

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
 Data File : BF143864.D
 Acq On : 02 Oct 2025 19:38
 Operator : RC/JU
 Sample : Q3266-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:27:21 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	6.887	152	119401	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	452831	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	241644	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	394825	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306082	20.000	ng	0.00
86) Perylene-d12	15.533	264	431989	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	604335	82.232	ng	0.00
7) Phenol-d6	6.504	99	732194	86.227	ng	0.00
23) Nitrobenzene-d5	7.445	82	445326	60.197	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	195734	54.706	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	781050	50.439	ng	0.00
79) Terphenyl-d14	12.998	244	1046086	69.507	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.711	88	145336	41.317	ng	92
3) Pyridine	3.469	79	394892	41.589	ng	87
4) n-Nitrosodimethylamine	3.422	42	202826	42.601	ng	84
6) Aniline	6.546	93	382496	31.036	ng	99
8) 2-Chlorophenol	6.669	128	360046	47.856	ng	96
9) Benzaldehyde	6.434	77	211201	28.402	ng	97
10) Phenol	6.522	94	470637	47.683	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	351252	45.400	ng	97
12) 1,3-Dichlorobenzene	6.828	146	407642	46.666	ng	98
13) 1,4-Dichlorobenzene	6.904	146	408635	46.875	ng	99
14) 1,2-Dichlorobenzene	7.057	146	392158	47.497	ng	100
15) Benzyl Alcohol	7.022	79	322083	52.494	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	718122	39.143	ng	95
17) 2-Methylphenol	7.134	107	284360	48.820	ng	99
18) Hexachloroethane	7.398	117	142081	46.344	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	253743	46.469	ng	90
20) 3+4-Methylphenols	7.287	107	333283	46.985	ng	# 73
22) Acetophenone	7.293	105	499175	50.189	ng	94
24) Nitrobenzene	7.463	77	392104	47.818	ng	97
25) Isophorone	7.704	82	710337	49.274	ng	99
26) 2-Nitrophenol	7.781	139	184449	54.406	ng	94
27) 2,4-Dimethylphenol	7.816	122	336616	52.242	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	430461	45.960	ng	99
29) 2,4-Dichlorophenol	8.022	162	308452	48.651	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	325230	49.430	ng	98
31) Naphthalene	8.192	128	986012	45.485	ng	100
32) Benzoic acid	7.928	122	234383	75.394	ng	95
33) 4-Chloroaniline	8.234	127	115624	15.178	ng	97
34) Hexachlorobutadiene	8.304	225	229733	46.838	ng	99
35) Caprolactam	8.604	113	98125	60.552	ng	# 77
36) 4-Chloro-3-methylphenol	8.716	107	306778	51.593	ng	99
37) 2-Methylnaphthalene	8.881	142	612475	44.309	ng	100
38) 1-Methylnaphthalene	8.981	142	620851	46.926	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	356950	48.948	ng	99
41) Hexachlorocyclopentadiene	9.034	237	485641	105.078	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	227991	49.930	ng	100

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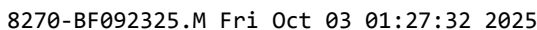
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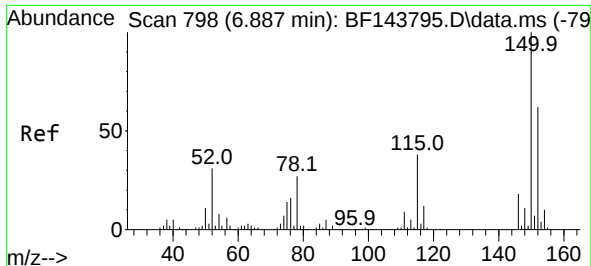
Quant Time: Oct 03 01:27:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	234672	49.134	ng	100
46) 1,1'-Biphenyl	9.345	154	865505	49.480	ng	100
47) 2-Chloronaphthalene	9.369	162	629309	44.695	ng	100
48) 2-Nitroaniline	9.463	65	238647	56.079	ng	97
49) Acenaphthylene	9.787	152	1023535	52.805	ng	100
50) Dimethylphthalate	9.645	163	731465	49.664	ng	99
51) 2,6-Dinitrotoluene	9.704	165	156423	64.642	ng	94
52) Acenaphthene	9.957	154	622293	48.786	ng	99
53) 3-Nitroaniline	9.875	138	91487	31.191	ng	98
54) 2,4-Dinitrophenol	9.981	184	121210	100.703	ng	# 18
55) Dibenzofuran	10.134	168	848921	47.064	ng	100
56) 4-Nitrophenol	10.028	139	236657	100.124	ng	95
57) 2,4-Dinitrotoluene	10.110	165	212438	58.468	ng	92
58) Fluorene	10.475	166	641919	47.871	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	227326	55.559	ng	100
60) Diethylphthalate	10.345	149	698970	50.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	330127	48.317	ng	98
62) 4-Nitroaniline	10.486	138	158530	57.481	ng	98
63) Azobenzene	10.628	77	737403	50.750	ng	93
65) 4,6-Dinitro-2-methylph...	10.516	198	95114	61.024	ng	# 81
66) n-Nitrosodiphenylamine	10.581	169	613626	47.258	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	310198	46.102	ng	100
68) Hexachlorobenzene	11.022	284	374735	40.413	ng	93
69) Atrazine	11.110	200	197683	52.574	ng	98
70) Pentachlorophenol	11.216	266	416446	90.225	ng	99
71) Phenanthrene	11.439	178	940959	46.421	ng	99
72) Anthracene	11.492	178	966261	47.523	ng	100
73) Carbazole	11.645	167	836065	47.030	ng	100
74) Di-n-butylphthalate	11.975	149	1014489	49.620	ng	100
75) Fluoranthene	12.628	202	951417	46.667	ng	99
77) Benzidine	12.745	184	241360	32.360	ng	99
78) Pyrene	12.857	202	943184	62.677	ng	100
80) Butylbenzylphthalate	13.475	149	334241	64.200	ng	96
81) Benzo(a)anthracene	14.045	228	823820	50.101	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	159637	22.410	ng	99
83) Chrysene	14.080	228	760164	51.090	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	393368	51.547	ng	98
85) Di-n-octyl phthalate	14.645	149	673377	48.645	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.033	276	1617559	49.351	ng	97
88) Benzo(b)fluoranthene	15.098	252	1152982	52.411	ng	99
89) Benzo(k)fluoranthene	15.127	252	967267	43.764	ng	100
90) Benzo(a)pyrene	15.468	252	1075170	51.994	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	1280220	47.754	ng	99
92) Benzo(g,h,i)perylene	17.486	276	1319988	51.078	ng	98

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

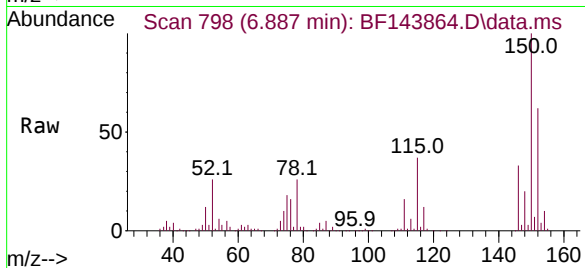
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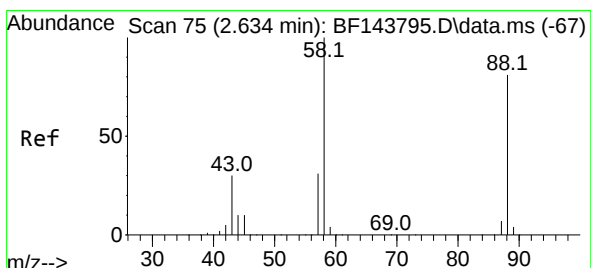
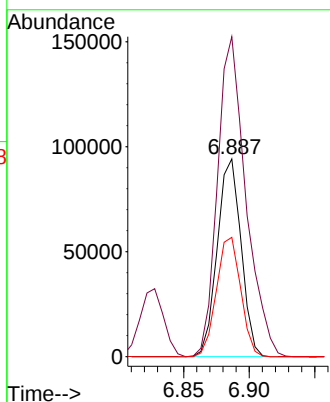
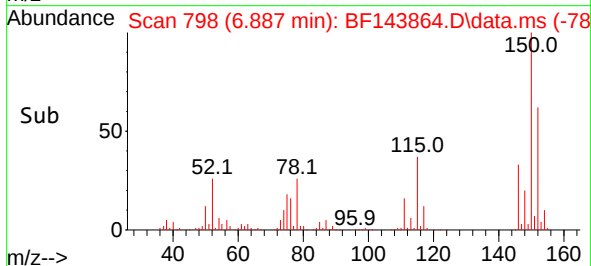


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF143864.D
 Acq: 02 Oct 2025 19:38

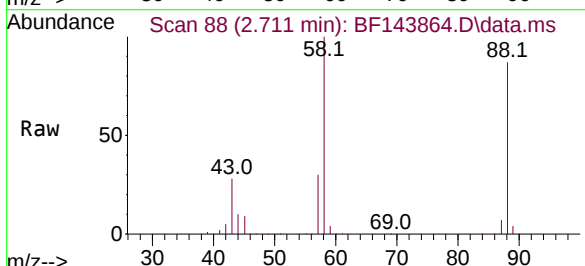
Instrument :
 BNA_F
 ClientSampleId :



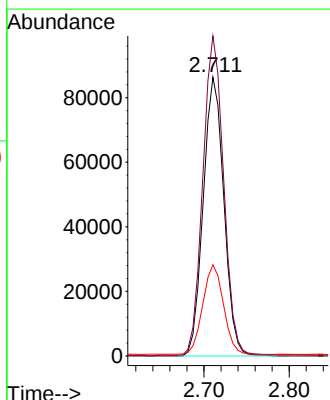
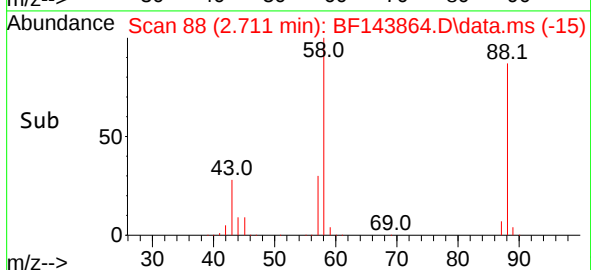
Tgt Ion:152 Resp: 119401
 Ion Ratio Lower Upper
 152 100
 150 161.8 129.6 194.4
 115 60.3 49.0 73.4

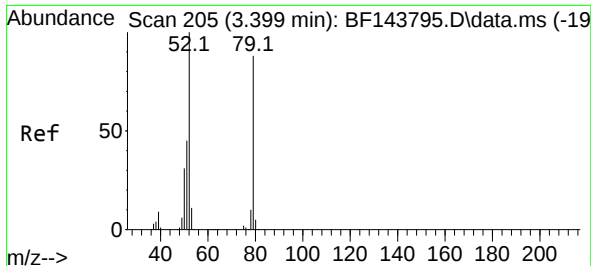


#2
 1,4-Dioxane
 Concen: 41.317 ng
 RT: 2.711 min Scan# 88
 Delta R.T. 0.077 min
 Lab File: BF143864.D
 Acq: 02 Oct 2025 19:38



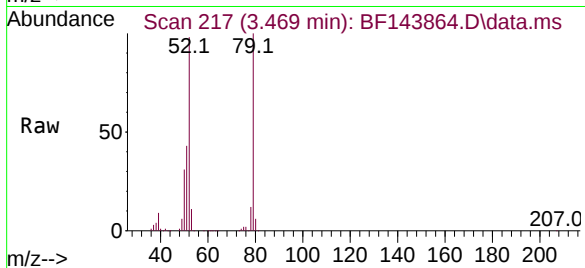
Tgt Ion: 88 Resp: 145336
 Ion Ratio Lower Upper
 88 100
 58 116.1 99.4 149.2
 43 32.3 30.6 45.8



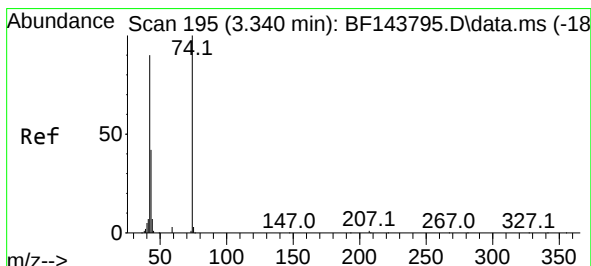
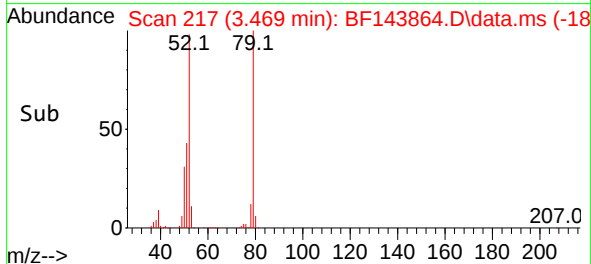
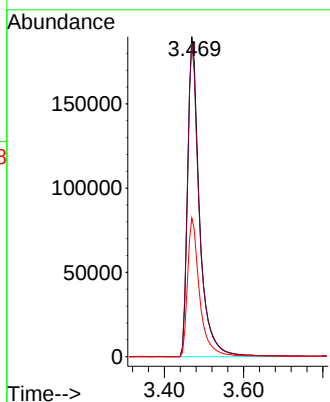


#3
Pyridine
Concen: 41.589 ng
RT: 3.469 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

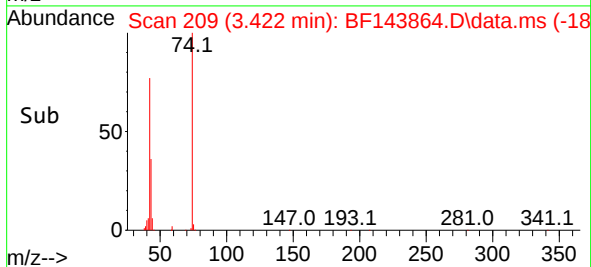
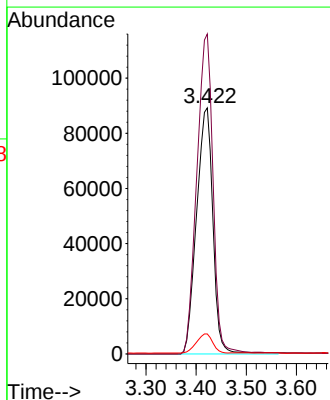
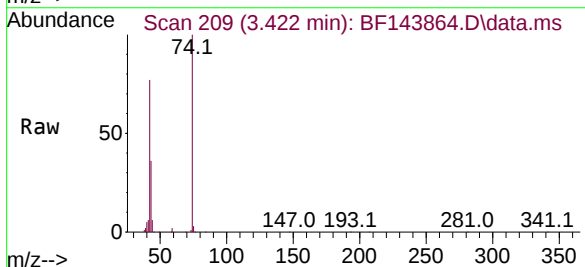


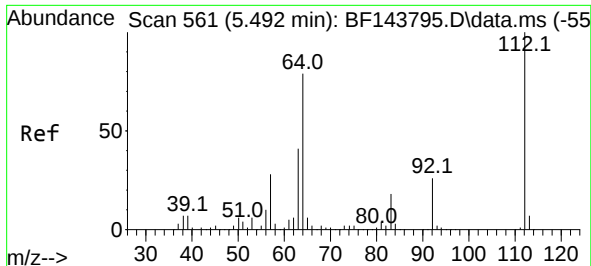
Tgt Ion: 79 Resp: 394892
Ion Ratio Lower Upper
79 100
52 98.0 90.5 135.7
51 43.3 40.6 61.0



#4
n-Nitrosodimethylamine
Concen: 42.601 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.065 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 42 Resp: 202826
Ion Ratio Lower Upper
42 100
74 130.0 89.1 133.7
44 8.1 6.4 9.6

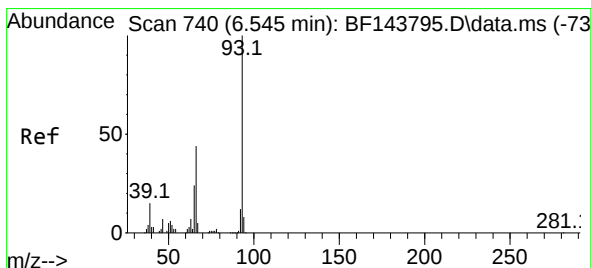
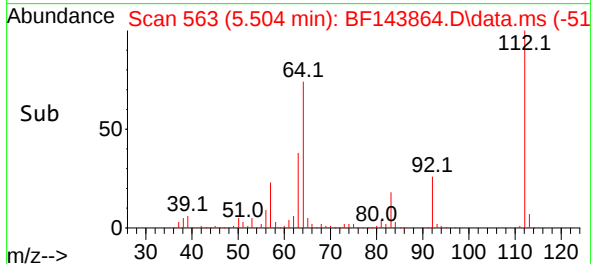
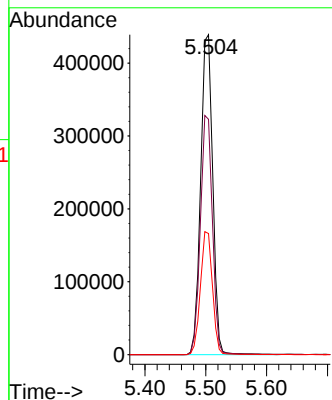
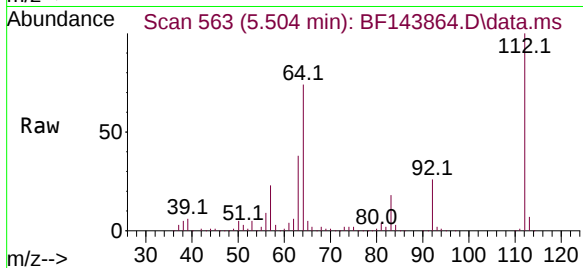




#5
2-Fluorophenol
Concen: 82.232 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

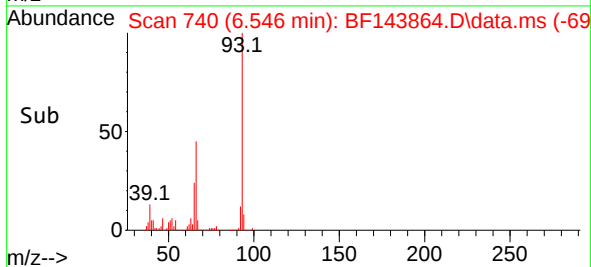
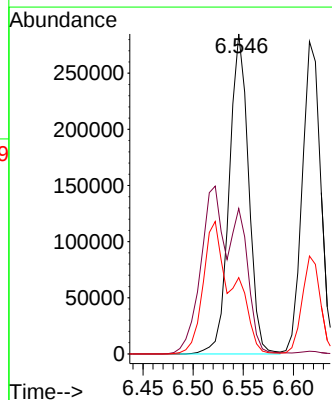
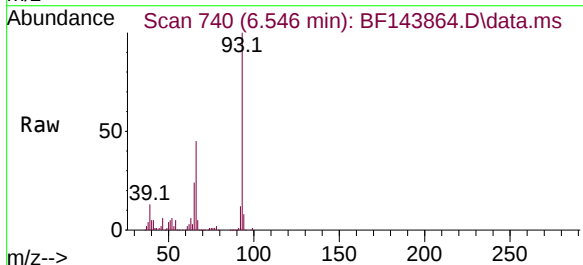
Instrument :
BNA_F
ClientSampleId :

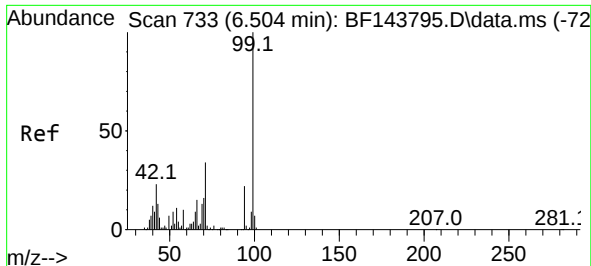
Tgt Ion:112 Resp: 604335
Ion Ratio Lower Upper
112 100
64 73.5 63.0 94.4
63 37.8 32.6 49.0



#6
Aniline
Concen: 31.036 ng
RT: 6.546 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

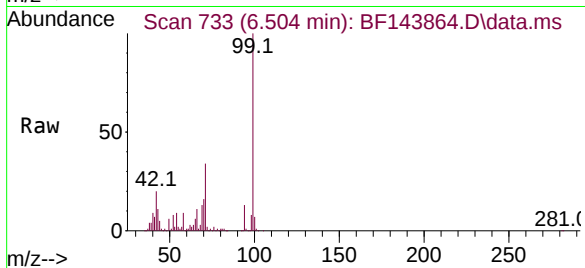
Tgt Ion: 93 Resp: 382496
Ion Ratio Lower Upper
93 100
66 45.4 37.1 55.7
65 23.8 19.4 29.0



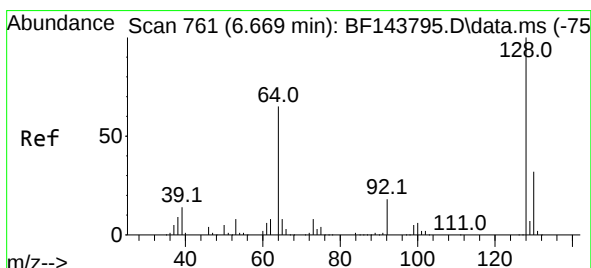
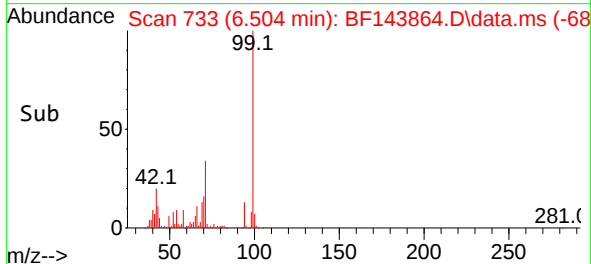
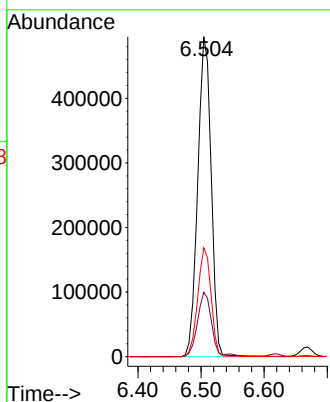


#7
Phenol-d6
Concen: 86.227 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

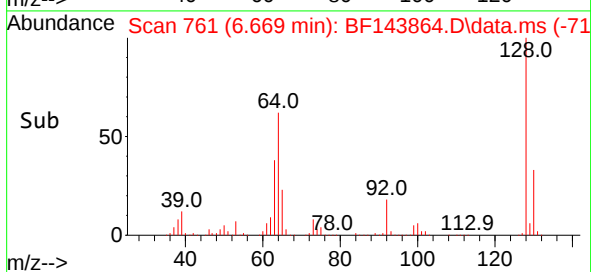
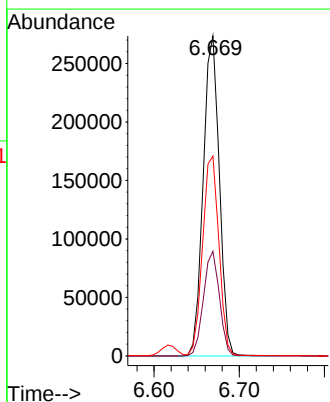
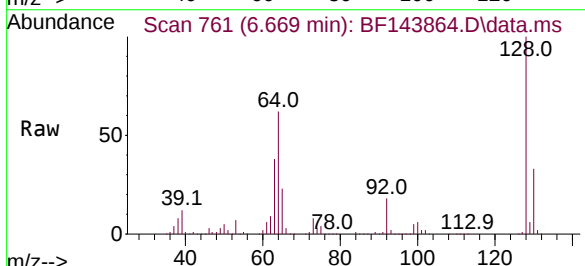


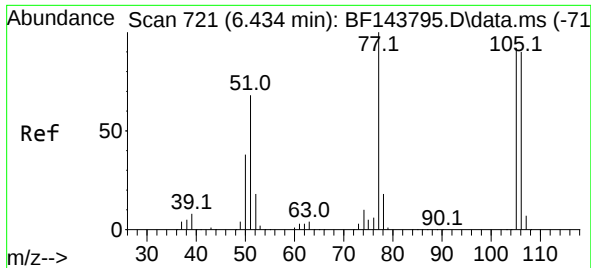
Tgt Ion	Ratio	Lower	Upper
99	100		
42	20.1	18.6	28.0
71	34.0	27.0	40.4



#8
2-Chlorophenol
Concen: 47.856 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.2	52.2
64	62.4	46.5	86.5





#9

Benzaldehyde

Concen: 28.402 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

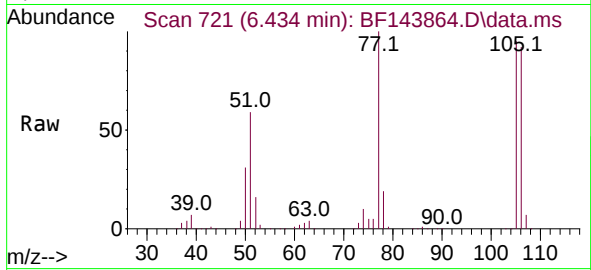
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Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



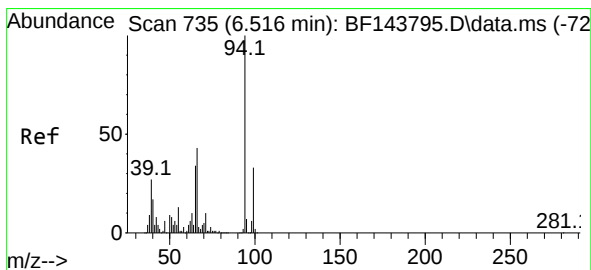
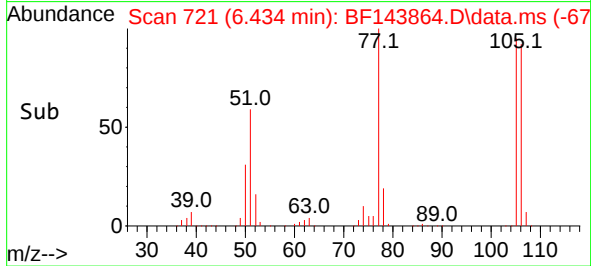
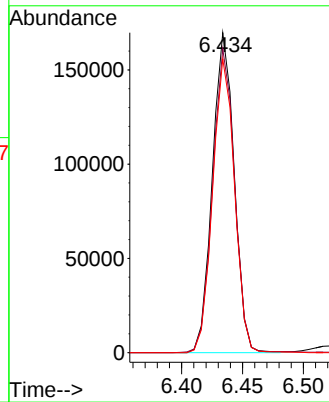
Tgt Ion: 77 Resp: 211201

Ion Ratio Lower Upper

77 100

105 94.9 71.8 111.8

106 91.8 69.8 109.8



#10

Phenol

Concen: 47.683 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

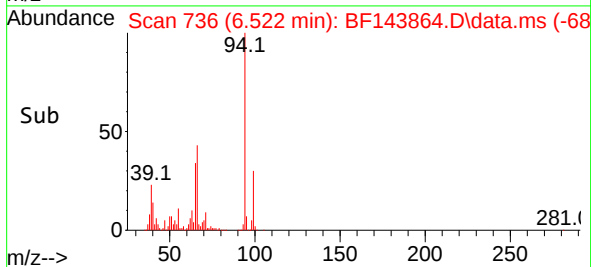
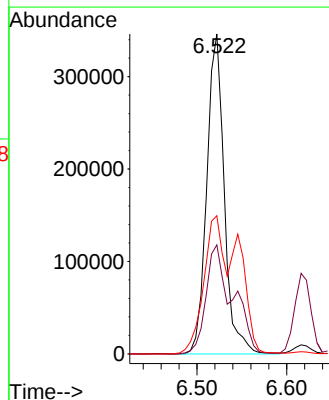
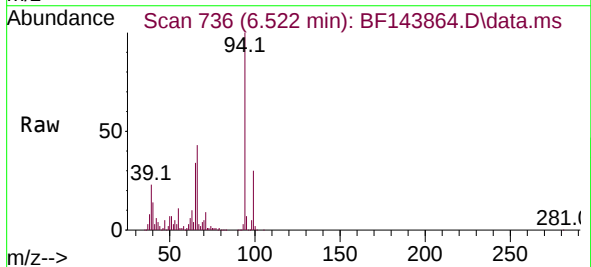
Tgt Ion: 94 Resp: 470637

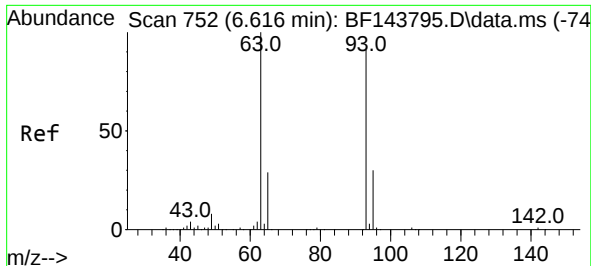
Ion Ratio Lower Upper

94 100

65 34.1 14.2 54.2

66 43.2 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 45.400 ng

RT: 6.616 min Scan# 752

Delta R.T. -0.006 min

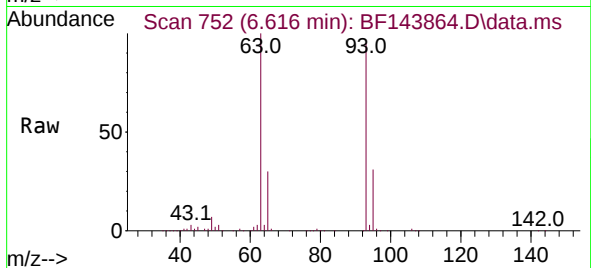
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



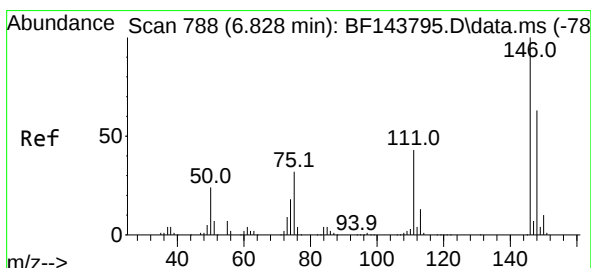
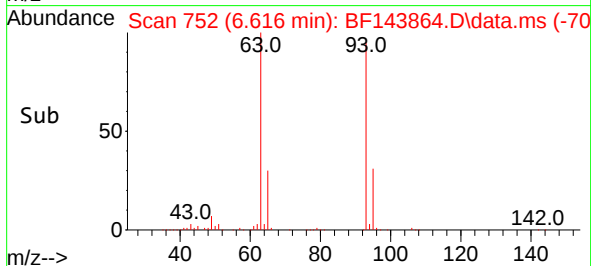
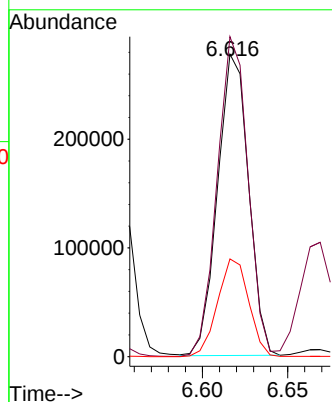
Tgt Ion: 93 Resp: 351252

Ion Ratio Lower Upper

93 100

63 105.8 89.2 129.2

95 32.3 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.666 ng

RT: 6.828 min Scan# 788

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

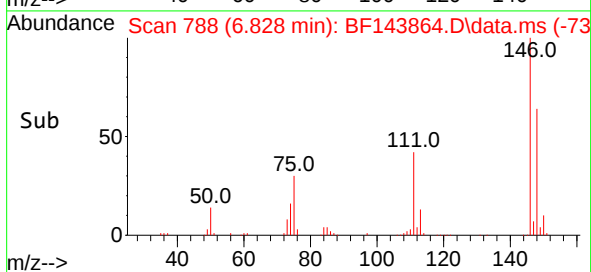
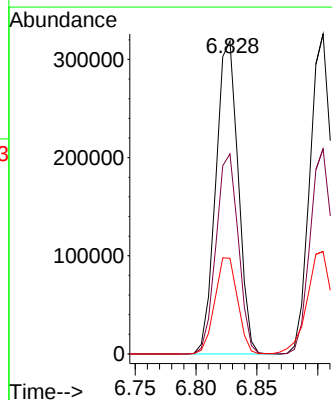
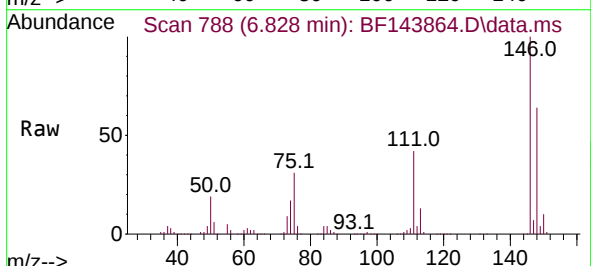
Tgt Ion:146 Resp: 407642

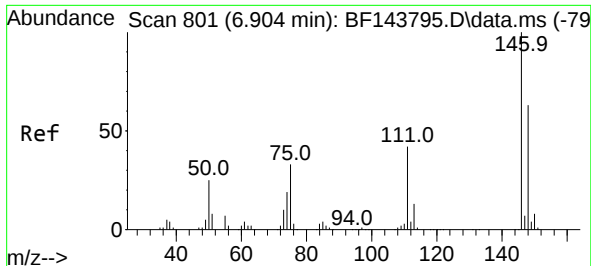
Ion Ratio Lower Upper

146 100

148 63.9 50.4 75.6

75 30.6 25.6 38.4

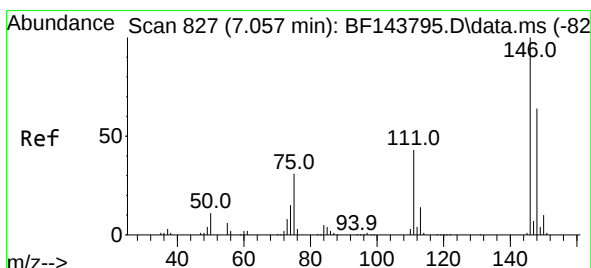
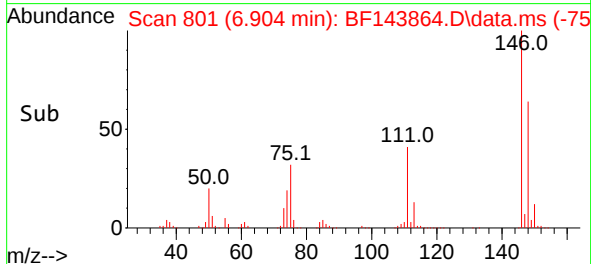
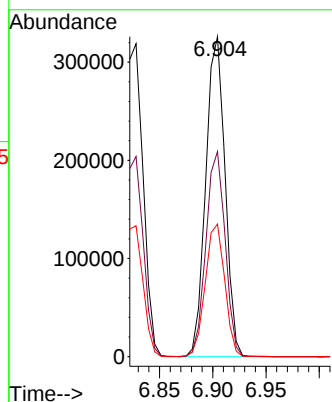
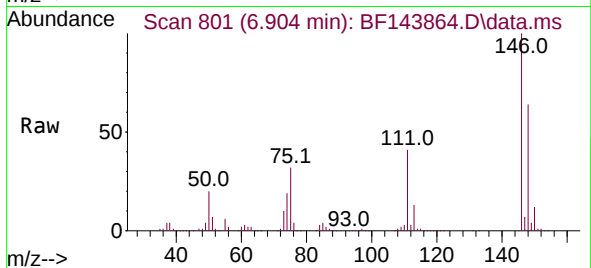




#13
1,4-Dichlorobenzene
Concen: 46.875 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

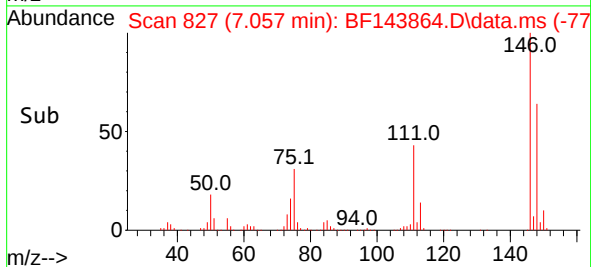
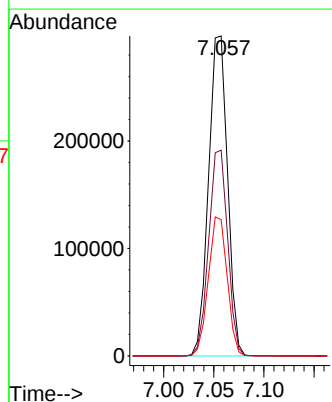
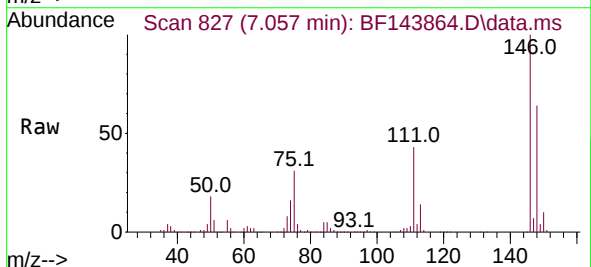
Instrument :
BNA_F
ClientSampleId :

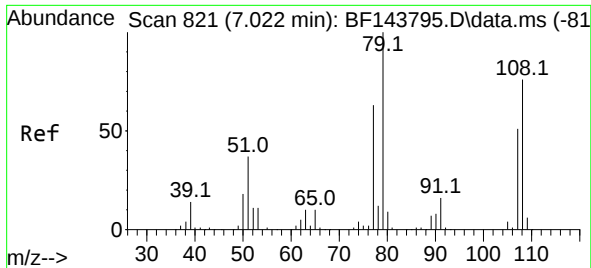
Tgt Ion:146 Resp: 408635
Ion Ratio Lower Upper
146 100
148 64.1 50.7 76.1
111 41.4 33.4 50.2



#14
1,2-Dichlorobenzene
Concen: 47.497 ng
RT: 7.057 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

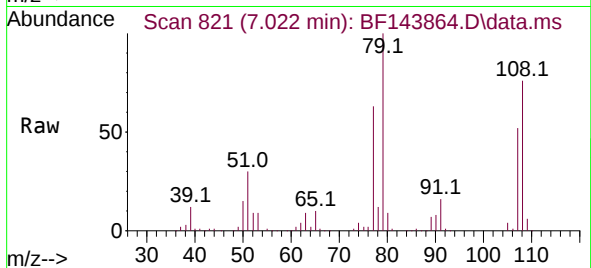
Tgt Ion:146 Resp: 392158
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 42.6 34.3 51.5



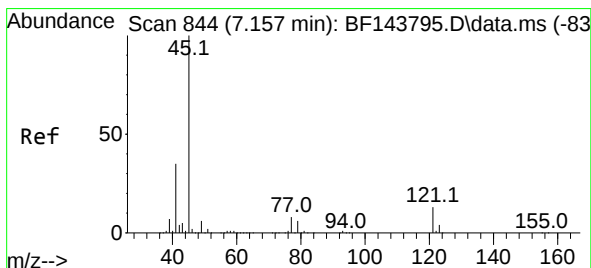
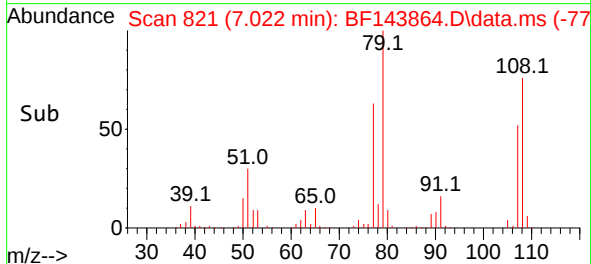
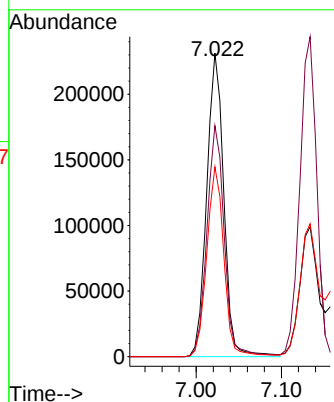


#15
Benzyl Alcohol
Concen: 52.494 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

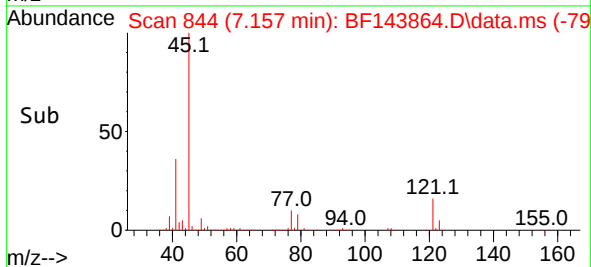
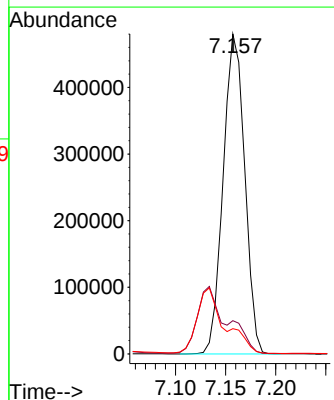
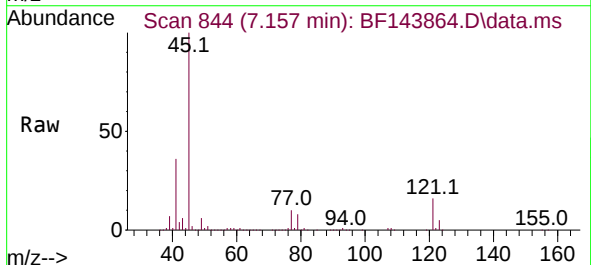


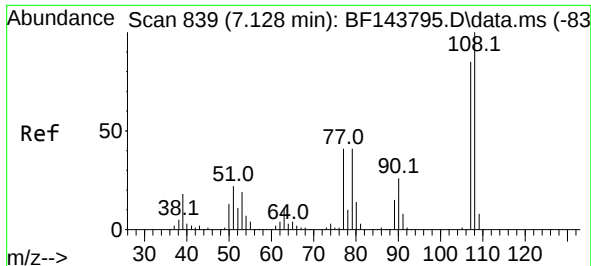
Tgt Ion: 79 Resp: 322083
Ion Ratio Lower Upper
79 100
108 76.1 60.5 90.7
77 62.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.143 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

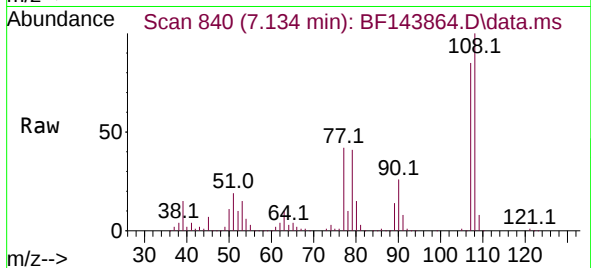
Tgt Ion: 45 Resp: 718122
Ion Ratio Lower Upper
45 100
77 10.4 0.0 28.5
79 7.9 0.0 26.3



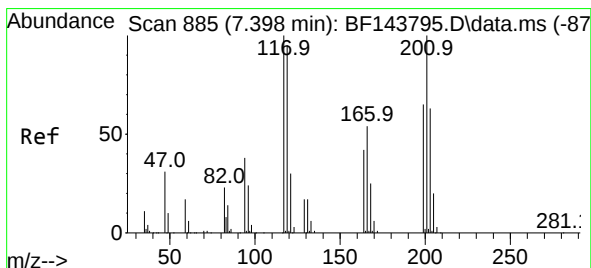
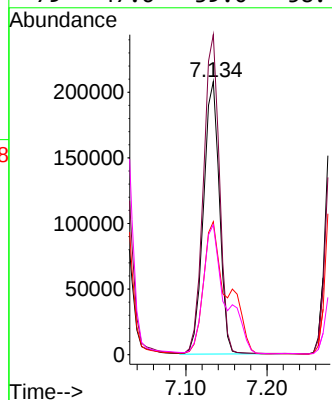
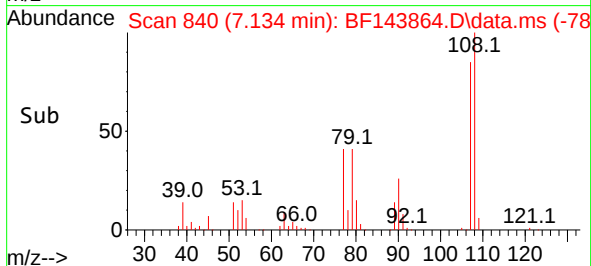


#17
2-Methylphenol
Concen: 48.820 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

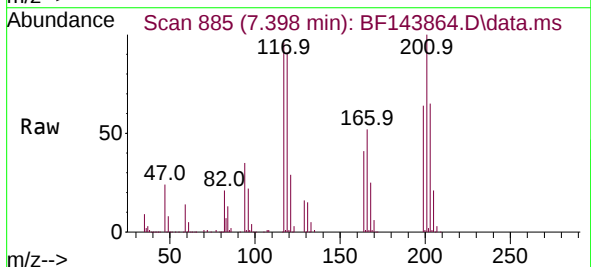
Instrument :
BNA_F
ClientSampleId :



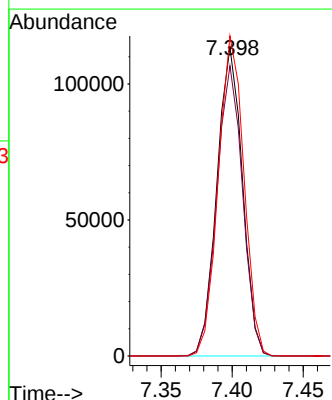
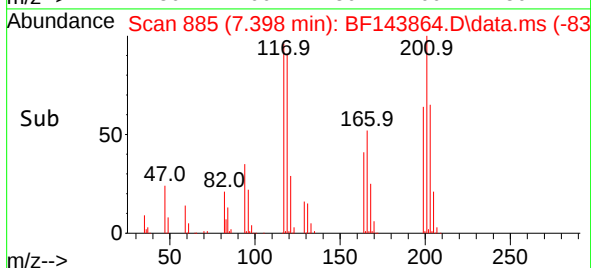
Tgt Ion:	107	Resp:	284360
Ion	Ratio	Lower	Upper
107	100		
108	117.2	94.2	141.4
77	48.7	38.6	58.0
79	47.6	39.0	58.4

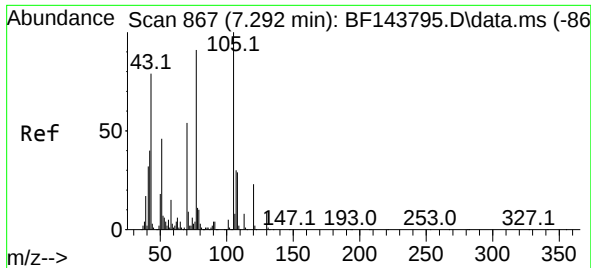


#18
Hexachloroethane
Concen: 46.344 ng
RT: 7.398 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



Tgt Ion:	117	Resp:	142081
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.2	114.2
201	103.6	79.7	119.5

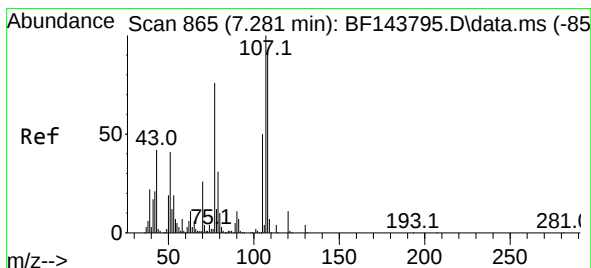
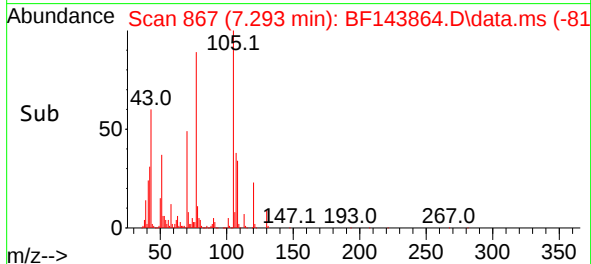
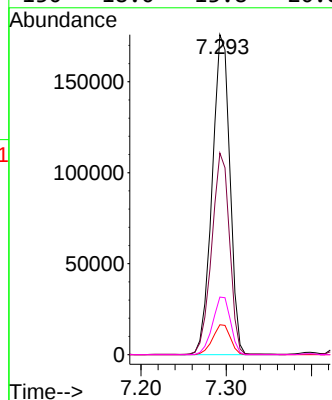
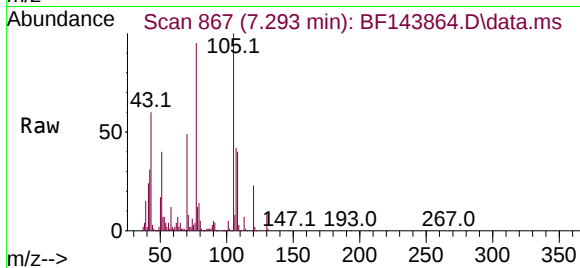




#19
n-Nitroso-di-n-propylamine
Concen: 46.469 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

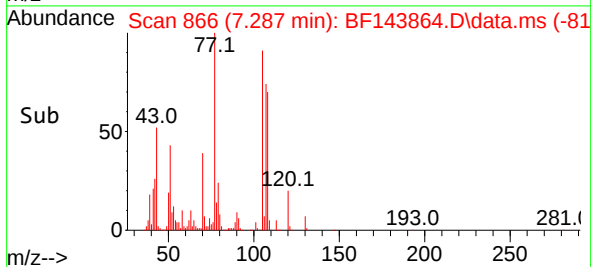
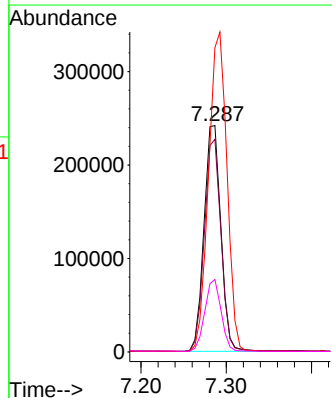
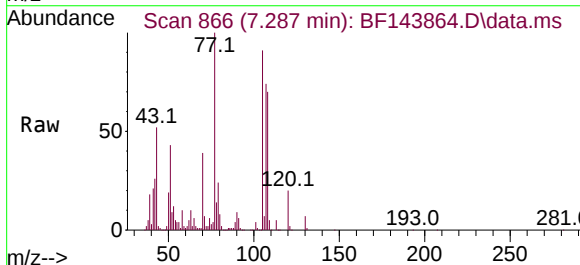
Instrument :
BNA_F
ClientSampleId :

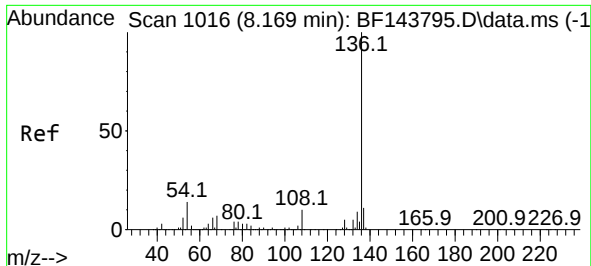
Tgt Ion: 70 Resp: 253743
Ion Ratio Lower Upper
70 100
42 63.0 59.4 89.0
101 9.3 7.1 10.7
130 18.0 13.8 20.8



#20
3+4-Methylphenols
Concen: 46.985 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 107 Resp: 333283
Ion Ratio Lower Upper
107 100
108 93.9 72.5 112.5
77 134.4 56.2 96.2#
79 32.0 10.8 50.8

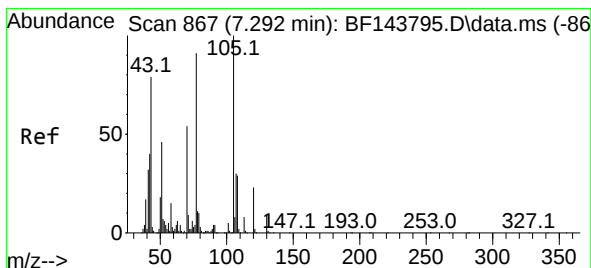
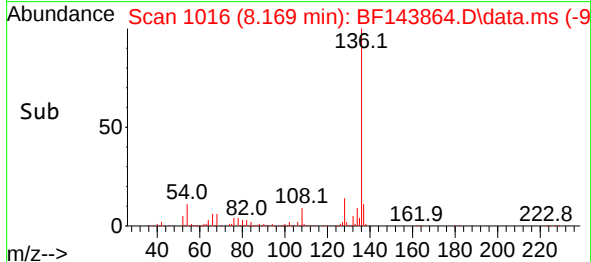
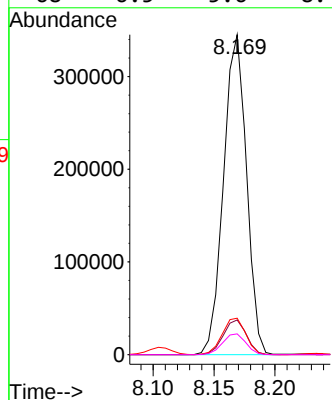
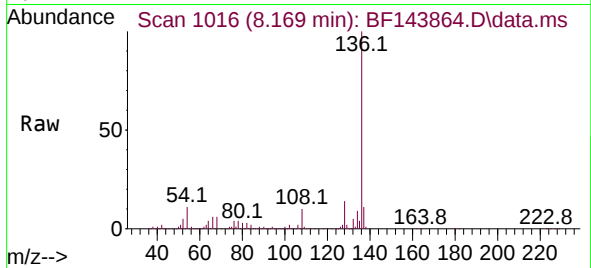




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

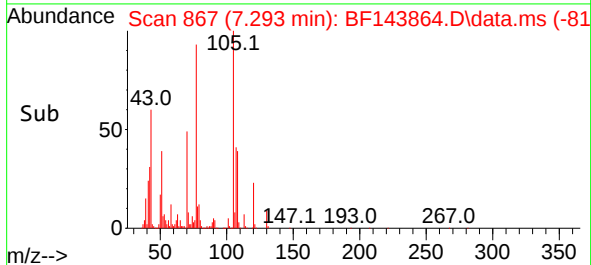
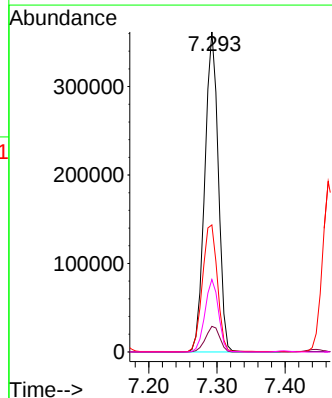
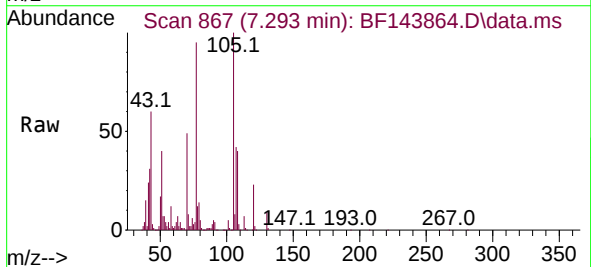
Instrument :
BNA_F
ClientSampleId :

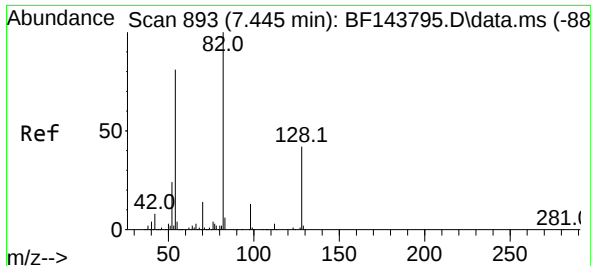
Tgt Ion:136 Resp: 452831
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 11.4 11.2 16.8
68 6.5 5.6 8.4



#22
Acetophenone
Concen: 50.189 ng
RT: 7.293 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:105 Resp: 499175
Ion Ratio Lower Upper
105 100
71 8.0 7.0 10.4
51 39.7 36.6 55.0
120 22.6 18.1 27.1





#23

Nitrobenzene-d5

Concen: 60.197 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

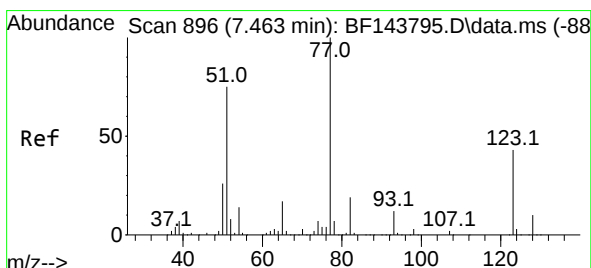
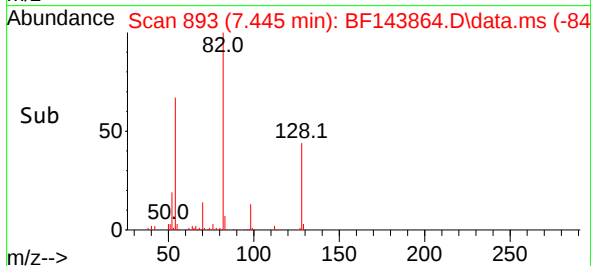
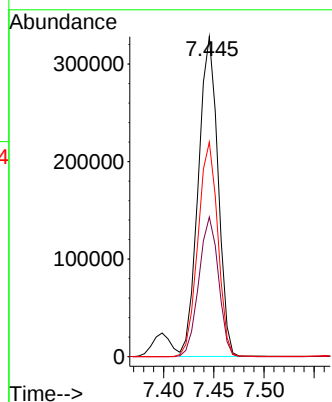
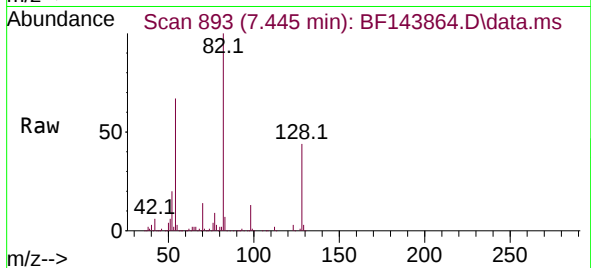
Tgt Ion: 82 Resp: 445326

Ion Ratio Lower Upper

82 100

128 43.6 33.3 49.9

54 67.0 64.2 96.4



#24

Nitrobenzene

Concen: 47.818 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

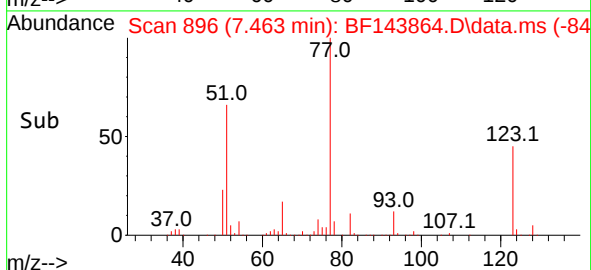
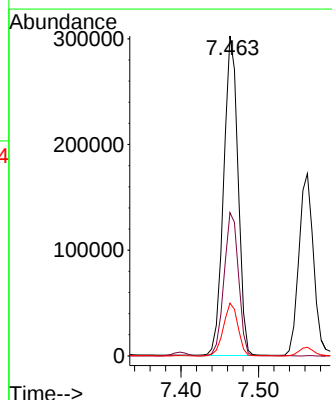
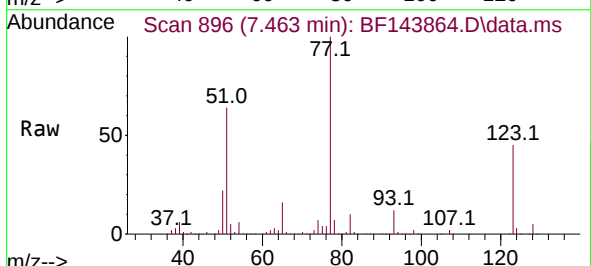
Tgt Ion: 77 Resp: 392104

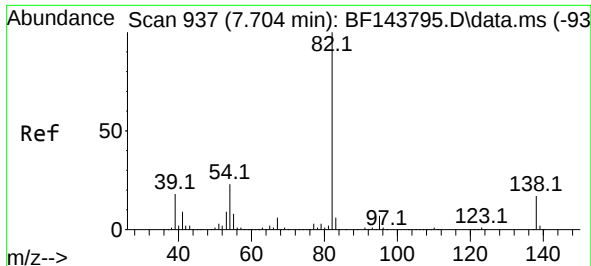
Ion Ratio Lower Upper

77 100

123 44.8 34.0 51.0

65 16.5 13.5 20.3

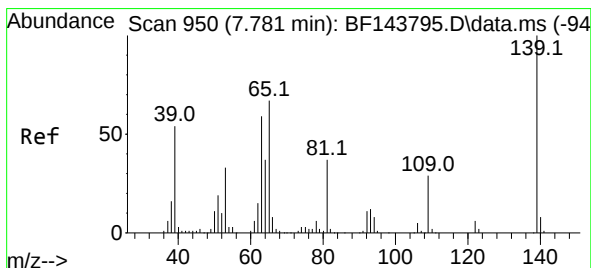
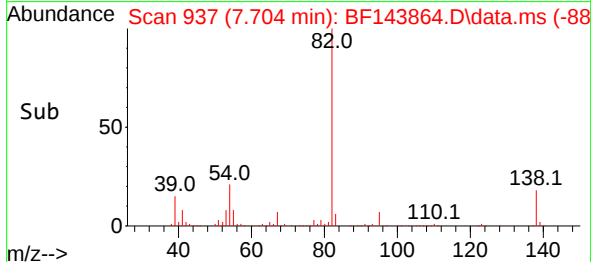
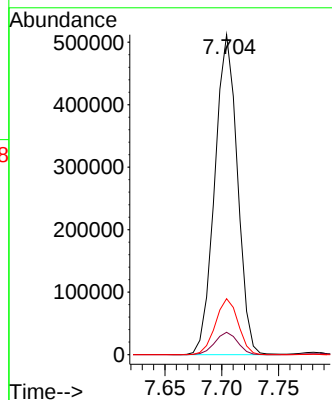
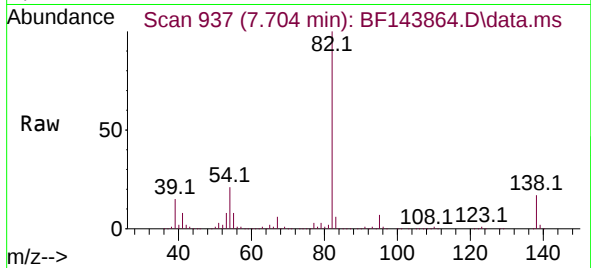




#25
Isophorone
Concen: 49.274 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

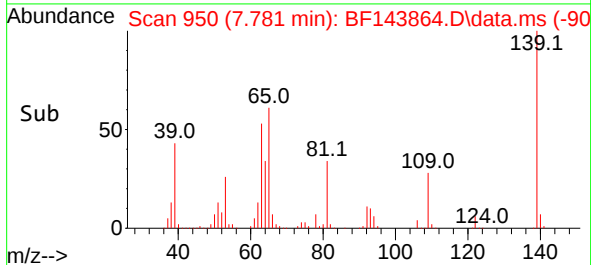
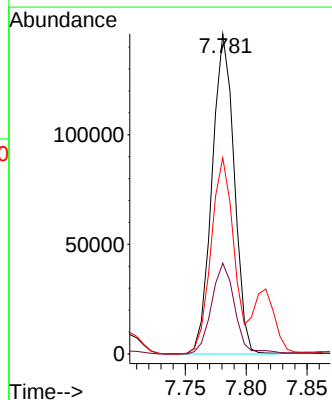
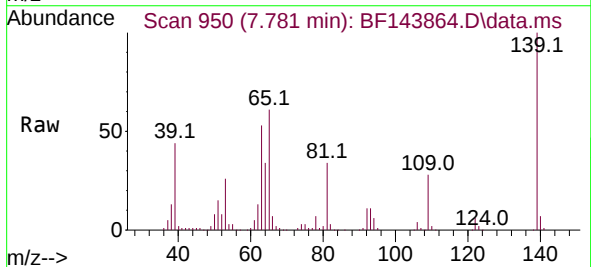
Instrument :
BNA_F
ClientSampleId :

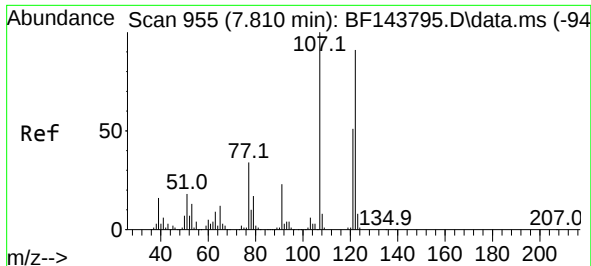
Tgt Ion: 82 Resp: 710337
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 17.5 13.7 20.5



#26
2-Nitrophenol
Concen: 54.406 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.005 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:139 Resp: 184449
Ion Ratio Lower Upper
139 100
109 28.3 23.3 34.9
65 61.3 53.8 80.6





#27

2,4-Dimethylphenol

Concen: 52.242 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

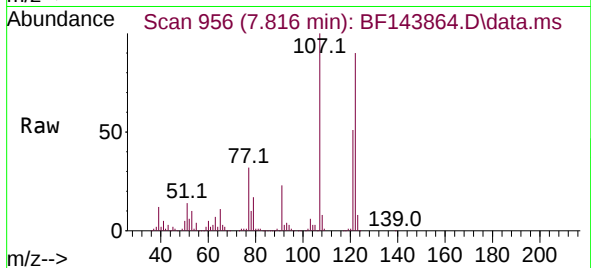
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



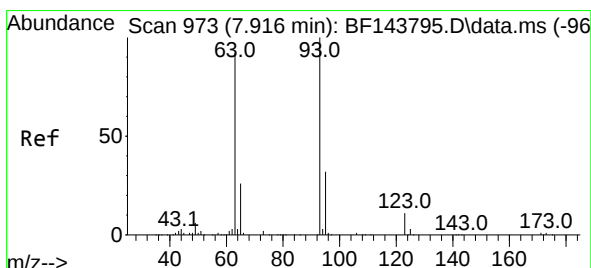
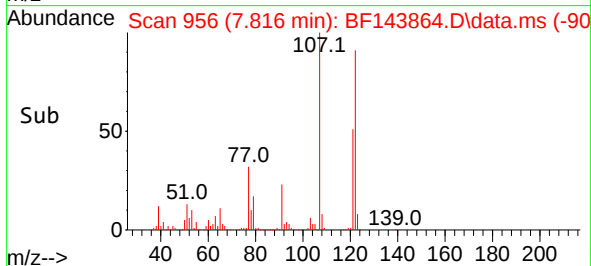
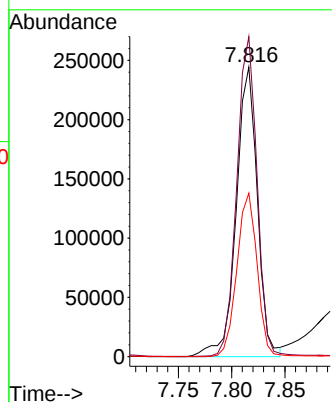
Tgt Ion:122 Resp: 336616

Ion Ratio Lower Upper

122 100

107 110.5 87.5 131.3

121 56.5 44.2 66.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.960 ng

RT: 7.916 min Scan# 973

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

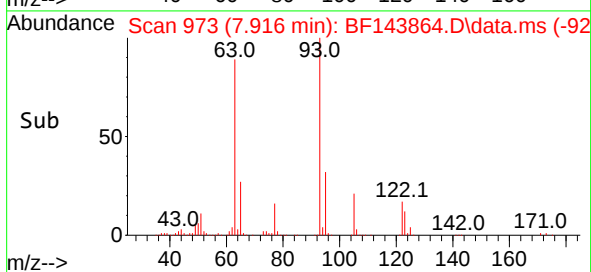
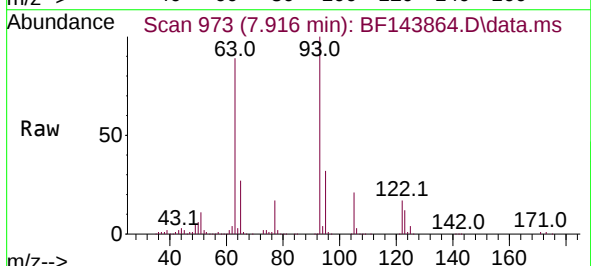
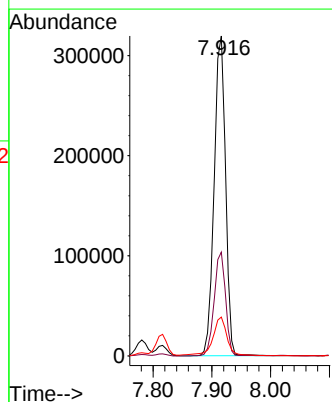
Tgt Ion: 93 Resp: 430461

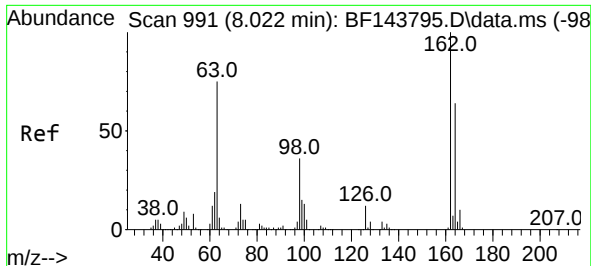
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 12.1 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 48.651 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

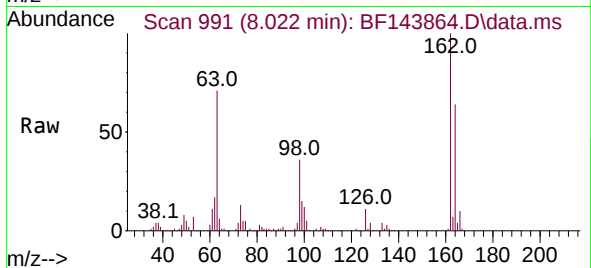
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



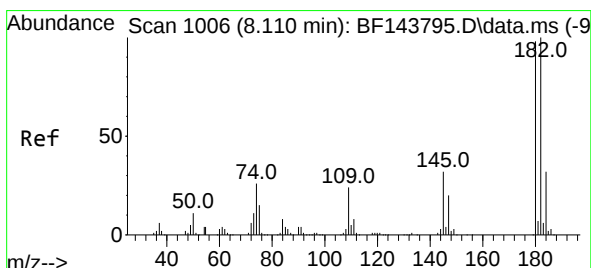
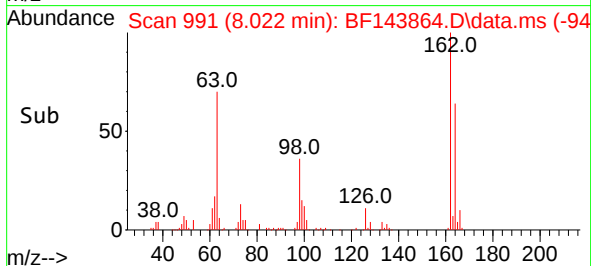
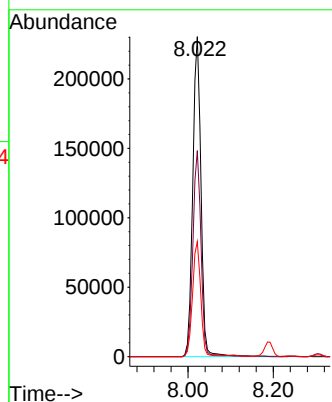
Tgt Ion:162 Resp: 308452

Ion Ratio Lower Upper

162 100

164 64.4 44.1 84.1

98 35.9 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 49.430 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

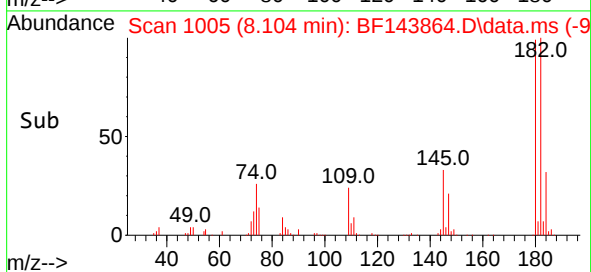
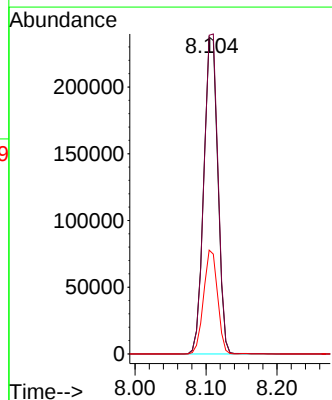
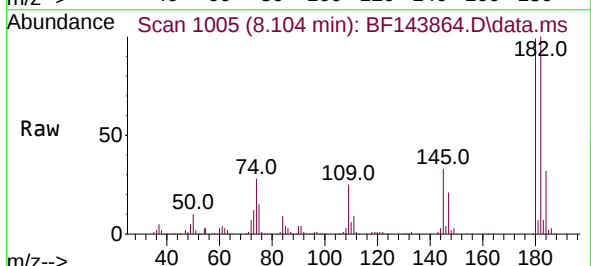
Tgt Ion:180 Resp: 325230

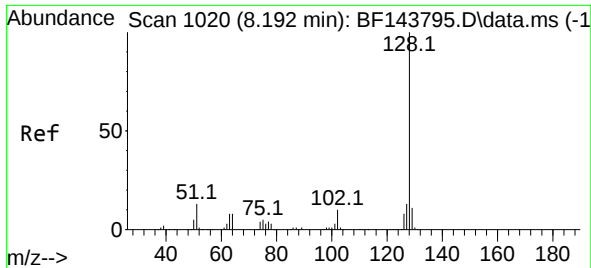
Ion Ratio Lower Upper

180 100

182 100.6 82.0 123.0

145 32.8 25.9 38.9

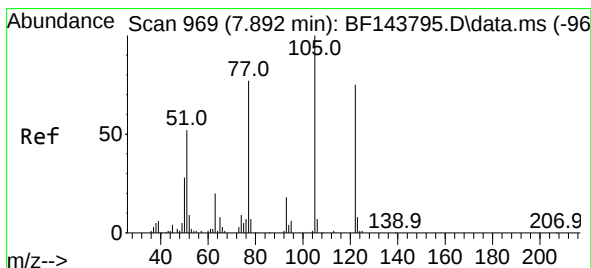
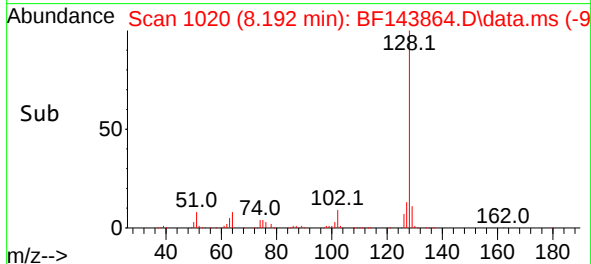
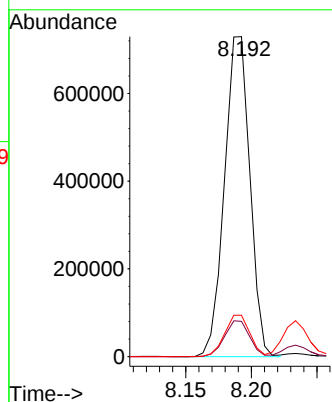
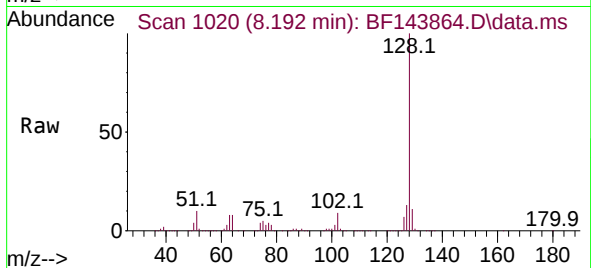




#31
Naphthalene
Concen: 45.485 ng
RT: 8.192 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

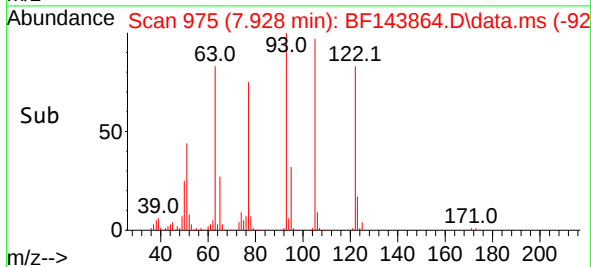
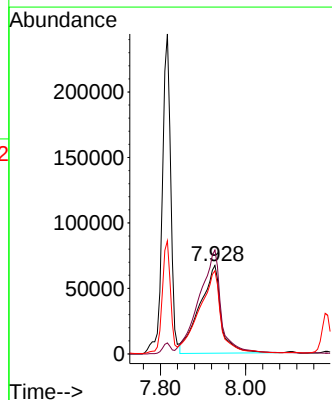
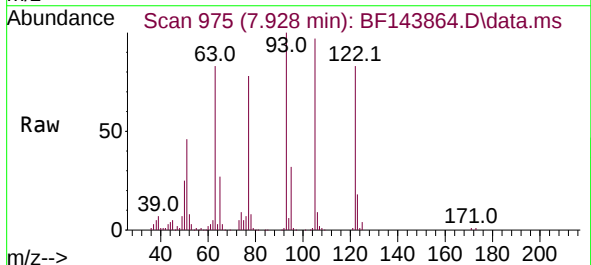
Instrument :
BNA_F
ClientSampleId :

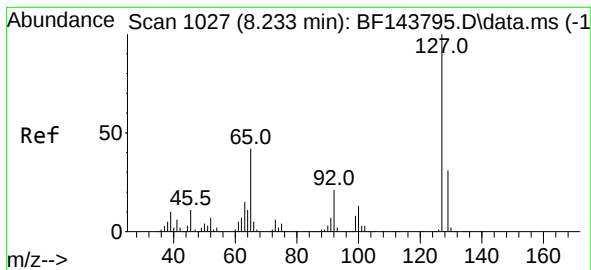
Tgt Ion:128 Resp: 986012
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 75.394 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:122 Resp: 234383
Ion Ratio Lower Upper
122 100
105 117.5 103.7 143.7
77 94.0 78.8 118.8





#33

4-Chloroaniline

Concen: 15.178 ng

RT: 8.234 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 115624

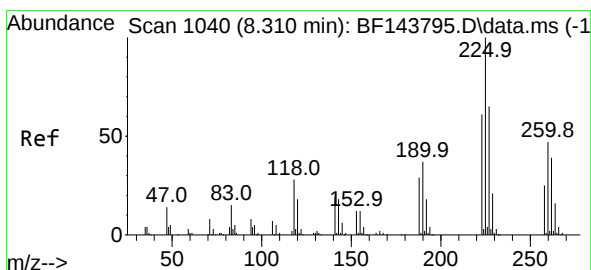
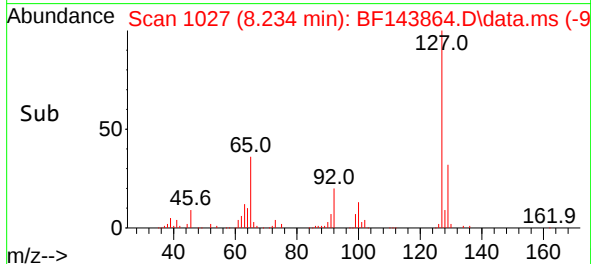
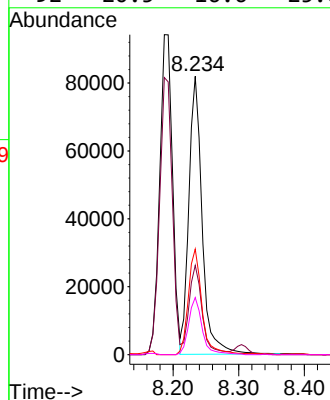
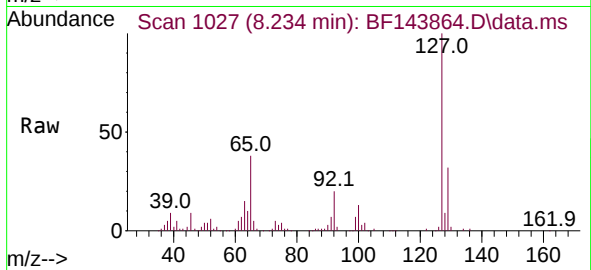
Ion Ratio Lower Upper

127 100

129 32.1 25.4 38.2

65 37.9 33.4 50.2

92 20.5 16.6 25.0



#34

Hexachlorobutadiene

Concen: 46.838 ng

RT: 8.304 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

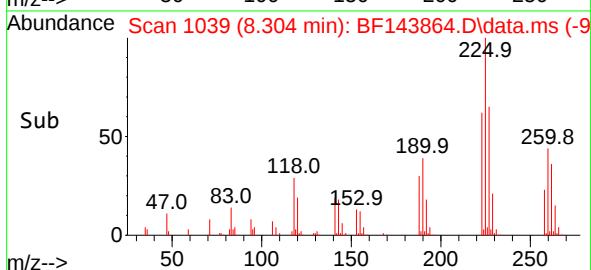
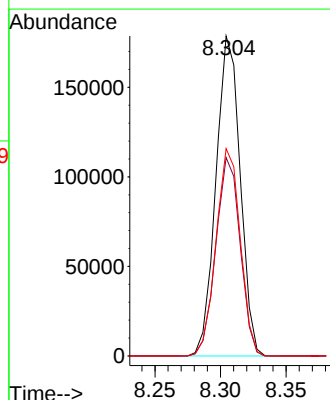
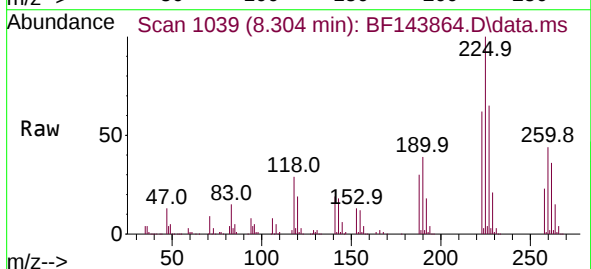
Tgt Ion:225 Resp: 229733

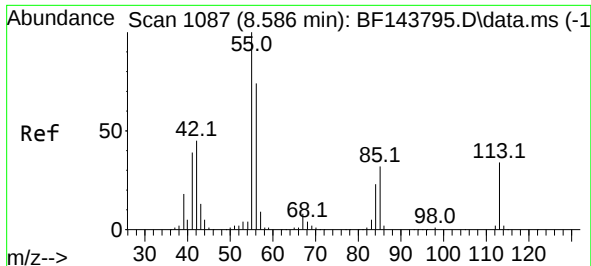
Ion Ratio Lower Upper

225 100

223 62.0 48.6 72.8

227 64.8 51.9 77.9

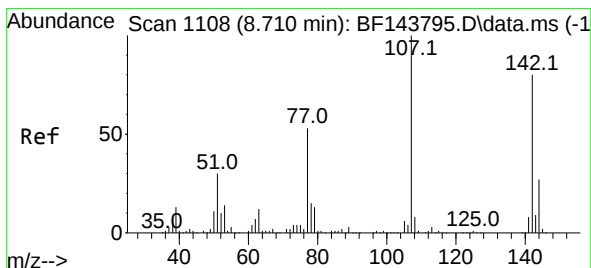
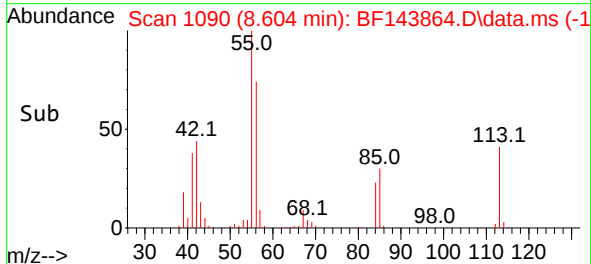
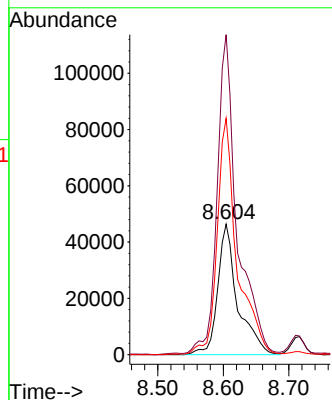
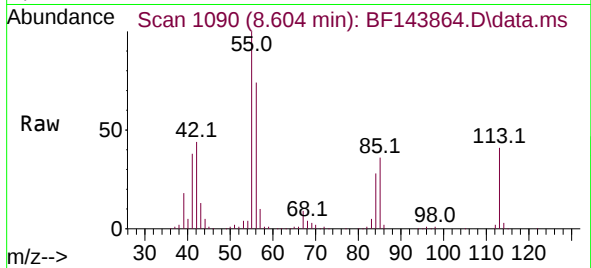




#35
Caprolactam
Concen: 60.552 ng
RT: 8.604 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

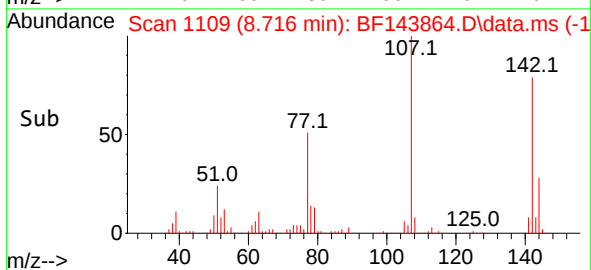
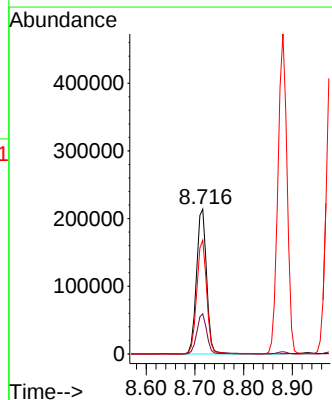
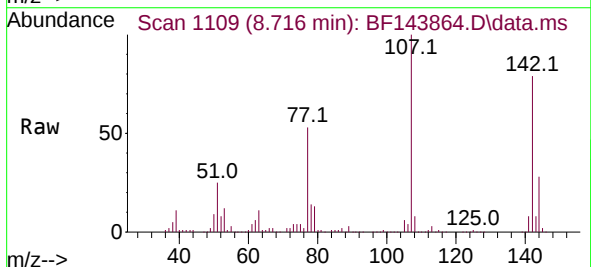
Instrument :
BNA_F
ClientSampleId :

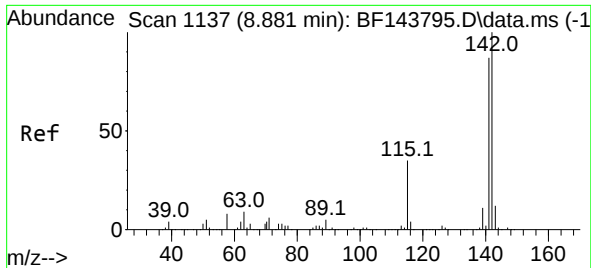
Tgt Ion:113 Resp: 98125
Ion Ratio Lower Upper
113 100
55 245.3 271.7 311.7#
56 181.1 194.5 234.5#



#36
4-Chloro-3-methylphenol
Concen: 51.593 ng
RT: 8.716 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:107 Resp: 306778
Ion Ratio Lower Upper
107 100
144 27.7 21.8 32.8
142 78.6 63.6 95.4

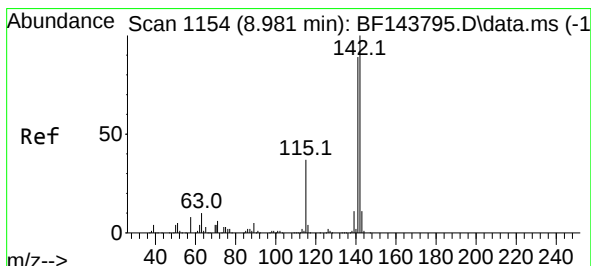
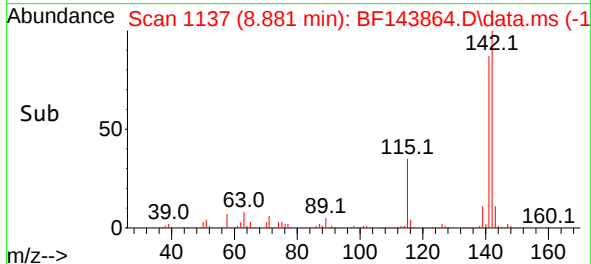
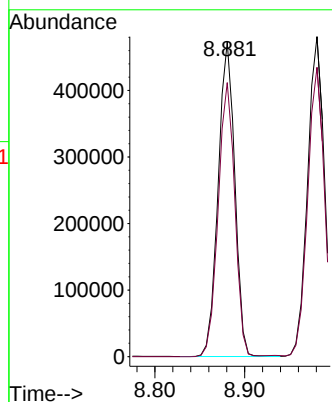
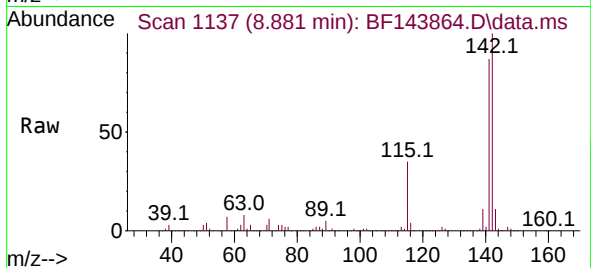




#37
2-Methylnaphthalene
Concen: 44.309 ng
RT: 8.881 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

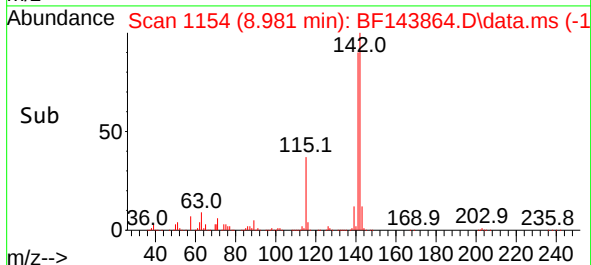
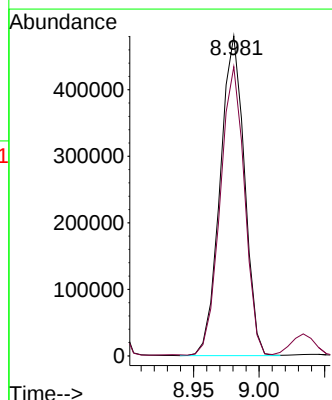
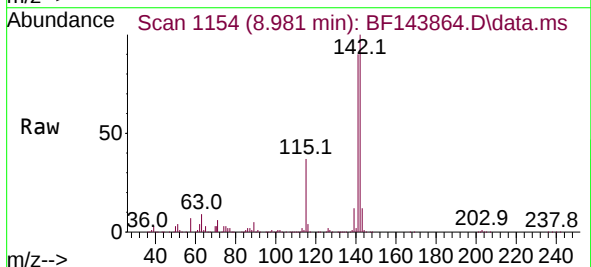
Instrument :
BNA_F
ClientSampleId :

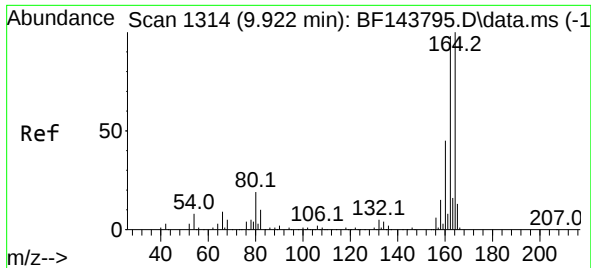
Tgt Ion:142 Resp: 612475
Ion Ratio Lower Upper
142 100
141 87.1 69.4 104.0



#38
1-Methylnaphthalene
Concen: 46.926 ng
RT: 8.981 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

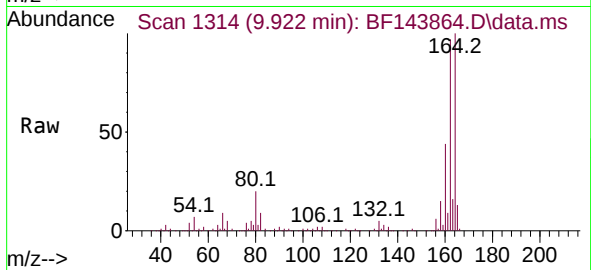
Tgt Ion:142 Resp: 620851
Ion Ratio Lower Upper
142 100
141 90.4 71.1 106.7



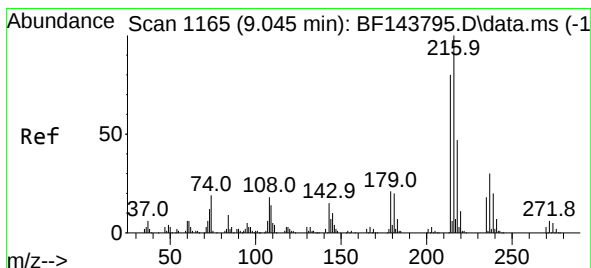
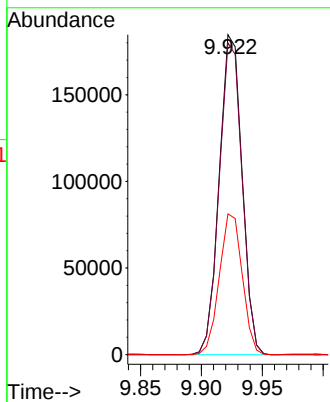
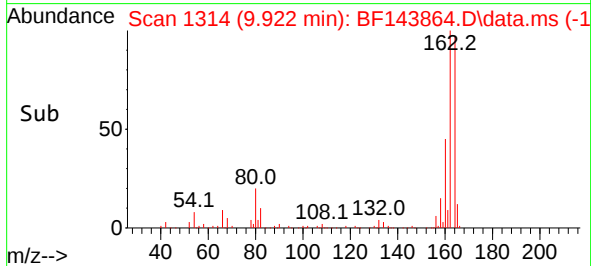


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

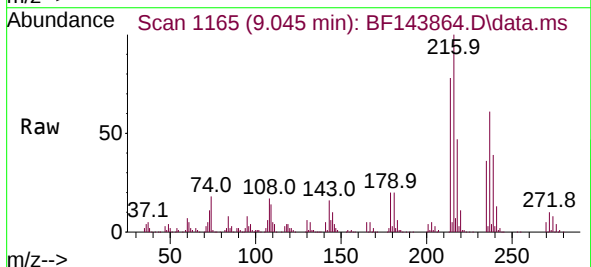
Instrument :
BNA_F
ClientSampleId :



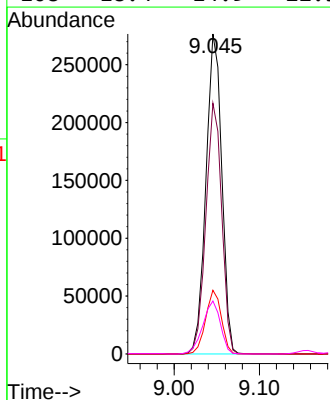
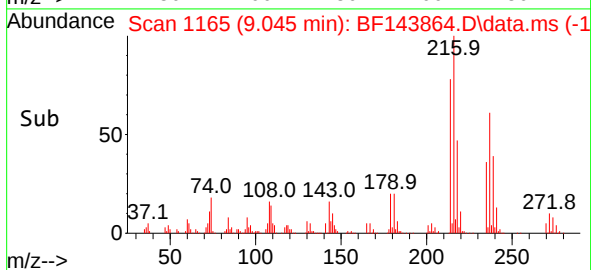
Tgt Ion:164 Resp: 241644
Ion Ratio Lower Upper
164 100
162 97.4 78.8 118.2
160 44.0 35.8 53.6

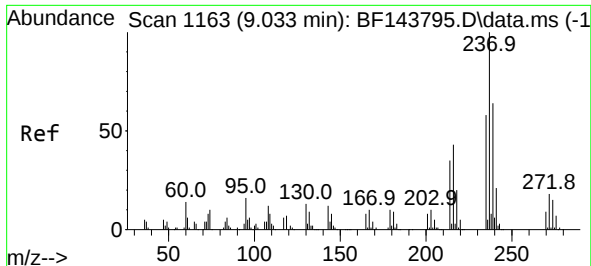


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.948 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



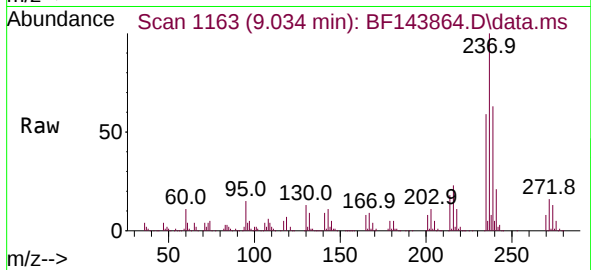
Tgt Ion:216 Resp: 356950
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 19.8 16.5 24.7
108 18.4 14.9 22.3



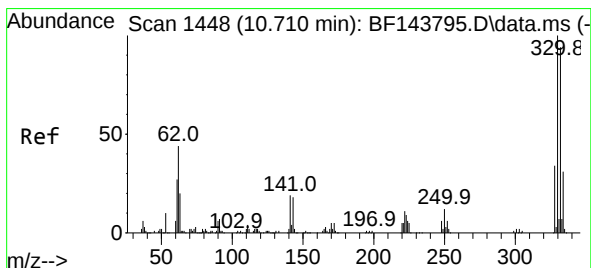
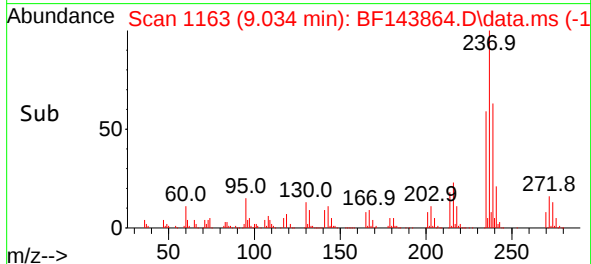
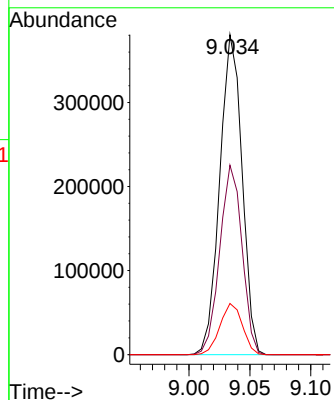


#41
Hexachlorocyclopentadiene
Concen: 105.078 ng
RT: 9.034 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

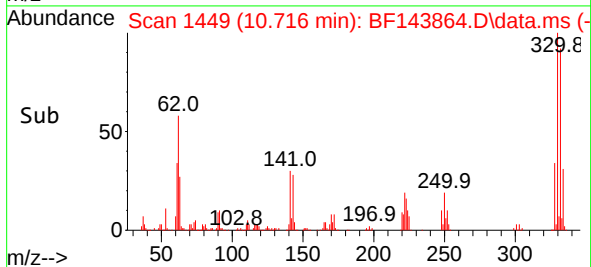
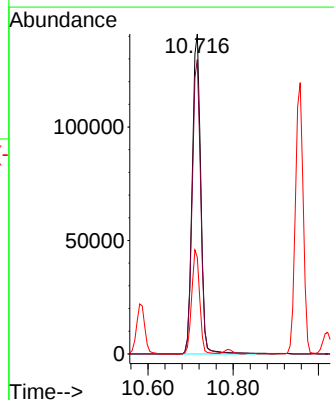
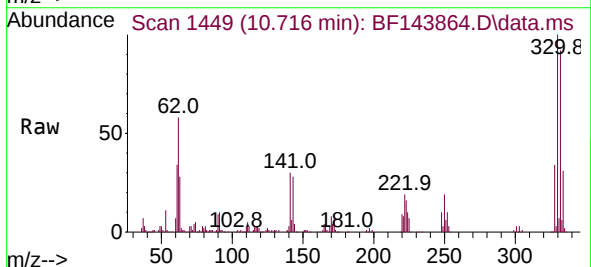


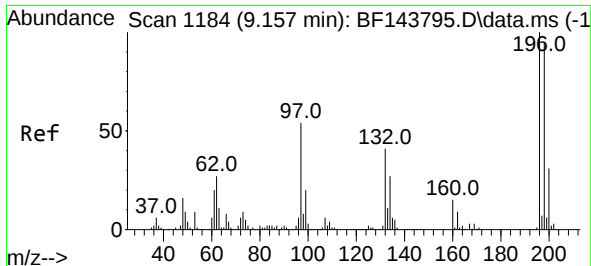
Tgt Ion:237 Resp: 485641
Ion Ratio Lower Upper
237 100
235 59.2 38.1 78.1
272 16.0 0.0 37.9



#42
2,4,6-Tribromophenol
Concen: 54.706 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:330 Resp: 195734
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: 49.930 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

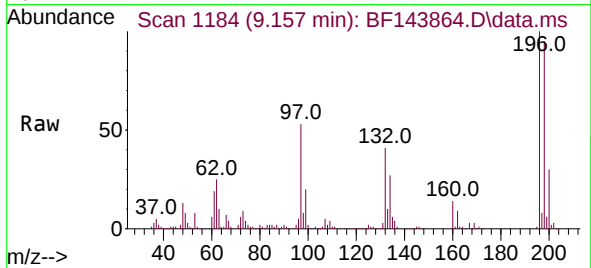
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



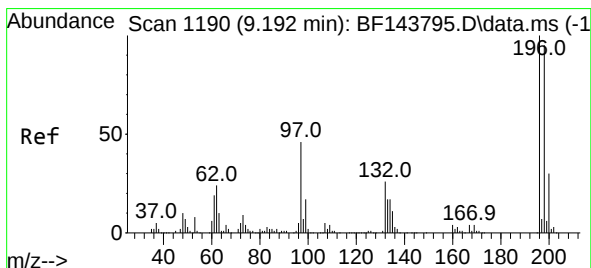
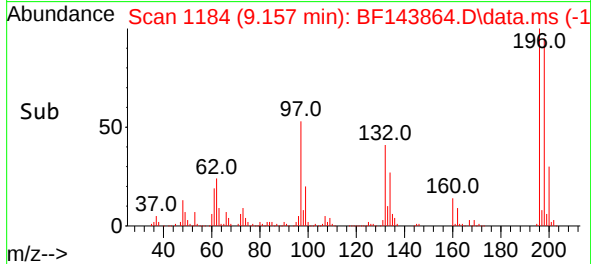
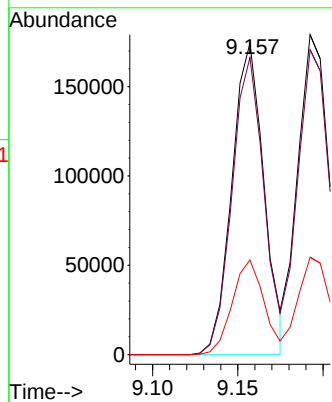
Tgt Ion:196 Resp: 227991

Ion Ratio Lower Upper

196 100

198 95.3 76.2 114.2

200 30.4 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 49.134 ng

RT: 9.192 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Tgt Ion:196 Resp: 234672

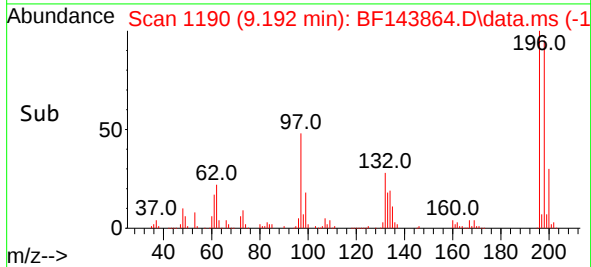
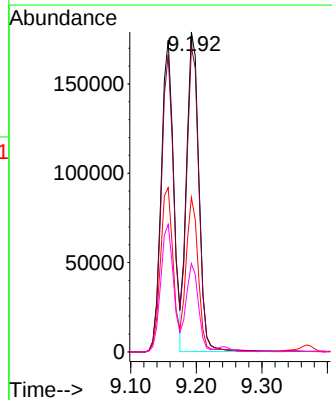
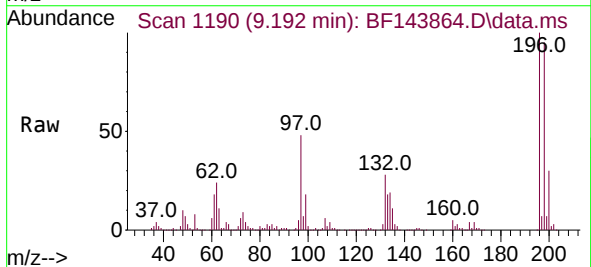
Ion Ratio Lower Upper

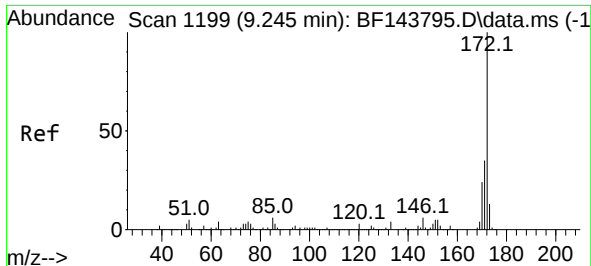
196 100

198 95.3 75.9 113.9

97 48.3 38.3 57.5

132 27.6 21.9 32.9





#45

2-Fluorobiphenyl

Concen: 50.439 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

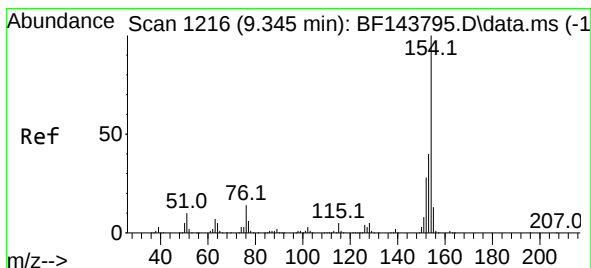
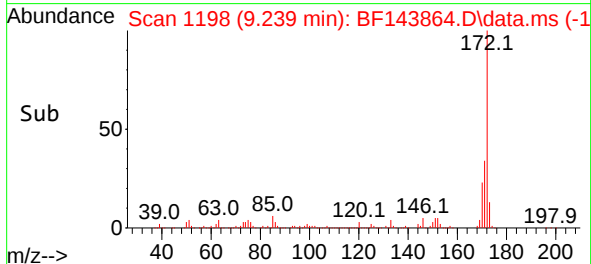
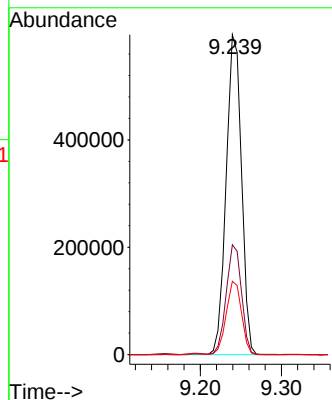
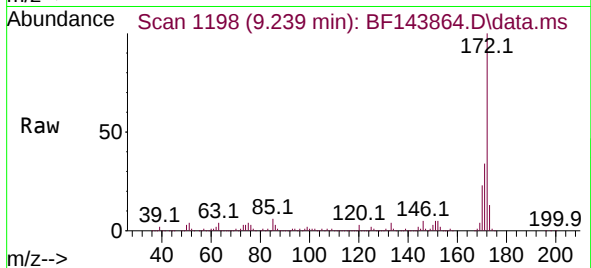
Tgt Ion:172 Resp: 781050

Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 49.480 ng

RT: 9.345 min Scan# 1216

Delta R.T. 0.000 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

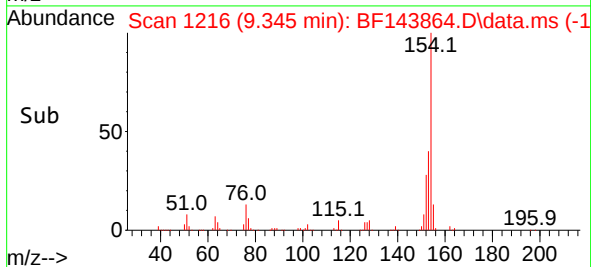
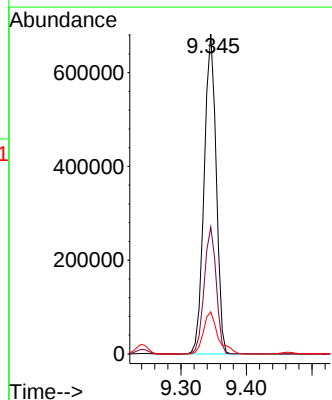
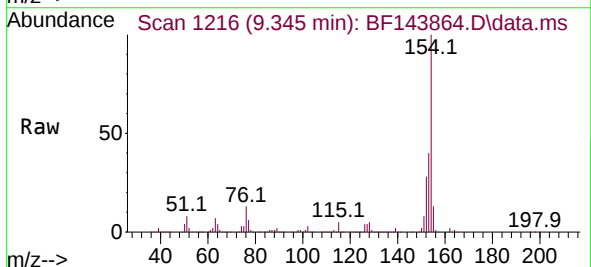
Tgt Ion:154 Resp: 865505

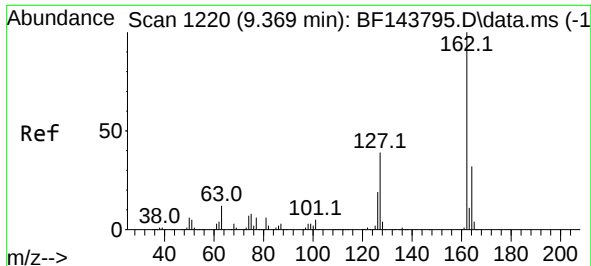
Ion Ratio Lower Upper

154 100

153 39.7 19.7 59.7

76 13.1 0.0 33.8

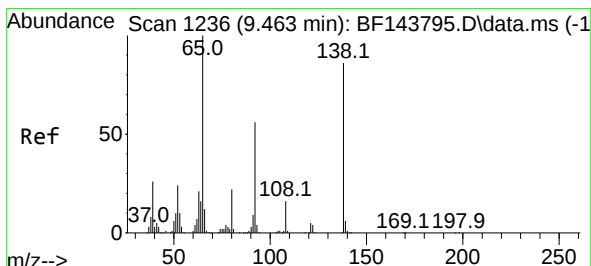
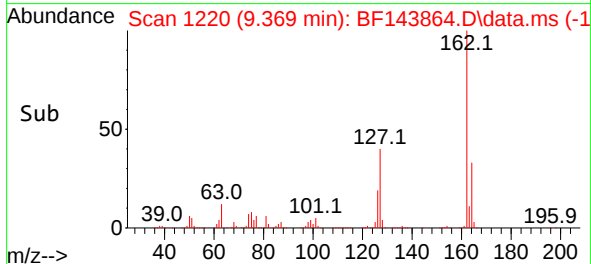
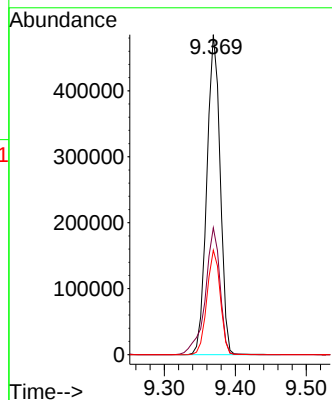
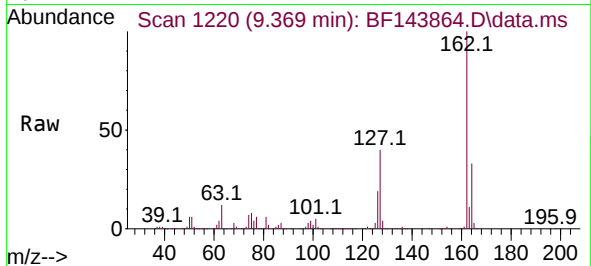




#47
2-Chloronaphthalene
Concen: 44.695 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

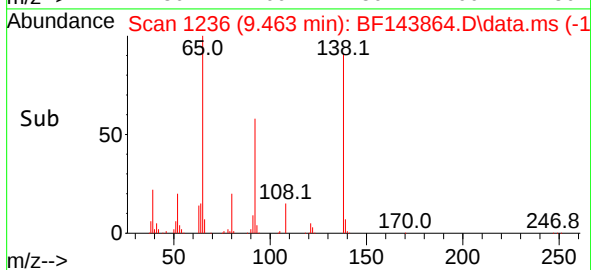
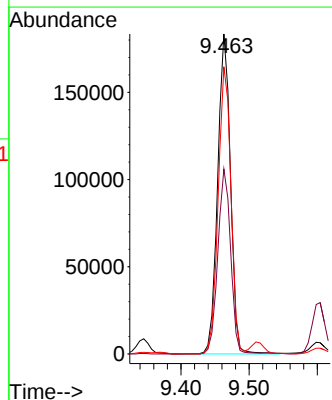
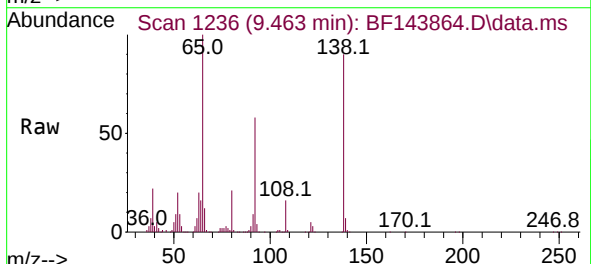
Instrument :
BNA_F
ClientSampleId :

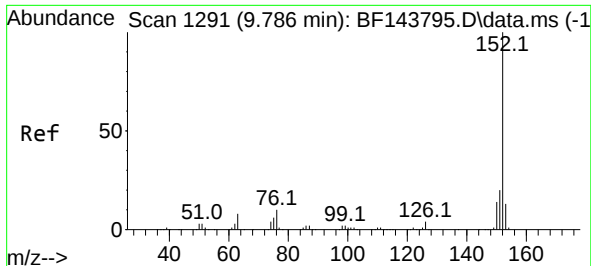
Tgt Ion:162 Resp: 629309
Ion Ratio Lower Upper
162 100
127 39.6 31.5 47.3
164 32.6 25.9 38.9



#48
2-Nitroaniline
Concen: 56.079 ng
RT: 9.463 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion: 65 Resp: 238647
Ion Ratio Lower Upper
65 100
92 57.8 44.9 67.3
138 89.7 69.0 103.4





#49

Acenaphthylene

Concen: 52.805 ng

RT: 9.787 min Scan# 1291

Delta R.T. 0.000 min

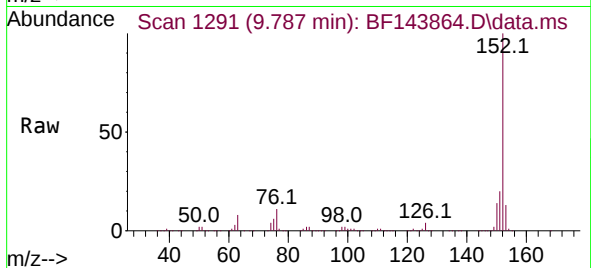
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



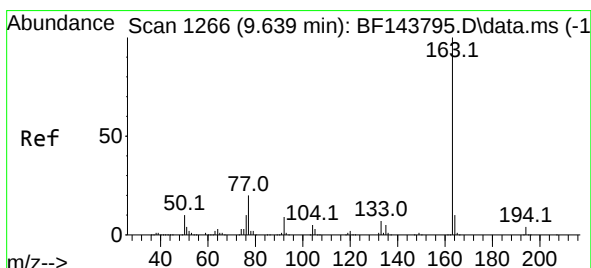
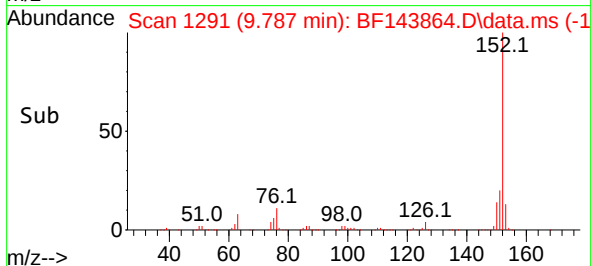
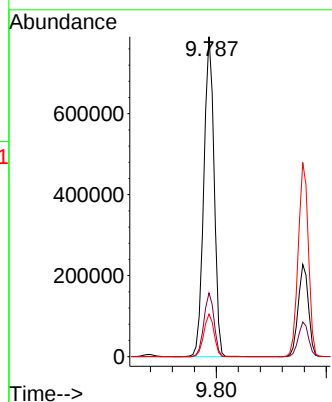
Tgt Ion:152 Resp: 1023535

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 49.664 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

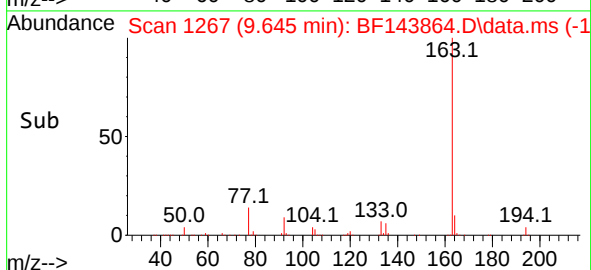
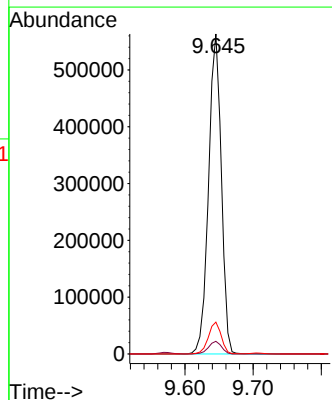
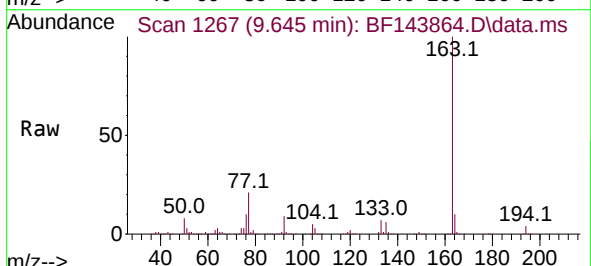
Tgt Ion:163 Resp: 731465

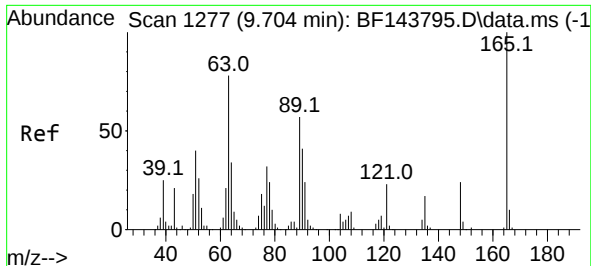
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

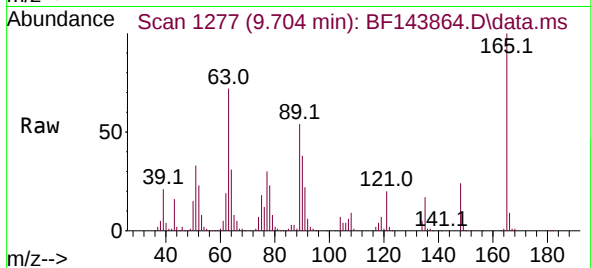
164 9.9 8.2 12.2



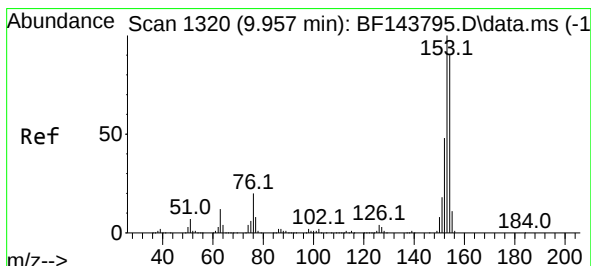
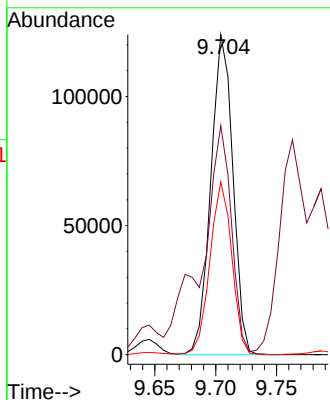
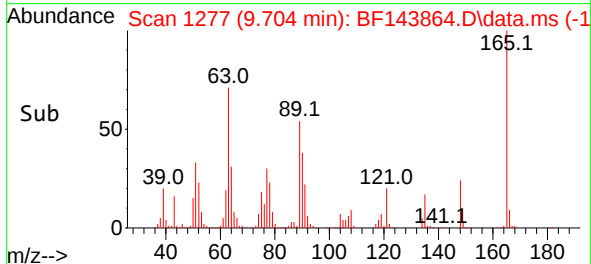


#51
2,6-Dinitrotoluene
Concen: 64.642 ng
RT: 9.704 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

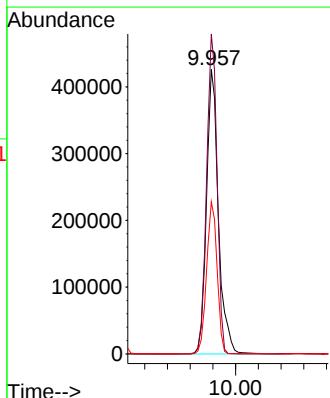
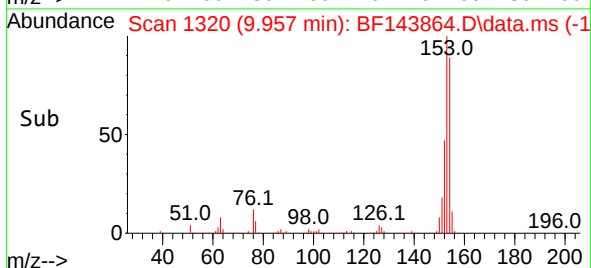
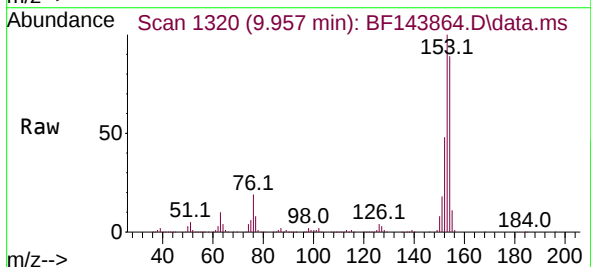


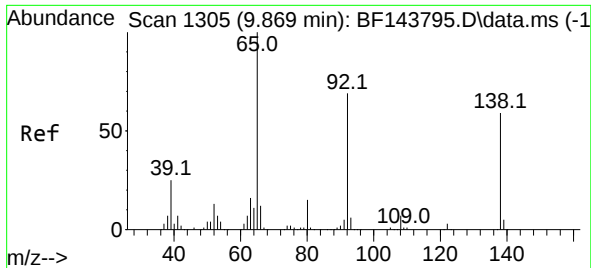
Tgt Ion:165 Resp: 156423
Ion Ratio Lower Upper
165 100
63 71.5 62.6 94.0
89 54.0 45.2 67.8



#52
Acenaphthene
Concen: 48.786 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:154 Resp: 622293
Ion Ratio Lower Upper
154 100
153 112.5 88.7 133.1
152 53.5 42.7 64.1

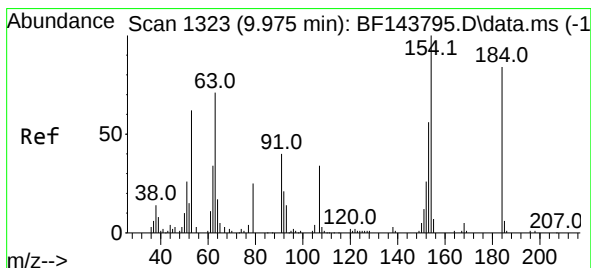
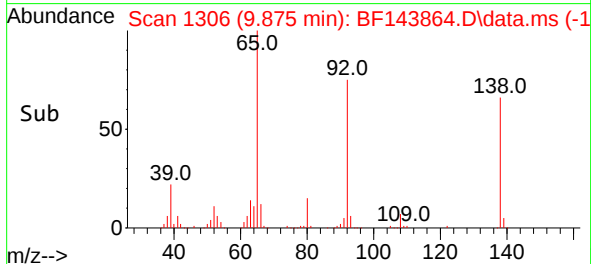
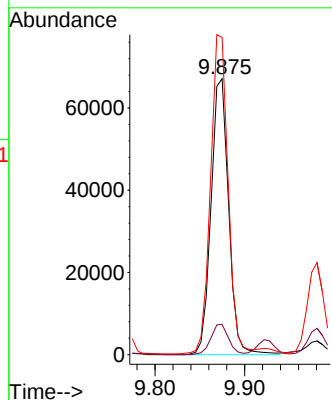
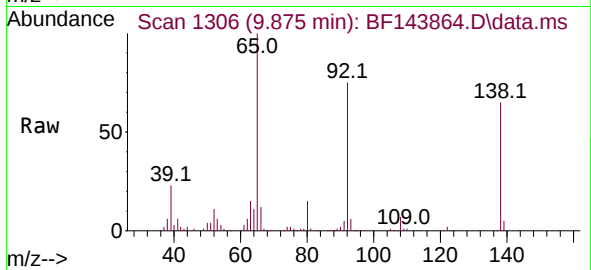




#53
3-Nitroaniline
Concen: 31.191 ng
RT: 9.875 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

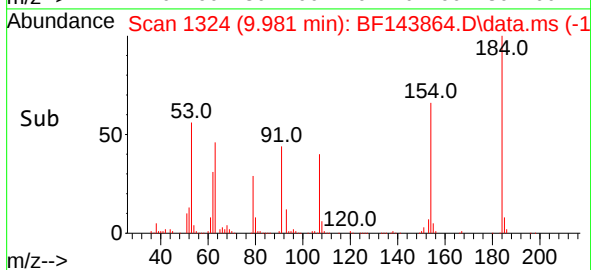
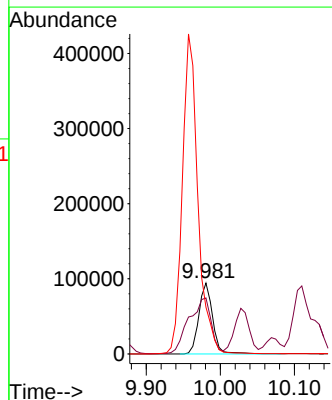
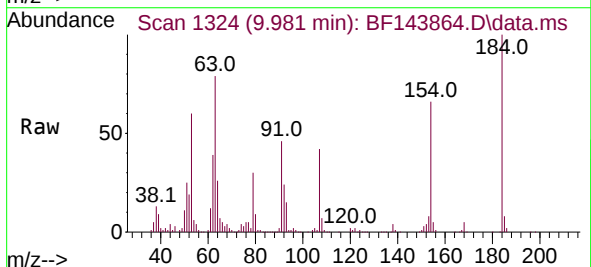
Instrument :
BNA_F
ClientSampleId :

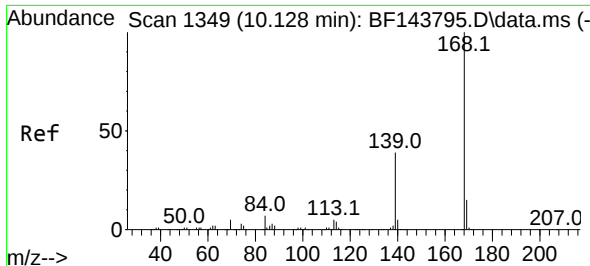
Tgt Ion:138 Resp: 91487
Ion Ratio Lower Upper
138 100
108 10.9 9.9 14.9
92 115.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 100.703 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

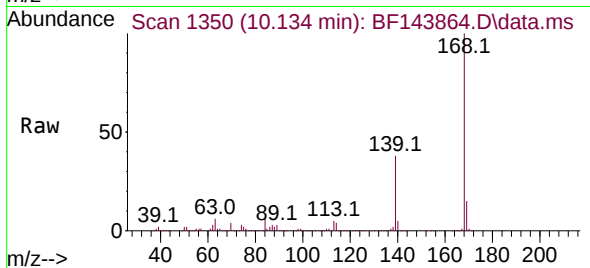
Tgt Ion:184 Resp: 121210
Ion Ratio Lower Upper
184 100
63 79.0 84.6 127.0#
154 65.8 199.3 298.9#



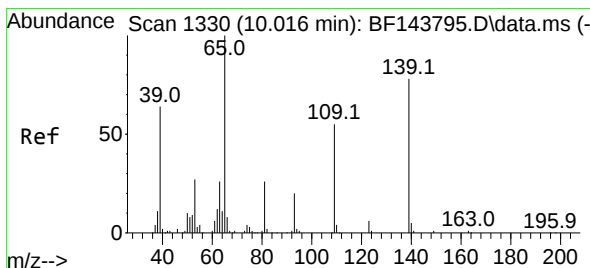
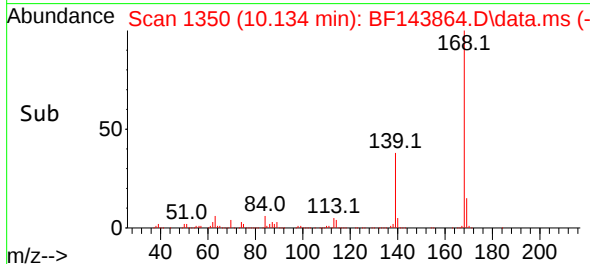
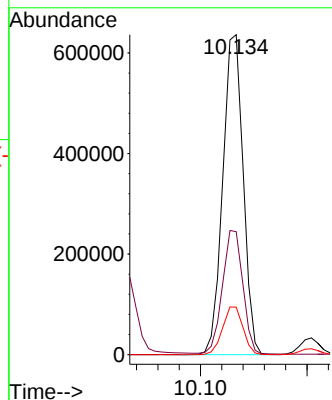


#55
Dibenzenofuran
Concen: 47.064 ng
RT: 10.134 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

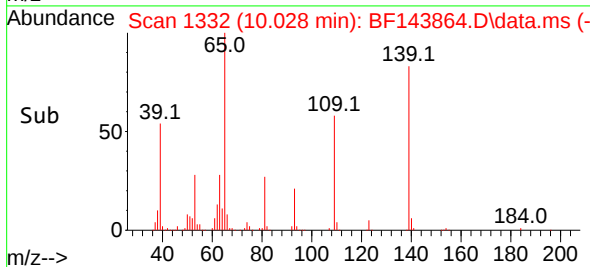
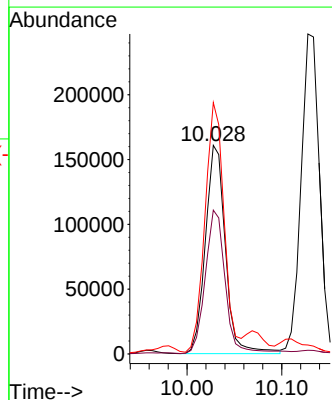
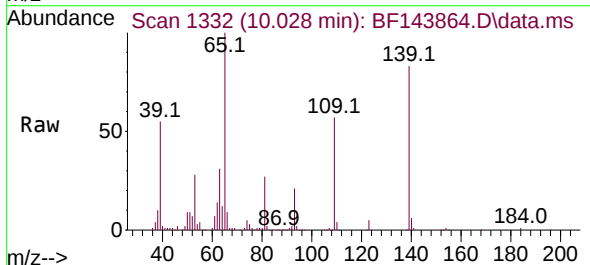


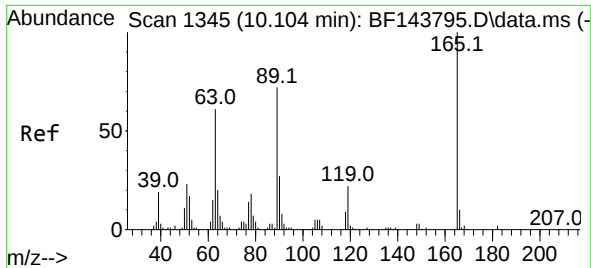
Tgt Ion:168 Resp: 848921
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.6
169 14.9 11.9 17.9



#56
4-Nitrophenol
Concen: 100.124 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

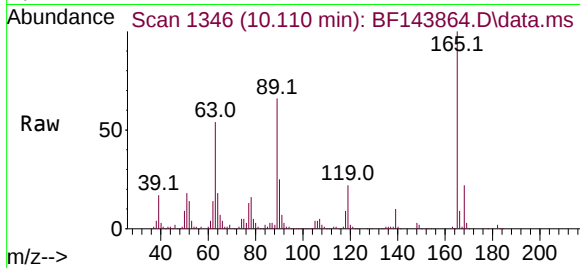
Tgt Ion:139 Resp: 236657
Ion Ratio Lower Upper
139 100
109 68.9 50.2 90.2
65 120.5 109.2 149.2



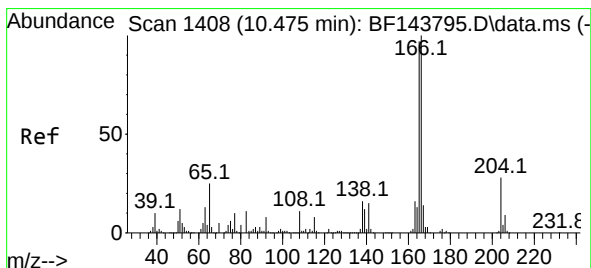
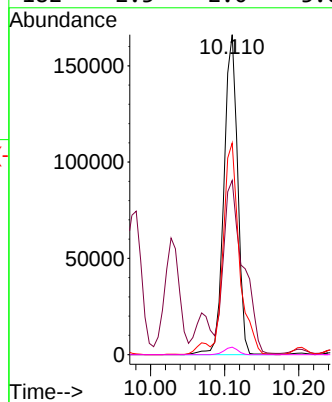
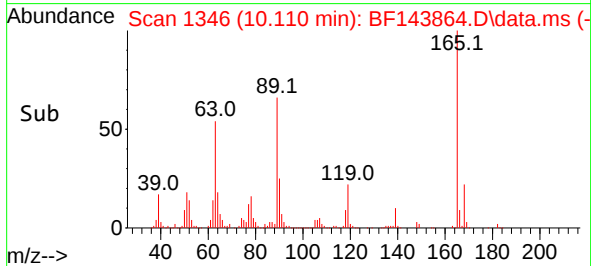


#57
2,4-Dinitrotoluene
Concen: 58.468 ng
RT: 10.110 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

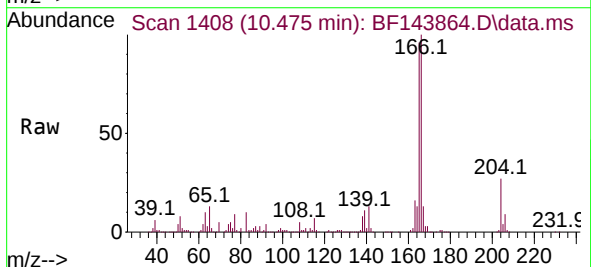
Instrument :
BNA_F
ClientSampleId :



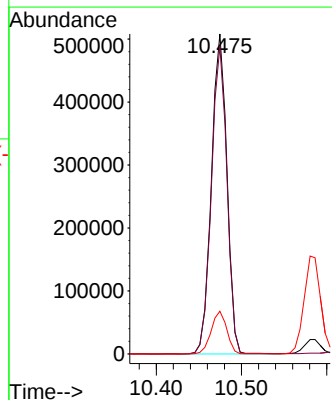
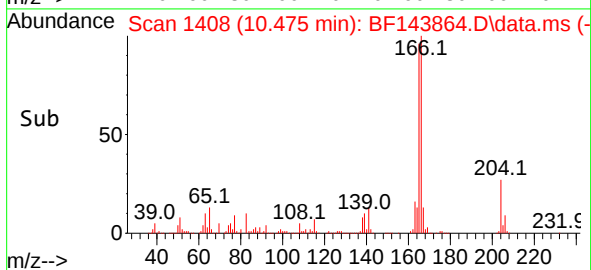
Tgt Ion:165 Resp: 212438
Ion Ratio Lower Upper
165 100
63 54.4 48.9 73.3
89 66.1 57.5 86.3
182 2.3 2.0 3.0

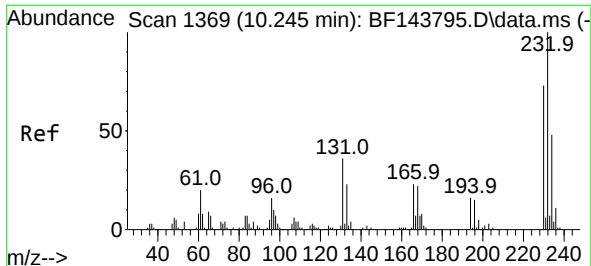


#58
Fluorene
Concen: 47.871 ng
RT: 10.475 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



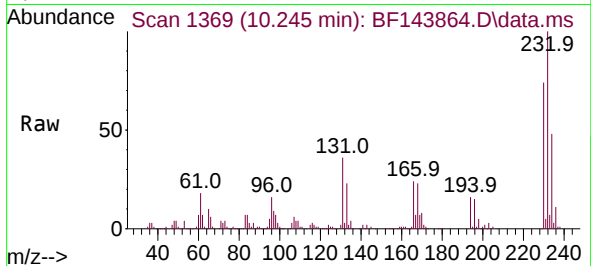
Tgt Ion:166 Resp: 641919
Ion Ratio Lower Upper
166 100
165 96.1 78.0 117.0
167 13.3 10.9 16.3



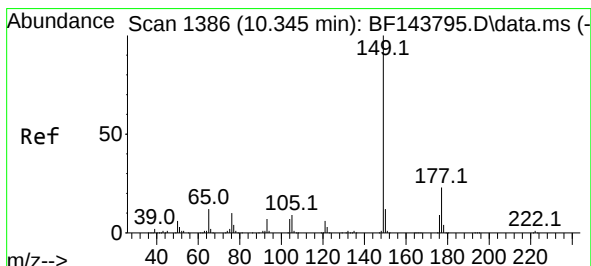
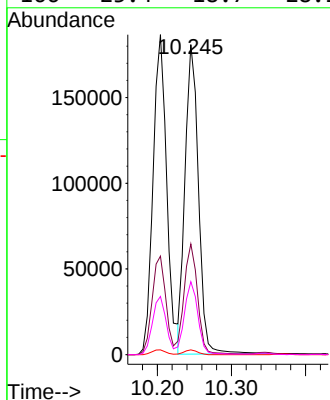
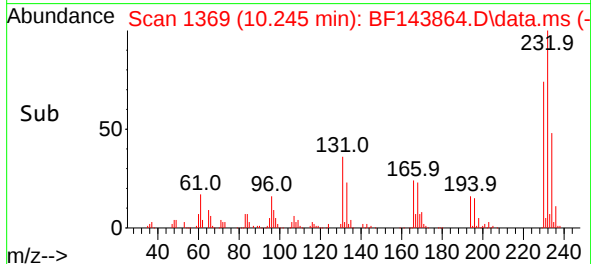


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.559 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

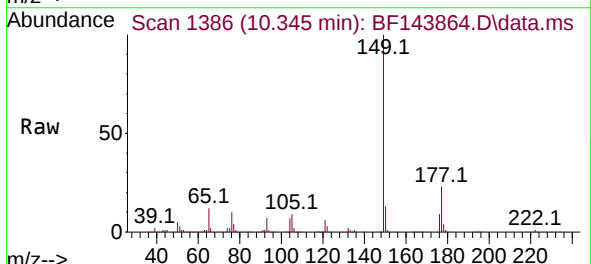
Instrument :
BNA_F
ClientSampleId :



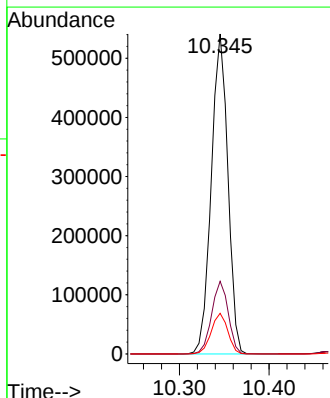
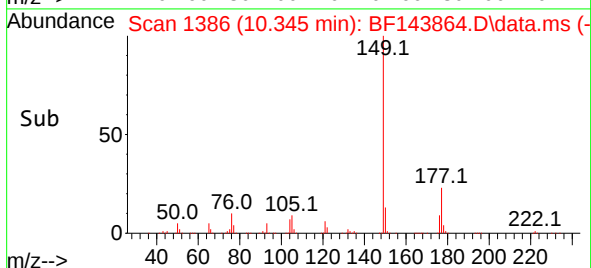
Tgt Ion:232 Resp: 227326
Ion Ratio Lower Upper
232 100
131 36.3 29.4 44.2
130 1.5 1.3 1.9
166 23.4 18.7 28.1

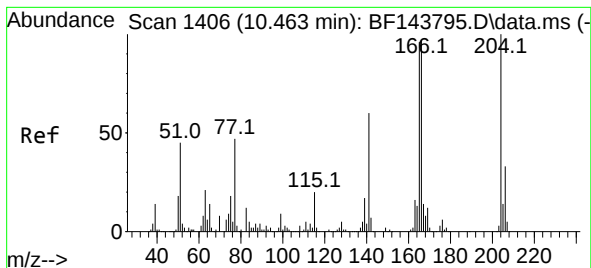


#60
Diethylphthalate
Concen: 50.698 ng
RT: 10.345 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



Tgt Ion:149 Resp: 698970
Ion Ratio Lower Upper
149 100
177 22.7 18.1 27.1
150 12.7 9.7 14.5

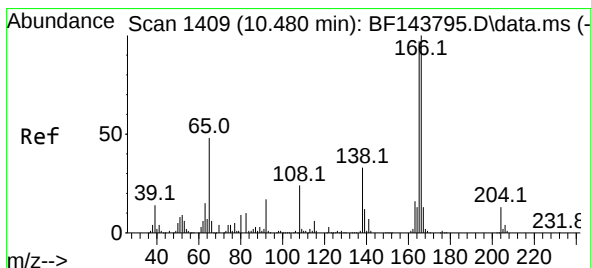
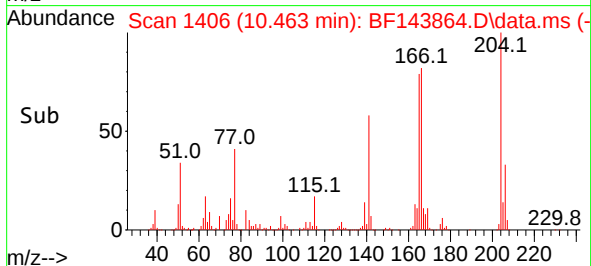
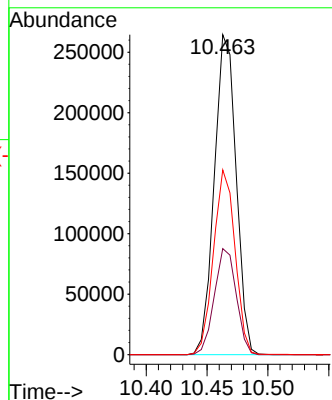
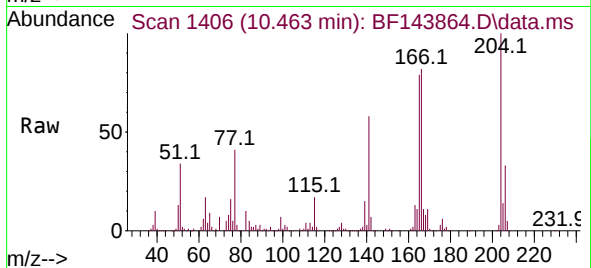




#61
4-Chlorophenyl-phenylether
Concen: 48.317 ng
RT: 10.463 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

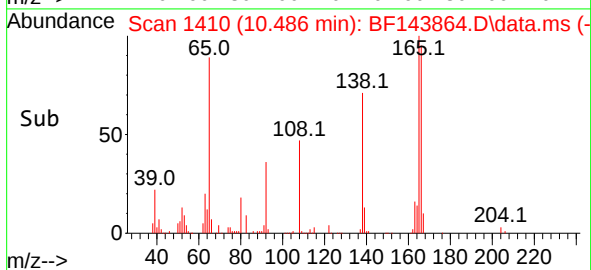
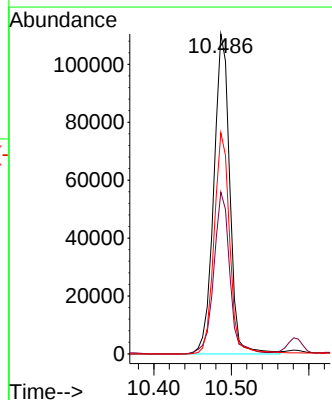
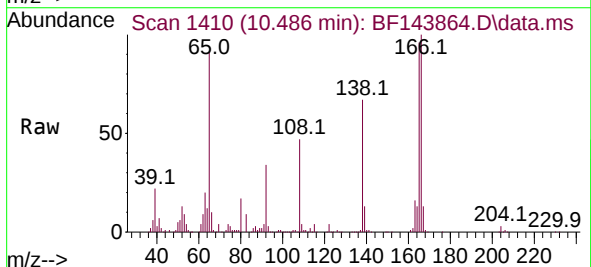
Instrument :
BNA_F
ClientSampleId :

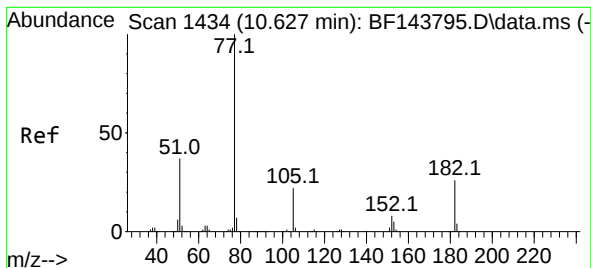
Tgt Ion:204 Resp: 330127
Ion Ratio Lower Upper
204 100
206 33.1 26.7 40.1
141 57.7 48.2 72.2



#62
4-Nitroaniline
Concen: 57.481 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:138 Resp: 158530
Ion Ratio Lower Upper
138 100
92 50.6 31.5 71.5
108 69.1 51.9 91.9





#63

Azobenzene

Concen: 50.750 ng

RT: 10.628 min Scan# 14

Delta R.T. 0.000 min

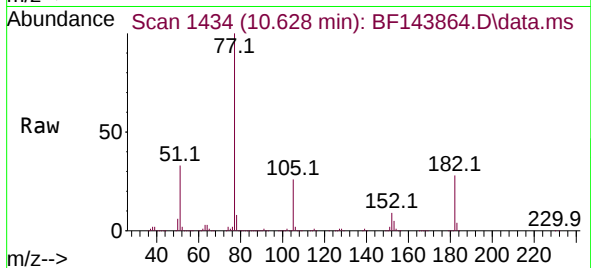
Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 737403

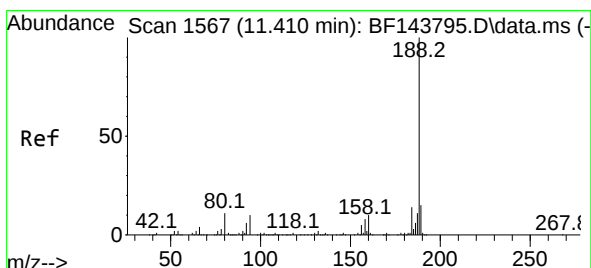
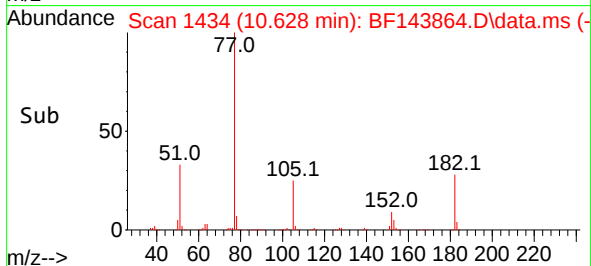
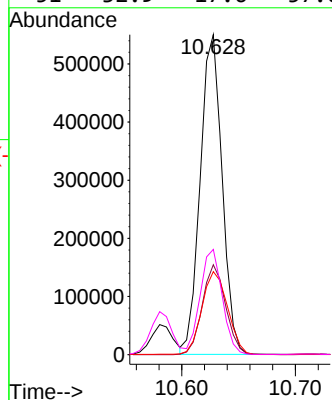
Ion Ratio Lower Upper

77 100

182 28.1 5.9 45.9

105 26.0 2.3 42.3

51 32.9 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: BF143864.D

Acq: 02 Oct 2025 19:38

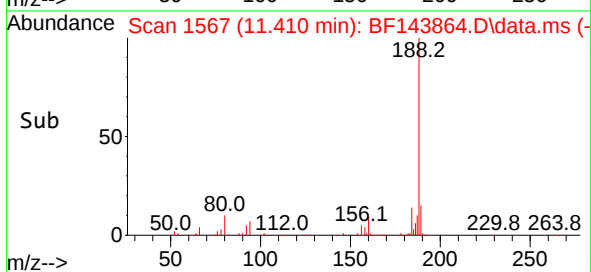
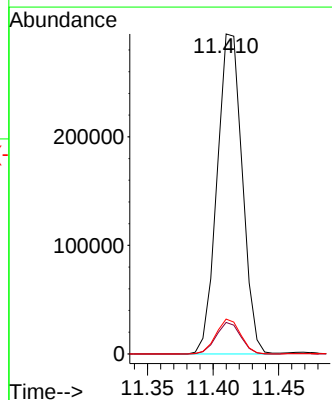
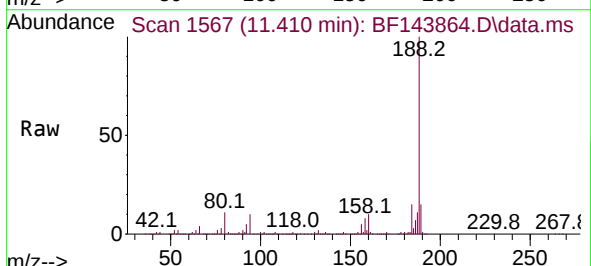
Tgt Ion: 188 Resp: 394825

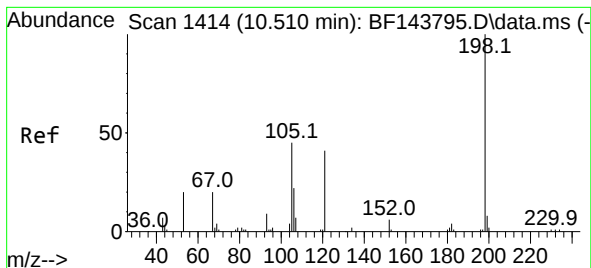
Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.9 8.6 12.8

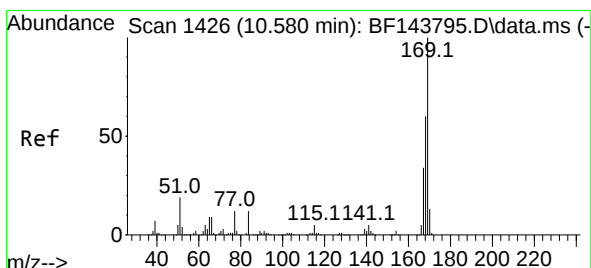
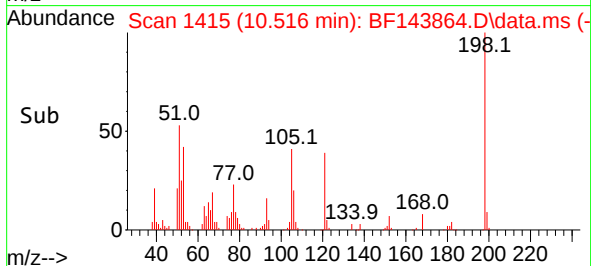
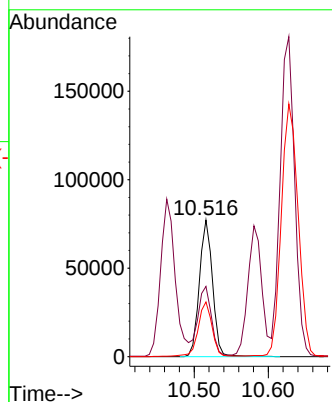
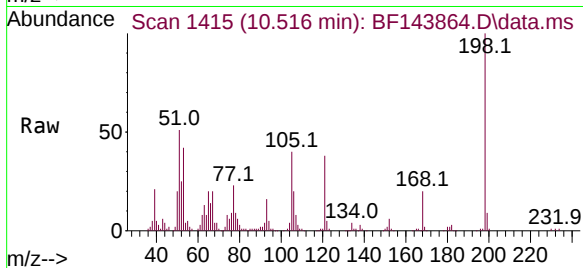




#65
4,6-Dinitro-2-methylphenol
Concen: 61.024 ng
RT: 10.516 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

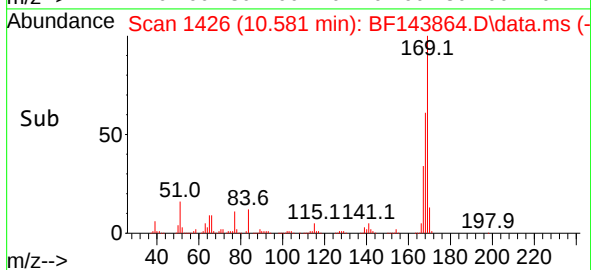
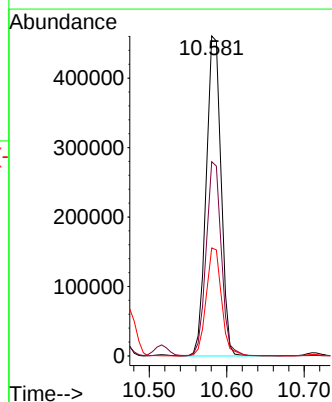
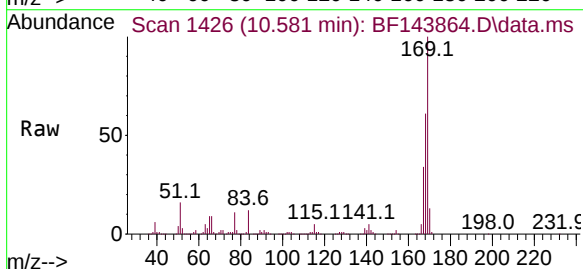
Instrument :
BNA_F
ClientSampleId :

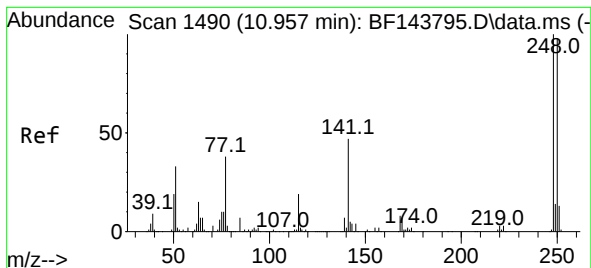
Tgt Ion:198 Resp: 95114
Ion Ratio Lower Upper
198 100
51 51.4 52.0 92.0#
105 40.1 27.5 67.5



#66
n-Nitrosodiphenylamine
Concen: 47.258 ng
RT: 10.581 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:169 Resp: 613626
Ion Ratio Lower Upper
169 100
168 60.7 47.9 71.9
167 33.7 27.0 40.6

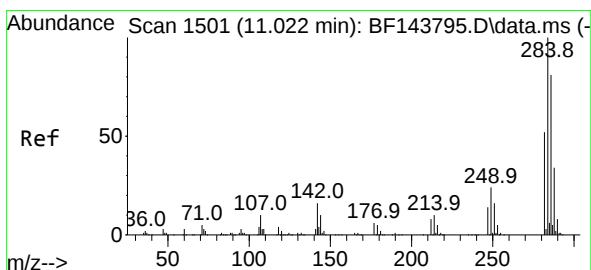
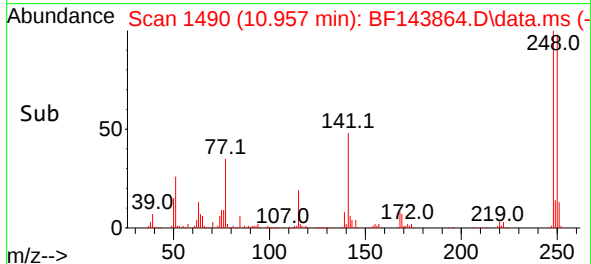
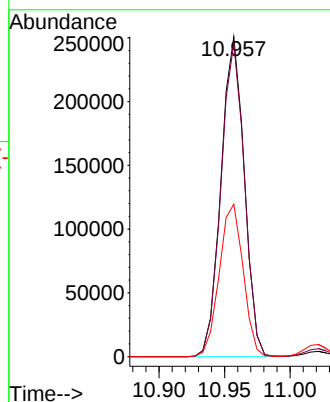
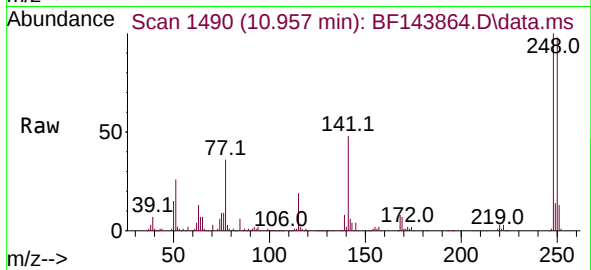




#67
4-Bromophenyl-phenylether
Concen: 46.102 ng
RT: 10.957 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

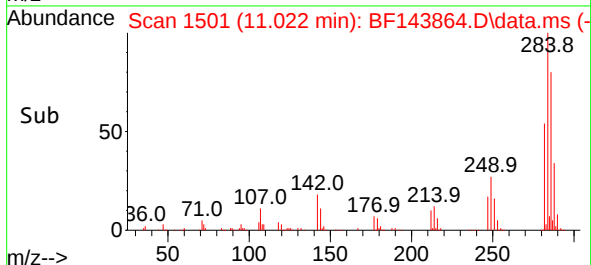
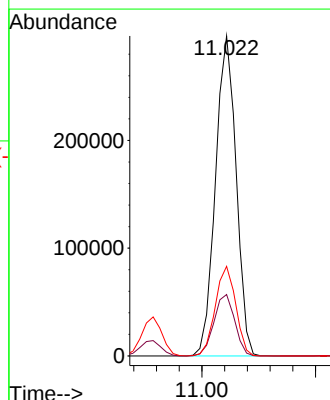
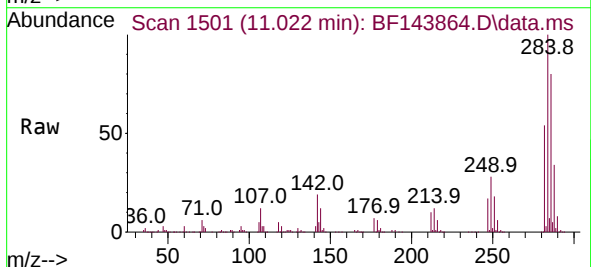
Instrument :
BNA_F
ClientSampleId :

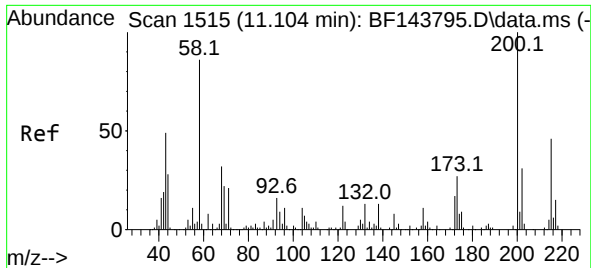
Tgt Ion:248 Resp: 310198
Ion Ratio Lower Upper
248 100
250 97.9 78.7 118.1
141 47.6 37.9 56.9



#68
Hexachlorobenzene
Concen: 40.413 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

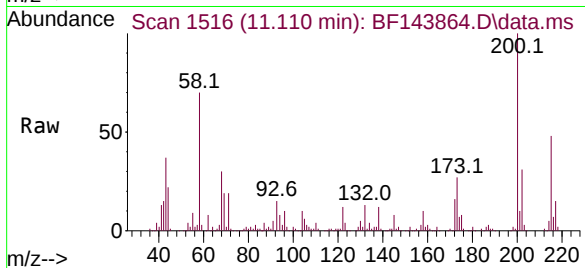
Tgt Ion:284 Resp: 374735
Ion Ratio Lower Upper
284 100
142 19.2 13.1 19.7
249 28.0 19.5 29.3



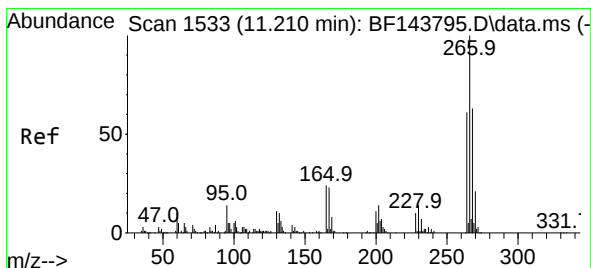
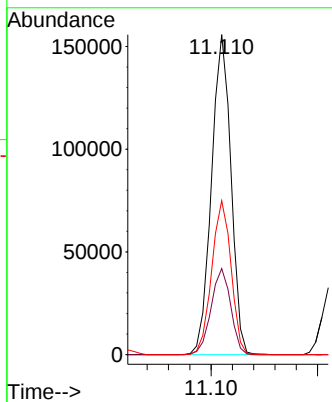
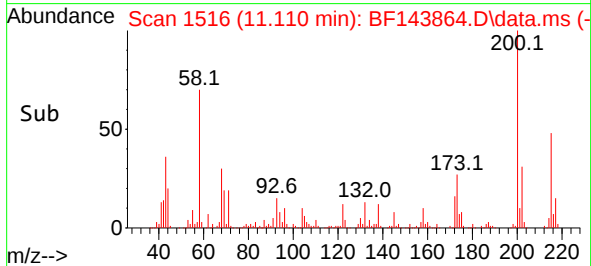


#69
Atrazine
Concen: 52.574 ng
RT: 11.110 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

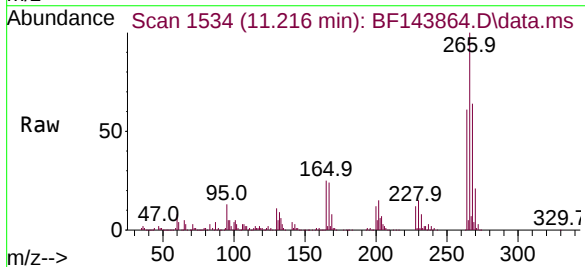
Instrument :
BNA_F
ClientSampleId :



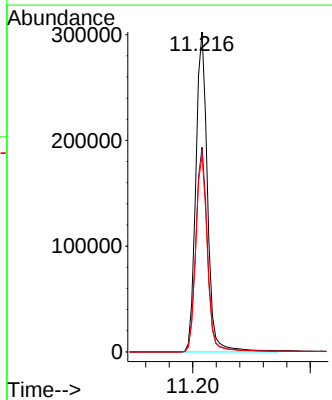
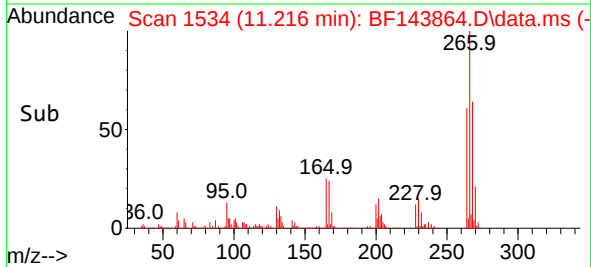
Tgt Ion:200 Resp: 197683
Ion Ratio Lower Upper
200 100
173 26.9 7.2 47.2
215 48.1 26.0 66.0

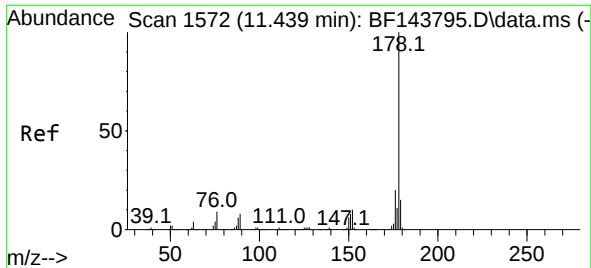


#70
Pentachlorophenol
Concen: 90.225 ng
RT: 11.216 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



Tgt Ion:266 Resp: 416446
Ion Ratio Lower Upper
266 100
268 64.0 50.5 75.7
264 61.4 48.8 73.2

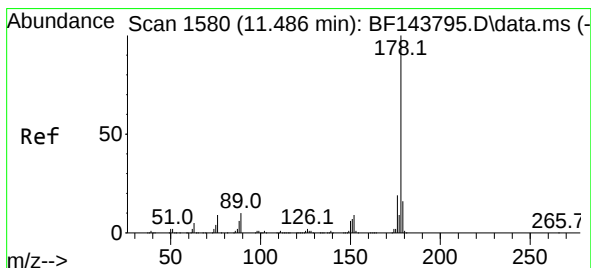
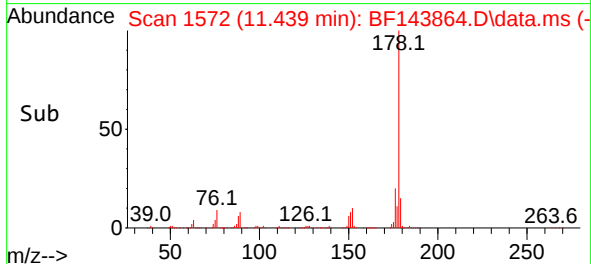
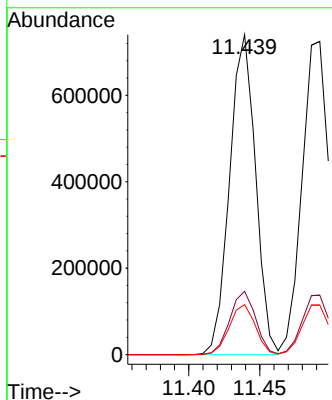
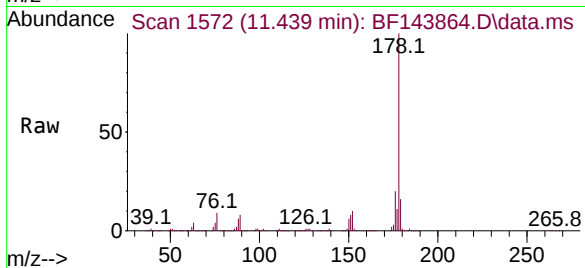




#71
Phenanthrene
Concen: 46.421 ng
RT: 11.439 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

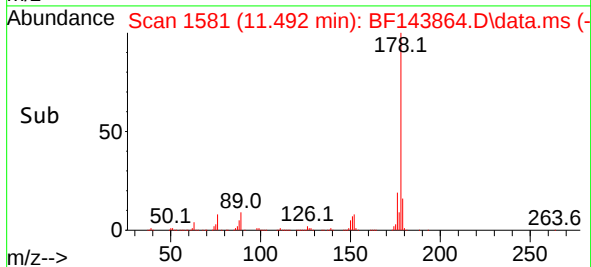
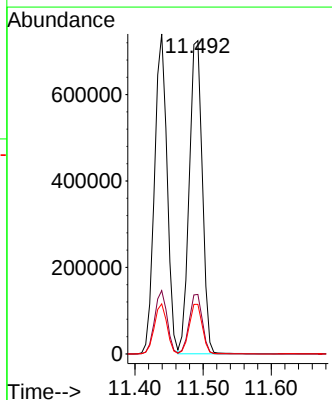
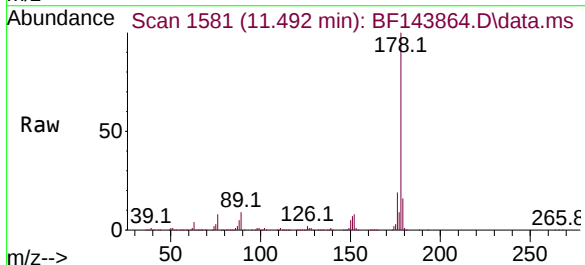
Instrument :
BNA_F
ClientSampleId :

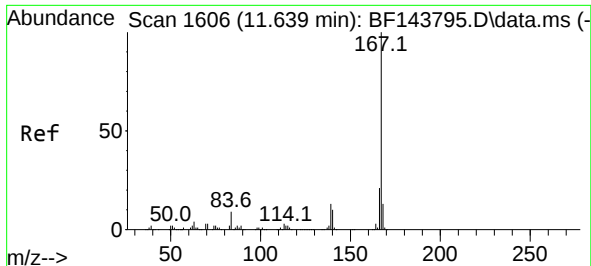
Tgt Ion:178 Resp: 940959
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.2 18.4



#72
Anthracene
Concen: 47.523 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

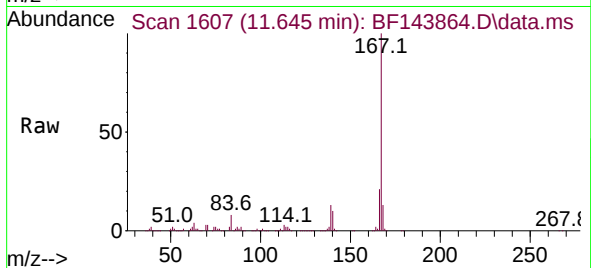
Tgt Ion:178 Resp: 966261
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.8 12.8 19.2



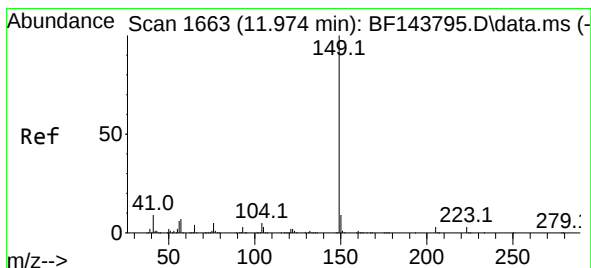
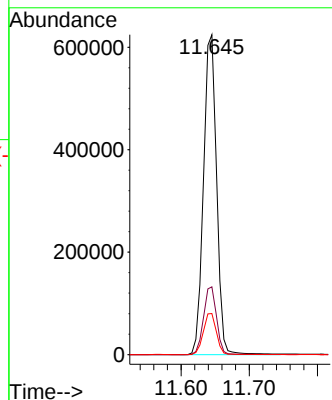
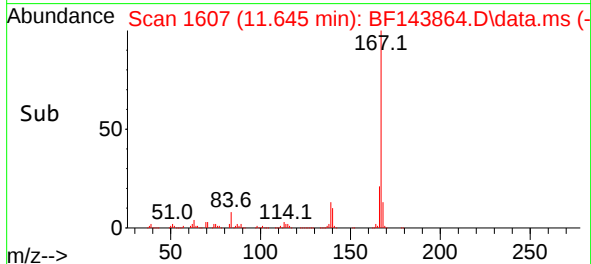


#73
Carbazole
Concen: 47.030 ng
RT: 11.645 min Scan# 1606
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

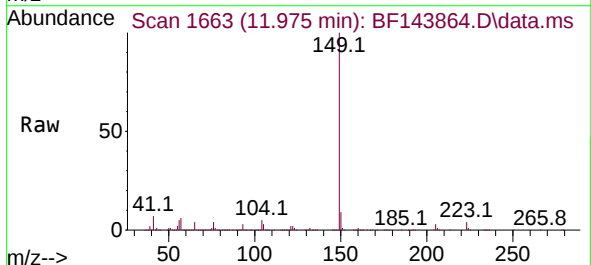
Instrument :
BNA_F
ClientSampleId :



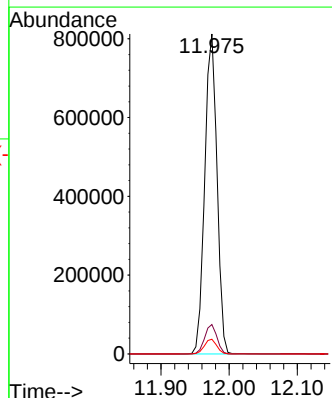
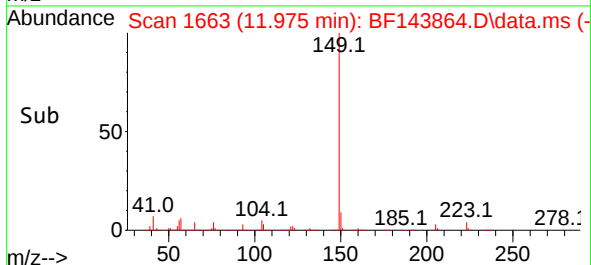
Tgt Ion:167 Resp: 836065
Ion Ratio Lower Upper
167 100
166 21.2 17.0 25.4
139 12.8 10.6 15.8

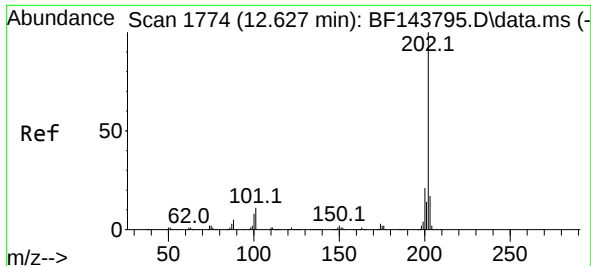


#74
Di-n-butylphthalate
Concen: 49.620 ng
RT: 11.975 min Scan# 1663
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



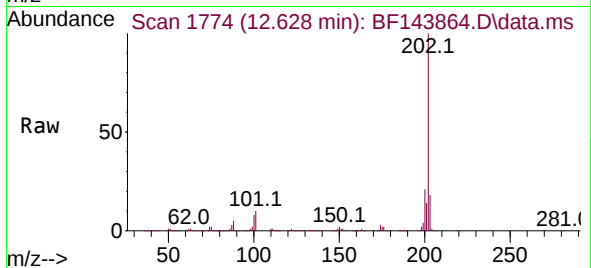
Tgt Ion:149 Resp: 1014489
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 4.6 3.6 5.4



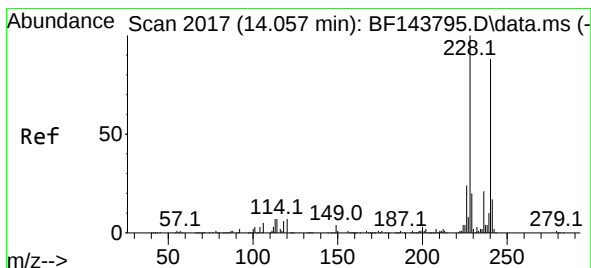
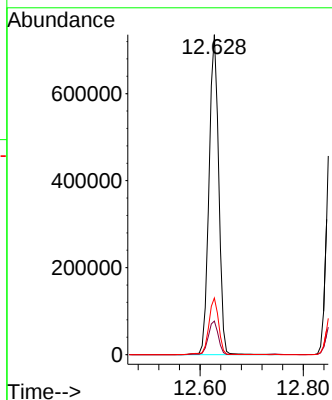
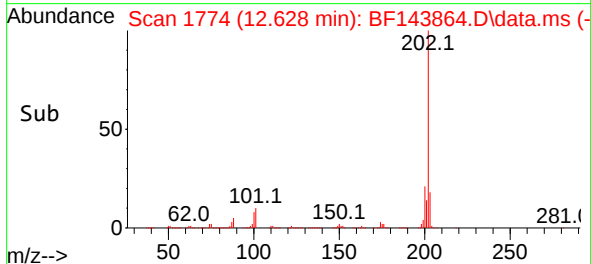


#75
Fluoranthene
Concen: 46.667 ng
RT: 12.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

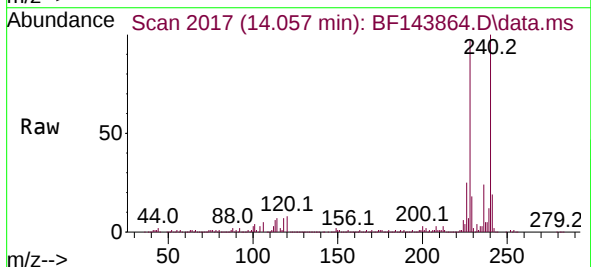
Instrument :
BNA_F
ClientSampleId :



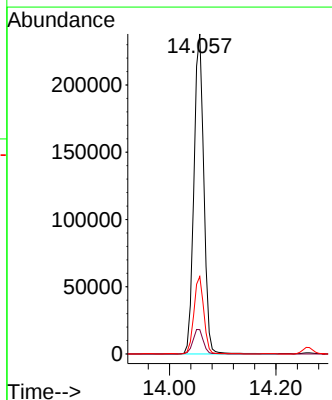
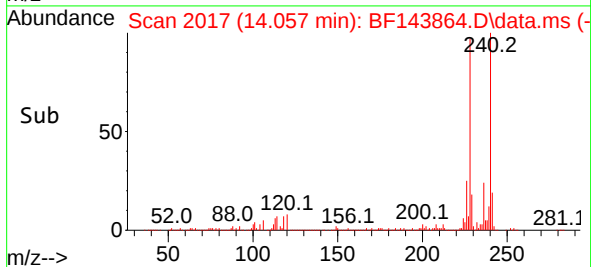
Tgt Ion:202 Resp: 951417
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.1
203 17.7 0.0 37.4

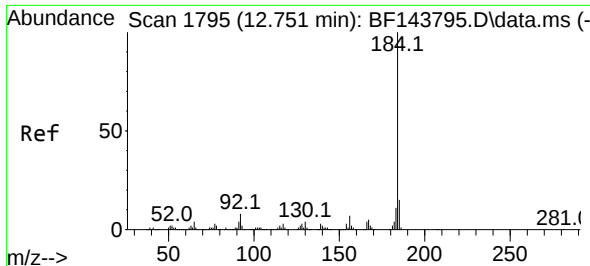


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38



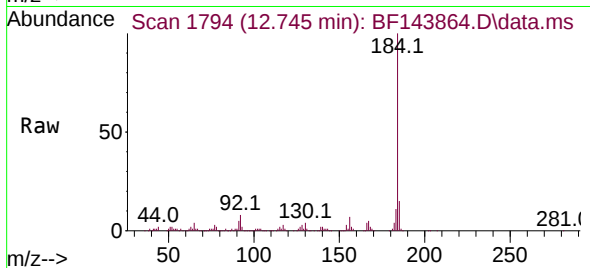
Tgt Ion:240 Resp: 306082
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.4
236 24.2 19.4 29.2



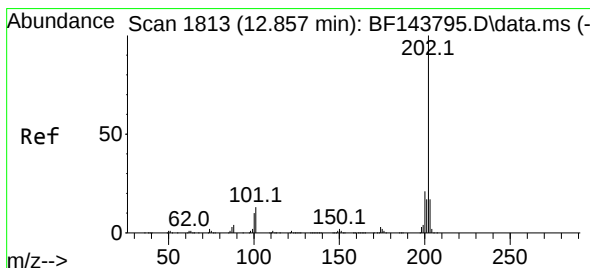
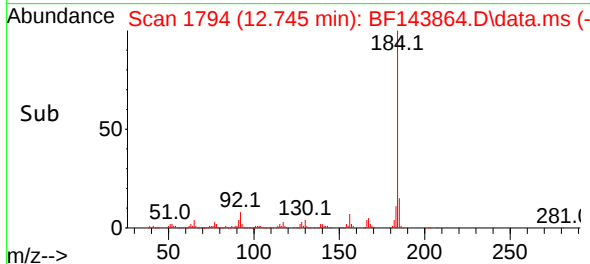
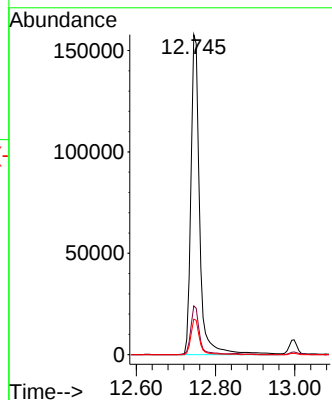


#77
Benzidine
Concen: 32.360 ng
RT: 12.745 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

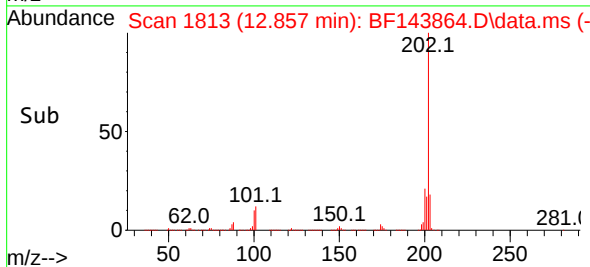
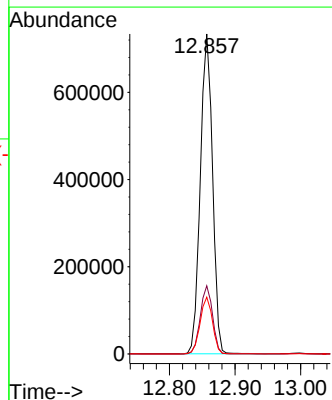
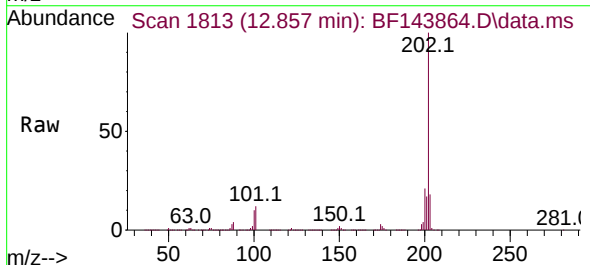


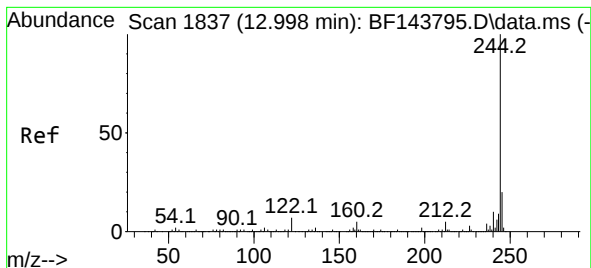
Tgt Ion:184 Resp: 241360
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 11.1 8.6 13.0



#78
Pyrene
Concen: 62.677 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Tgt Ion:202 Resp: 943184
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.7 13.9 20.9





#79

Terphenyl-d14

Concen: 69.507 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

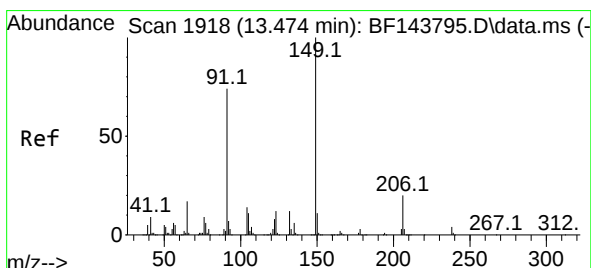
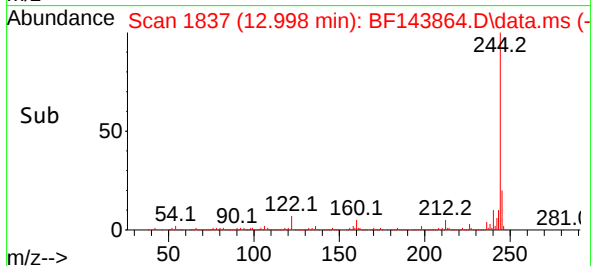
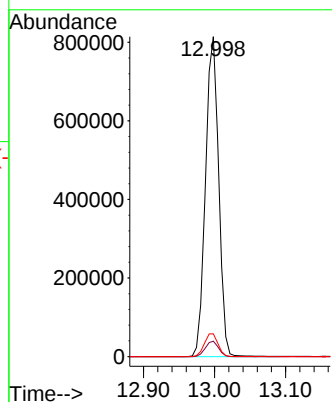
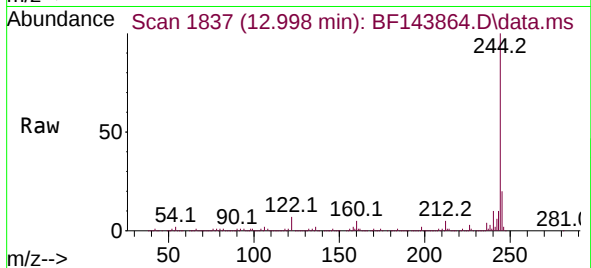
Tgt Ion:244 Resp: 1046086

Ion Ratio Lower Upper

244 100

212 4.8 3.9 5.9

122 7.1 5.6 8.4



#80

Butylbenzylphthalate

Concen: 64.200 ng

RT: 13.475 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

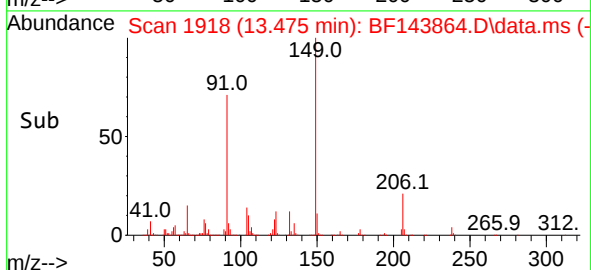
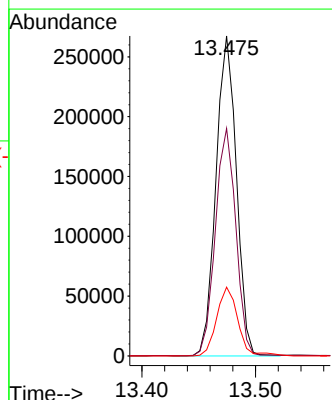
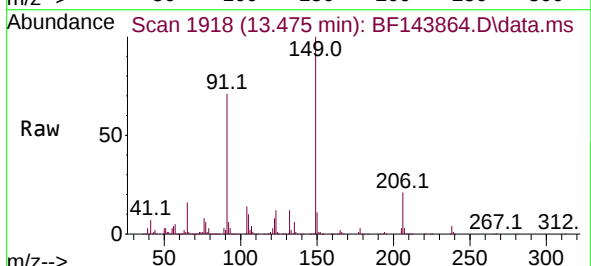
Tgt Ion:149 Resp: 334241

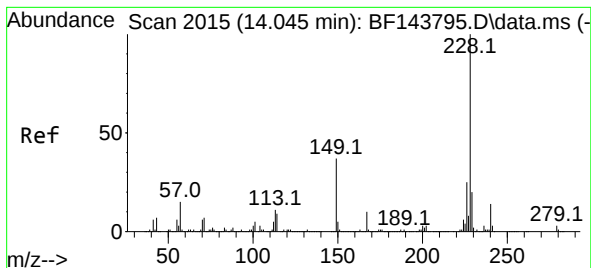
Ion Ratio Lower Upper

149 100

91 71.1 59.5 89.3

206 21.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 50.101 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

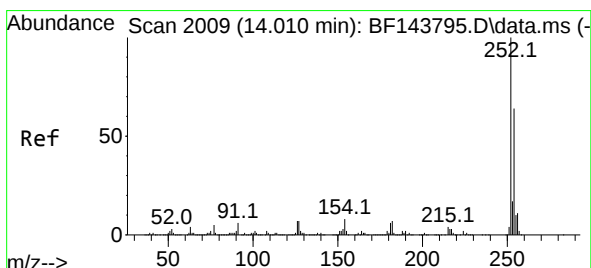
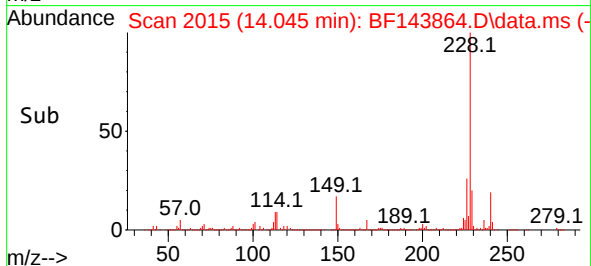
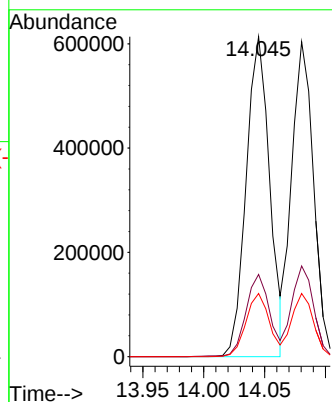
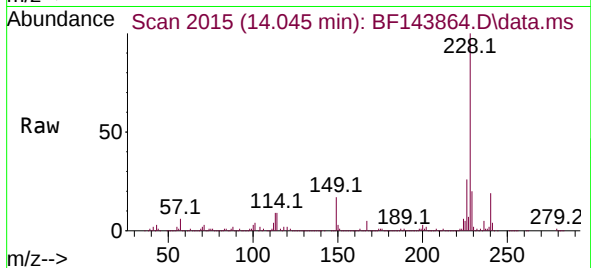
Tgt Ion:228 Resp: 823820

Ion Ratio Lower Upper

228 100

226 25.7 20.2 30.2

229 19.7 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 22.410 ng

RT: 14.004 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

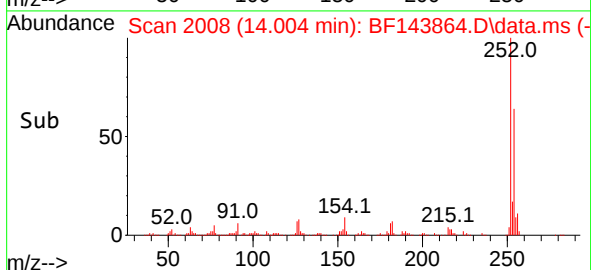
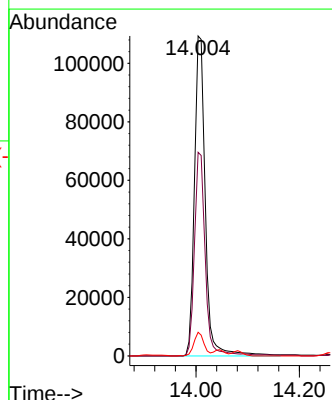
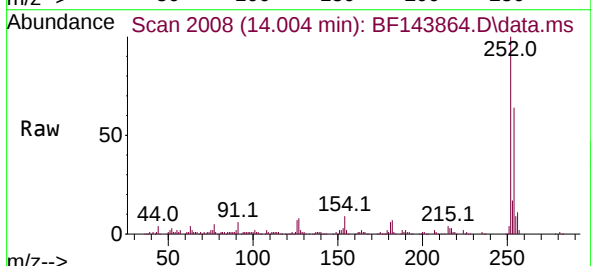
Tgt Ion:252 Resp: 159637

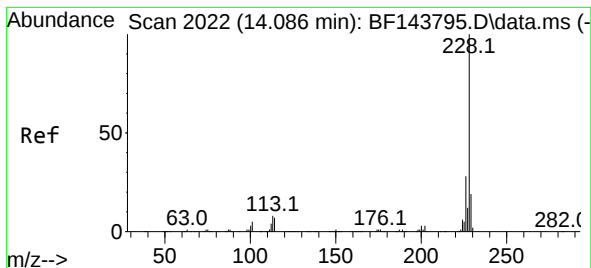
Ion Ratio Lower Upper

252 100

254 63.6 51.5 77.3

126 7.4 5.4 8.2





#83

Chrysene

Concen: 51.090 ng

RT: 14.080 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

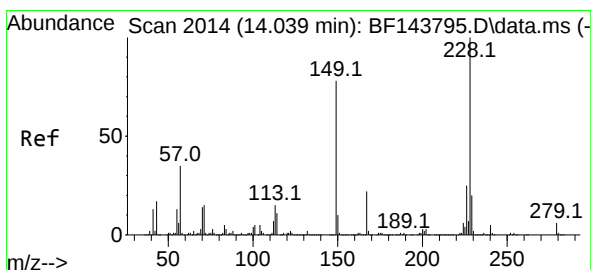
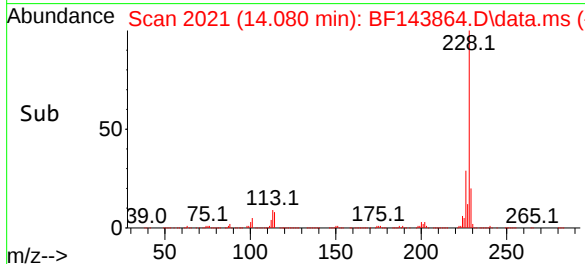
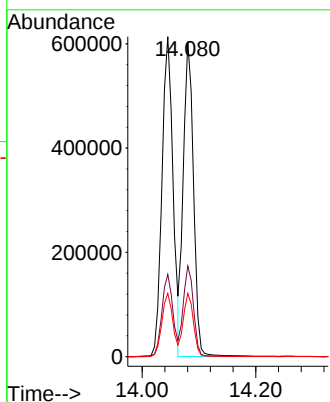
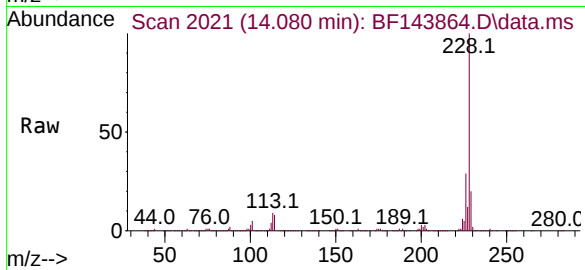
Tgt Ion:228 Resp: 760164

Ion Ratio Lower Upper

228 100

226 28.8 22.6 33.8

229 20.1 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.547 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

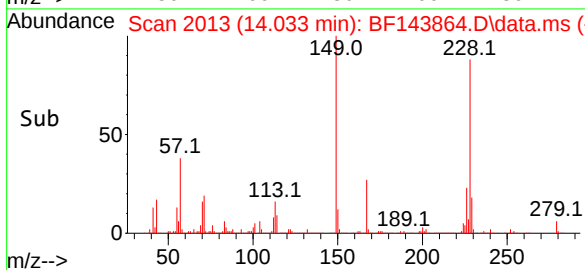
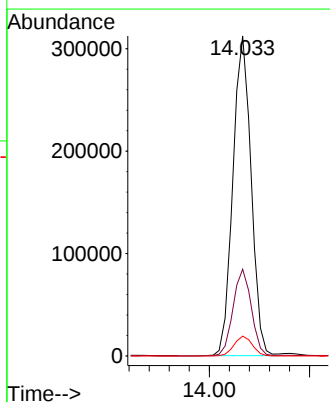
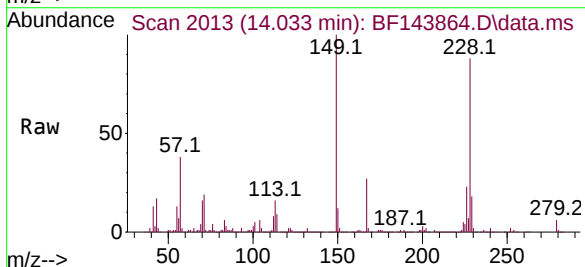
Tgt Ion:149 Resp: 393368

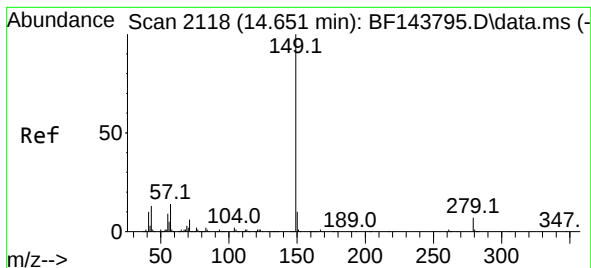
Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

279 6.2 6.0 9.0





#85

Di-n-octyl phthalate

Concen: 48.645 ng

RT: 14.645 min Scan# 2118

Delta R.T. -0.012 min

Lab File: BF143864.D

Acq: 02 Oct 2025 19:38

Instrument :

BNA_F

ClientSampleId :

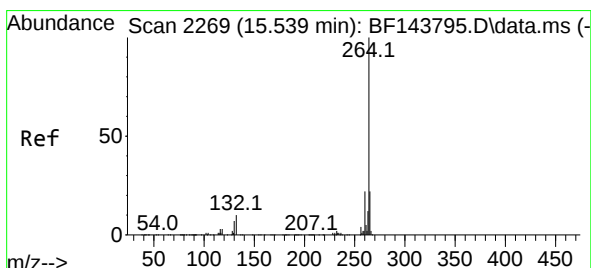
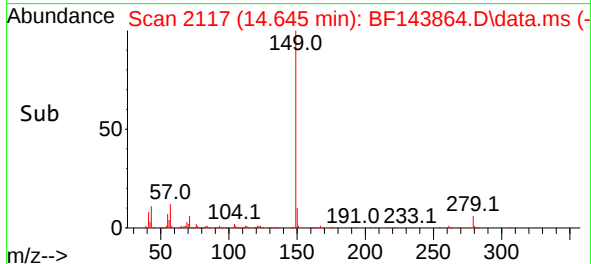
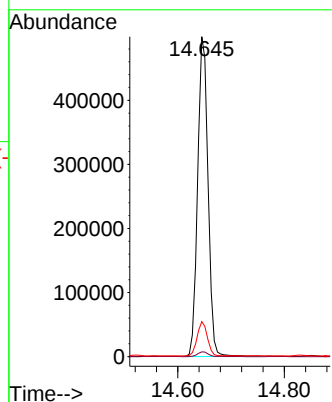
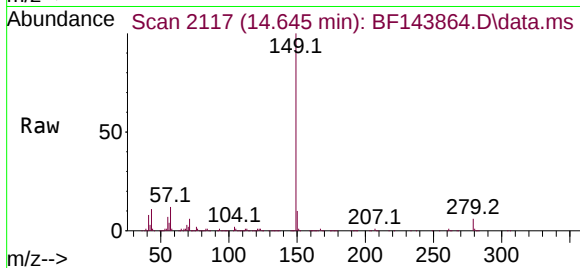
Tgt Ion:149 Resp: 673377

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.5 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: BF143864.D

Acq: 02 Oct 2025 19:38

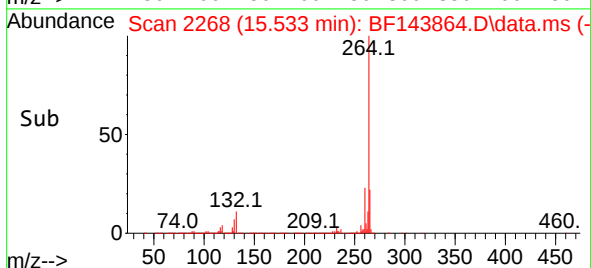
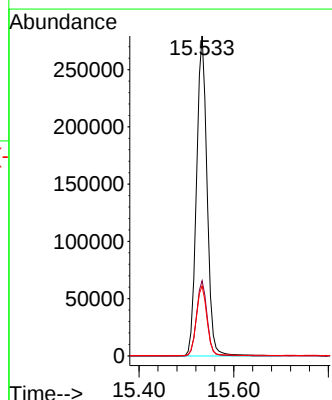
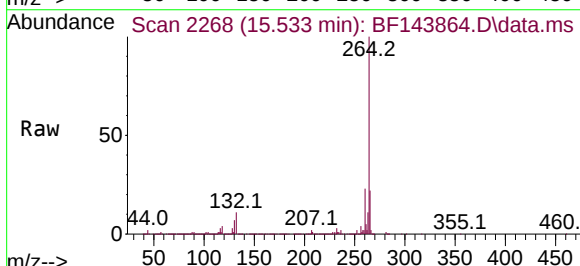
Tgt Ion:264 Resp: 431989

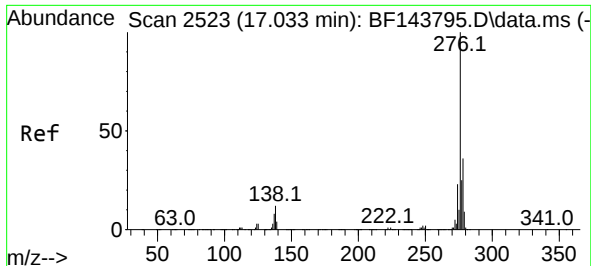
Ion Ratio Lower Upper

264 100

260 23.5 17.9 26.9

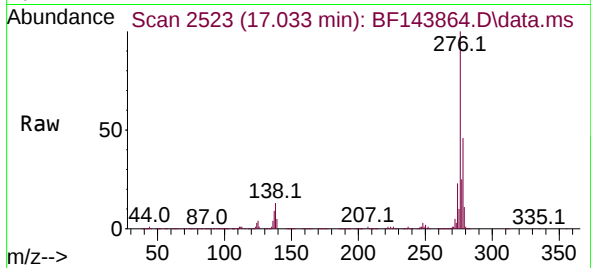
265 21.8 17.7 26.5



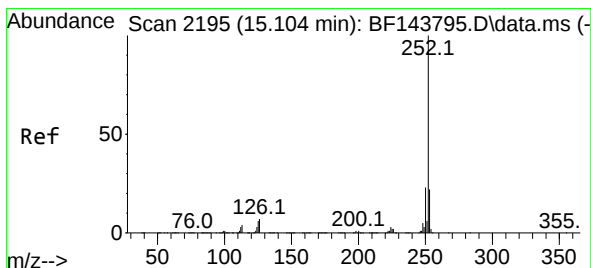
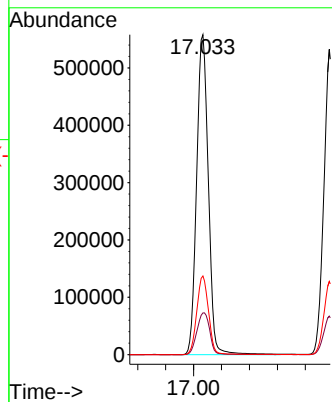
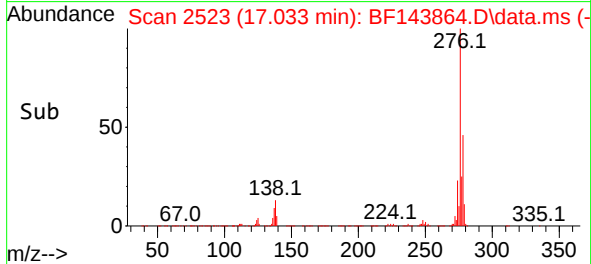


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.351 ng
 RT: 17.033 min Scan# 211
 Delta R.T. -0.012 min
 Lab File: BF143864.D
 Acq: 02 Oct 2025 19:38

Instrument :
 BNA_F
 ClientSampleId :

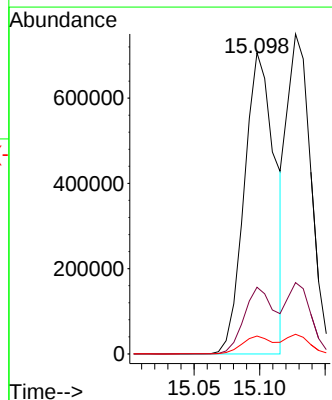
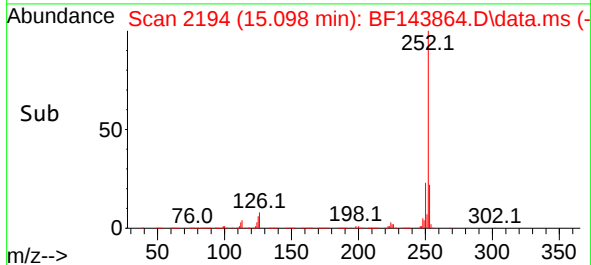
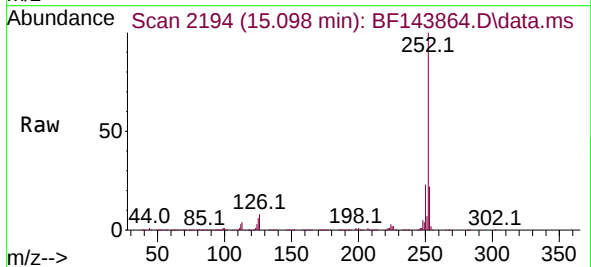


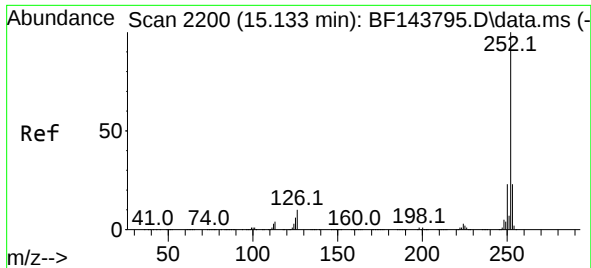
Tgt Ion:276 Resp: 1617559
 Ion Ratio Lower Upper
 276 100
 138 14.4 10.6 15.8
 277 24.7 20.7 31.1



#88
 Benzo(b)fluoranthene
 Concen: 52.411 ng
 RT: 15.098 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF143864.D
 Acq: 02 Oct 2025 19:38

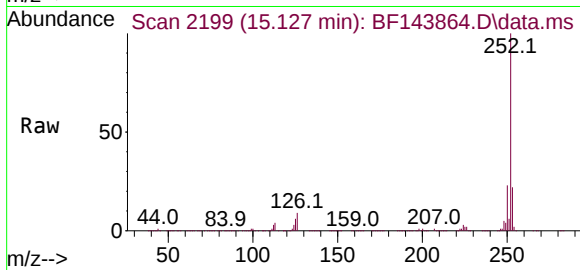
Tgt Ion:252 Resp: 1152982
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 5.9 4.4 6.6



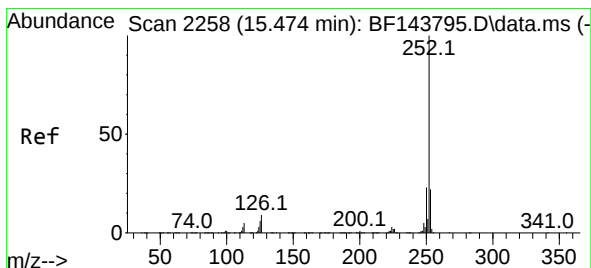
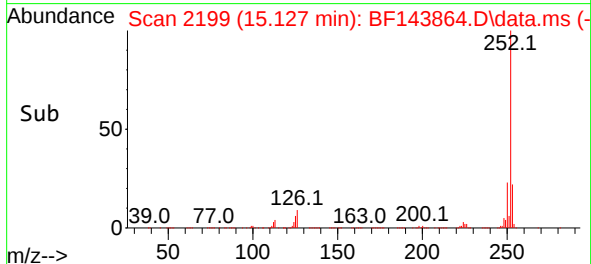
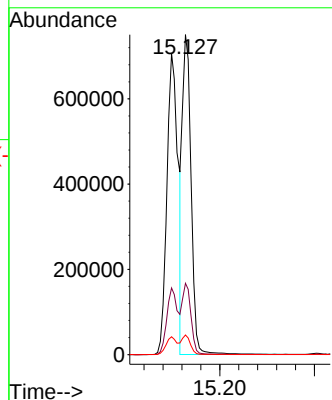


#89
Benzo(k)fluoranthene
Concen: 43.764 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

Instrument :
BNA_F
ClientSampleId :

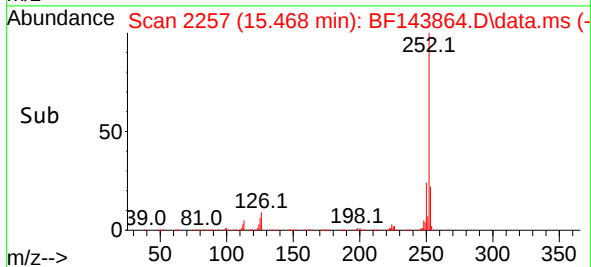
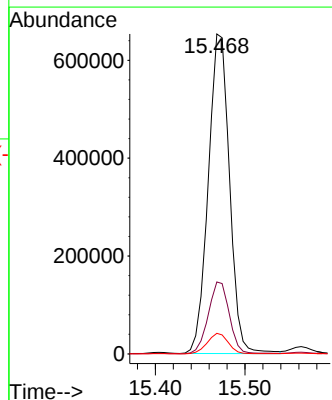
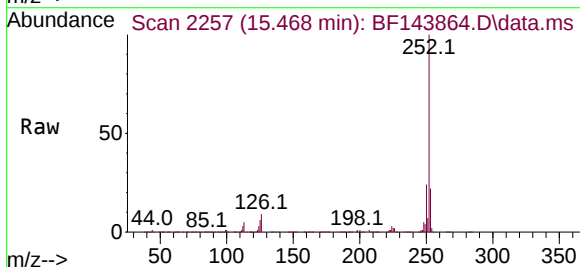


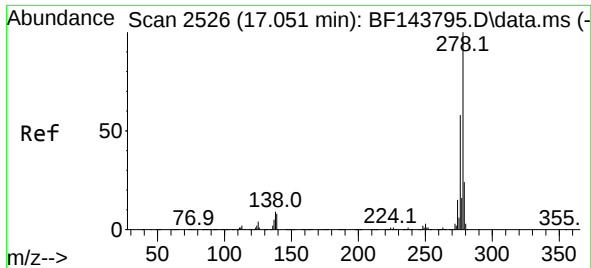
Tgt Ion:252 Resp: 967267
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 6.1 4.6 6.8



#90
Benzo(a)pyrene
Concen: 51.994 ng
RT: 15.468 min Scan# 2257
Delta R.T. -0.012 min
Lab File: BF143864.D
Acq: 02 Oct 2025 19:38

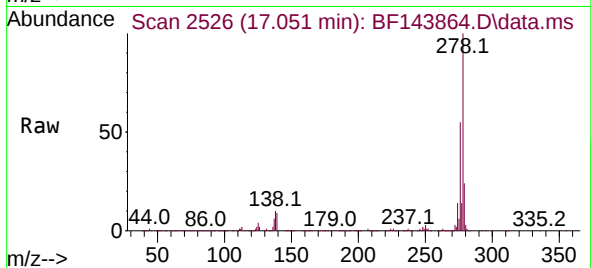
Tgt Ion:252 Resp: 1075170
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 6.4 5.0 7.4



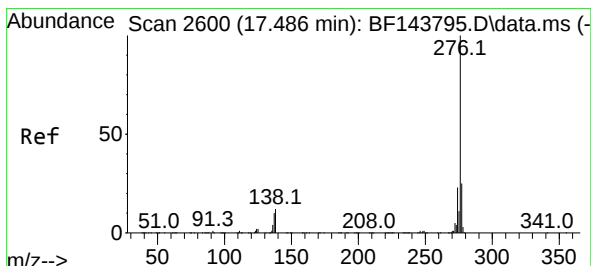
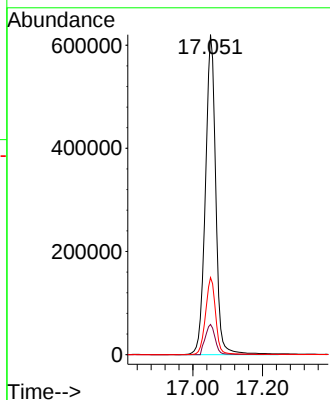
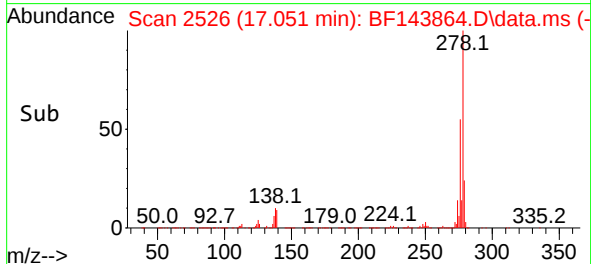


#91
 Dibenzo(a,h)anthracene
 Concen: 47.754 ng
 RT: 17.051 min Scan# 21
 Delta R.T. -0.017 min
 Lab File: BF143864.D
 Acq: 02 Oct 2025 19:38

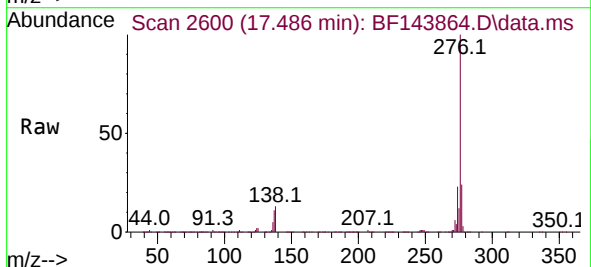
Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:278 Resp: 1280220
 Ion Ratio Lower Upper
 278 100
 139 9.4 6.7 10.1
 279 24.1 19.3 28.9



#92
 Benzo(g,h,i)perylene
 Concen: 51.078 ng
 RT: 17.486 min Scan# 2600
 Delta R.T. -0.017 min
 Lab File: BF143864.D
 Acq: 02 Oct 2025 19:38



Tgt Ion:276 Resp: 1319988
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.6 29.4
 138 12.6 9.2 13.8

