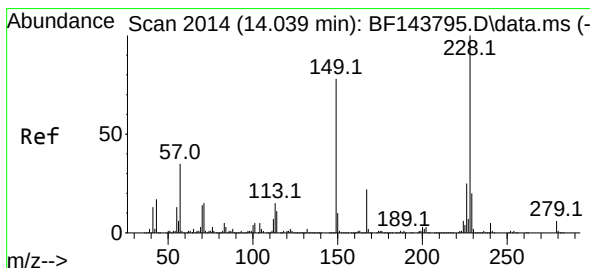
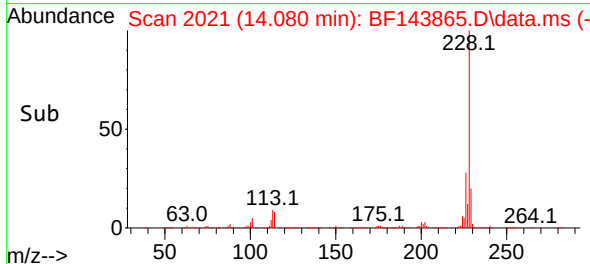
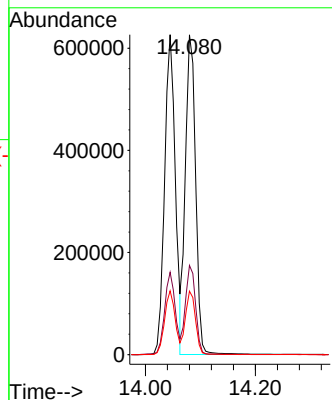


#83
Chrysene
Concen: 48.293 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :

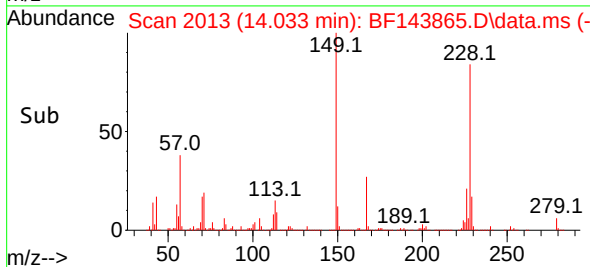
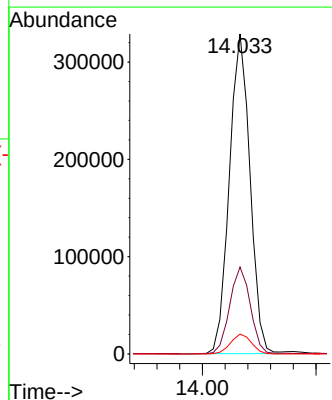
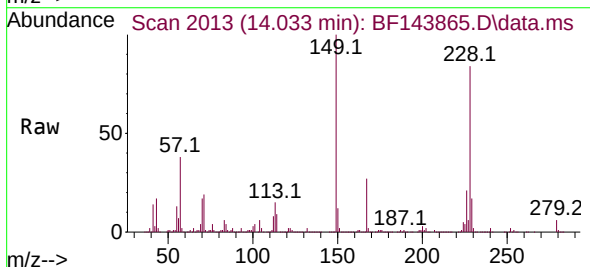


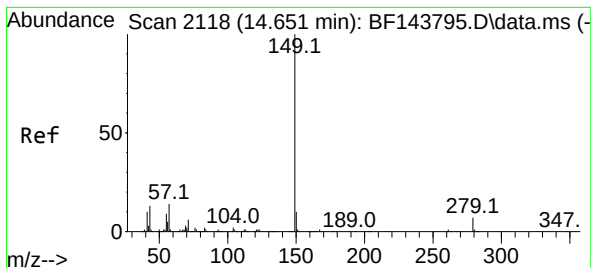
Tgt Ion:228 Resp: 809937
Ion Ratio Lower Upper
228 100
226 27.9 22.6 33.8
229 19.9 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.188 ng
RT: 14.033 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:149 Resp: 414506
Ion Ratio Lower Upper
149 100
167 27.1 22.2 33.2
279 6.2 6.0 9.0





#85

Di-n-octyl phthalate

Concen: 44.561 ng

RT: 14.645 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

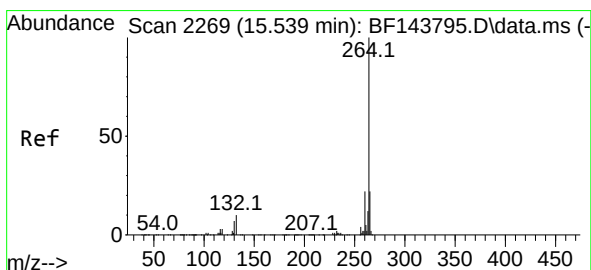
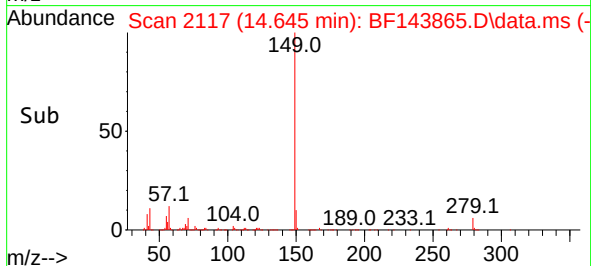
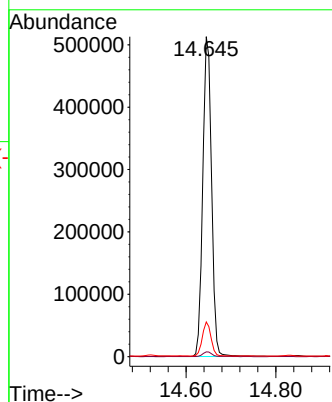
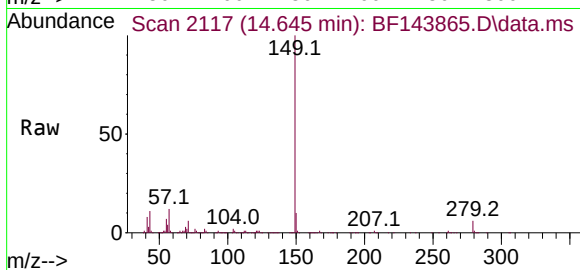
Tgt Ion:149 Resp: 695292

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

43 10.4 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

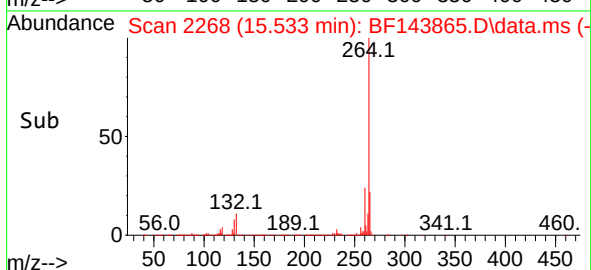
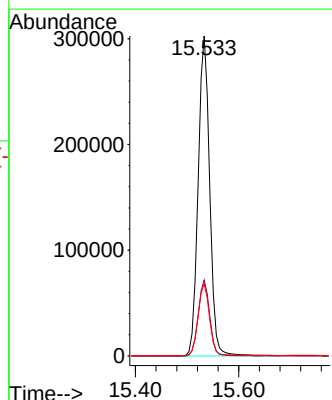
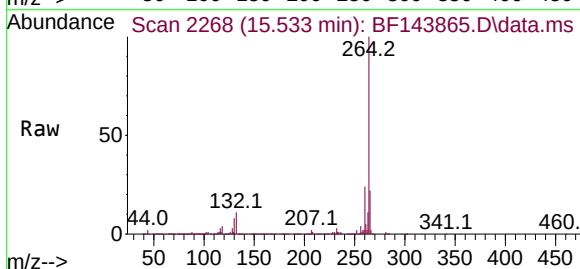
Tgt Ion:264 Resp: 467433

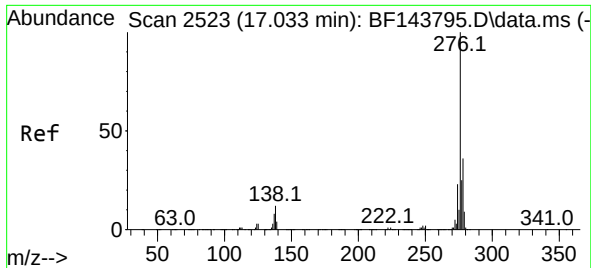
Ion Ratio Lower Upper

264 100

260 23.7 17.9 26.9

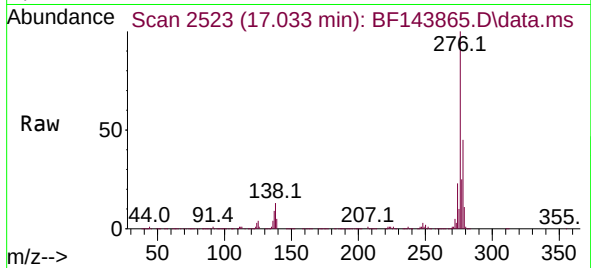
265 22.4 17.7 26.5



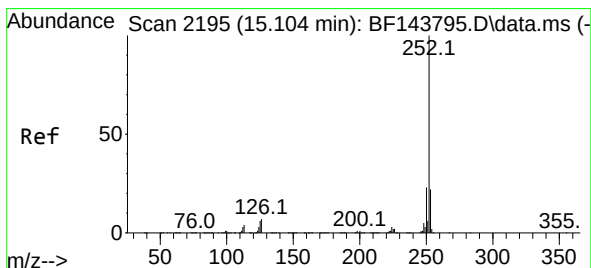
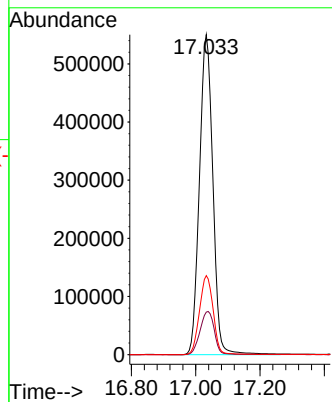
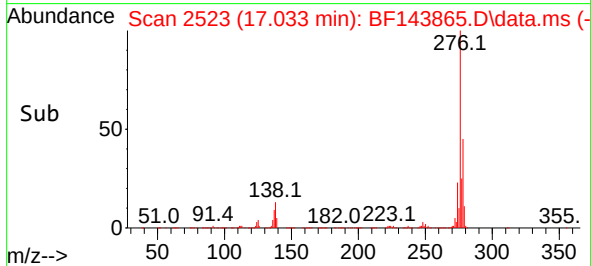


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.863 ng
 RT: 17.033 min Scan# 2194
 Delta R.T. -0.012 min
 Lab File: BF143865.D
 Acq: 02 Oct 2025 20:07

Instrument :
 BNA_F
 ClientSampleId :

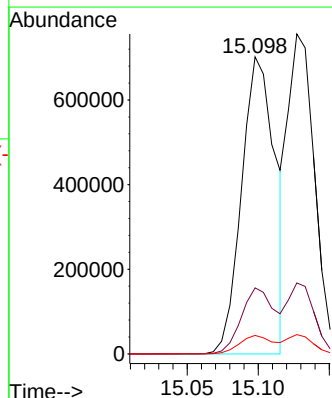
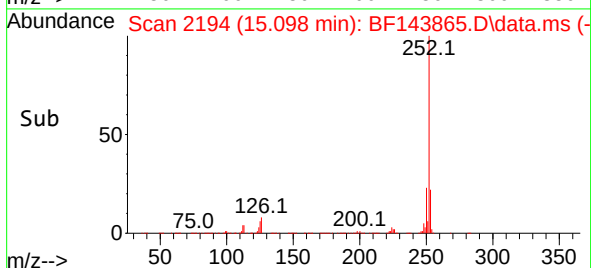
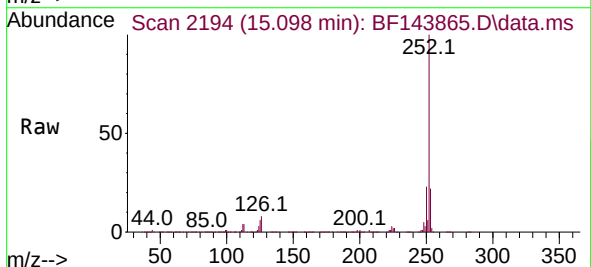


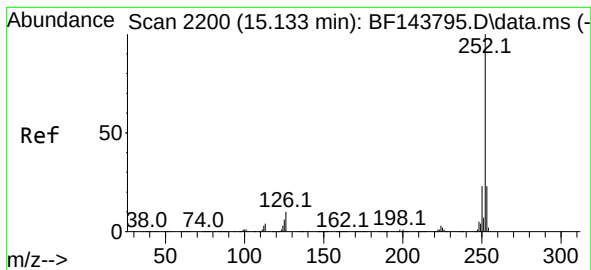
Tgt Ion:276 Resp: 1591120
 Ion Ratio Lower Upper
 276 100
 138 14.4 10.6 15.8
 277 25.2 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 48.632 ng
 RT: 15.098 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF143865.D
 Acq: 02 Oct 2025 20:07

Tgt Ion:252 Resp: 1157629
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.8 26.8
 125 6.2 4.4 6.6





#89

Benzo(k)fluoranthene

Concen: 42.225 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

Instrument :

BNA_F

ClientSampleId :

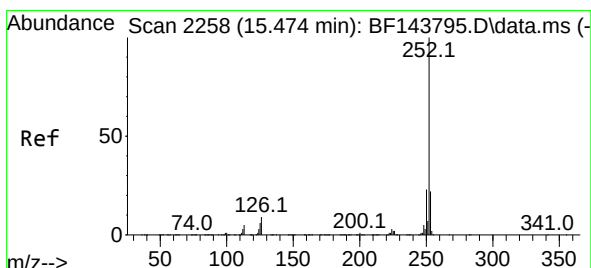
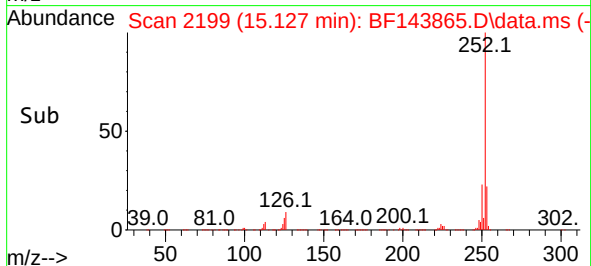
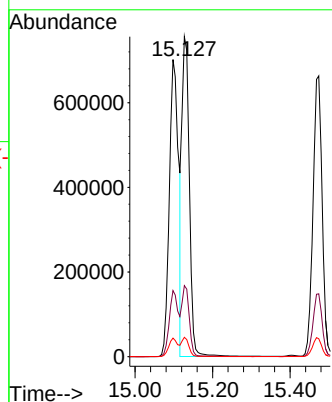
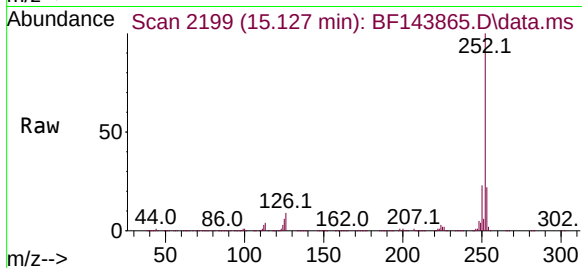
Tgt Ion:252 Resp: 1009802

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 6.0 4.6 6.8



#90

Benzo(a)pyrene

Concen: 48.614 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF143865.D

Acq: 02 Oct 2025 20:07

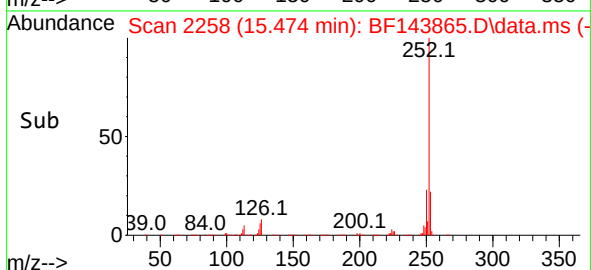
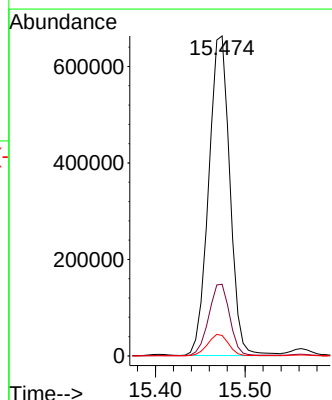
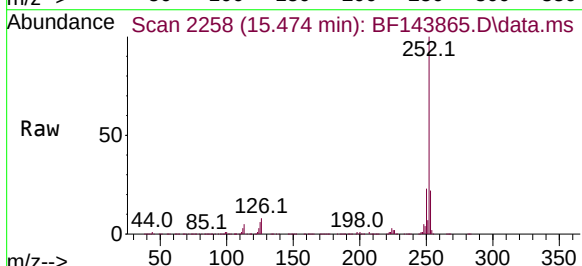
Tgt Ion:252 Resp: 1087757

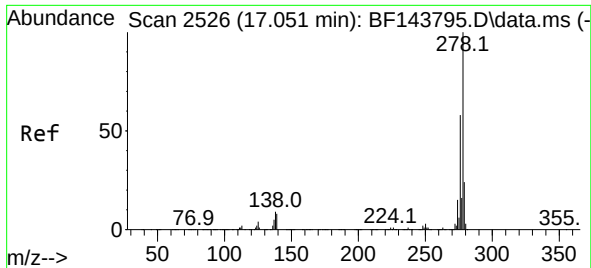
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

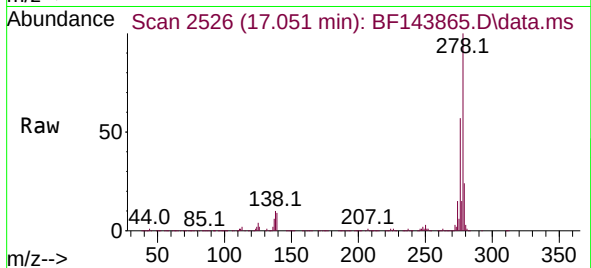
125 6.4 5.0 7.4





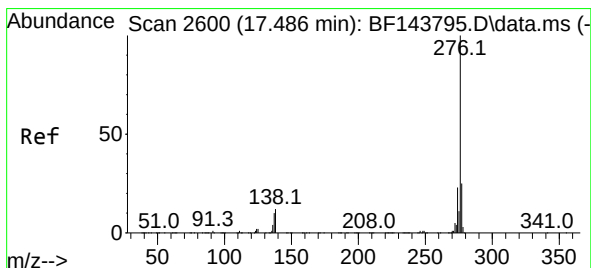
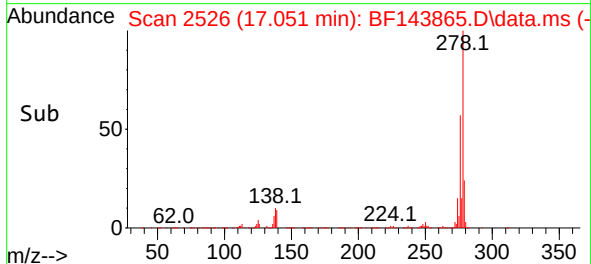
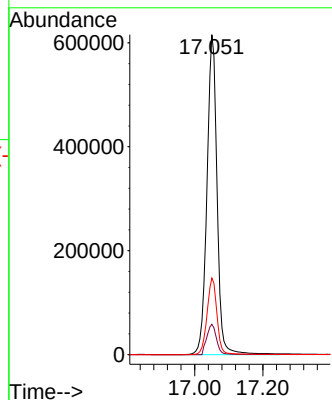
#91
Dibenzo(a,h)anthracene
Concen: 43.854 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 1272126

Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.7	10.1
279	23.9	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 46.529 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.018 min
Lab File: BF143865.D
Acq: 02 Oct 2025 20:07

Tgt Ion:276 Resp: 1301075

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	13.1	9.2	13.8

