

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142255.D
 Acq On : 01 May 2025 12:39
 Operator : RC/JU
 Sample : PB167810BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BS

Quant Time: May 01 13:05:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	228833	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	892782	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	472284	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	804874	20.000	ng	0.00
76) Chrysene-d12	14.074	240	464382	20.000	ng	0.00
86) Perylene-d12	15.568	264	446826	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1593182	111.191	ng	0.02
7) Phenol-d6	6.528	99	1946714	112.510	ng	0.00
23) Nitrobenzene-d5	7.469	82	1119930	82.412	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	568456	132.029	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2294519	68.501	ng	0.00
79) Terphenyl-d14	13.021	244	2366082	74.104	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.798	88	217494	33.987	ng	98
3) Pyridine	3.551	79	618200	37.171	ng	100
4) n-Nitrosodimethylamine	3.504	42	358234	41.623	ng	99
6) Aniline	6.569	93	471322	19.245	ng	100
8) 2-Chlorophenol	6.692	128	631635	42.661	ng	99
9) Benzaldehyde	6.457	77	305773	25.285	ng	98
10) Phenol	6.545	94	778120	41.773	ng	100
11) bis(2-Chloroethyl)ether	6.639	93	588988	40.804	ng	99
12) 1,3-Dichlorobenzene	6.851	146	659968	39.402	ng	98
13) 1,4-Dichlorobenzene	6.928	146	667827	39.574	ng	99
14) 1,2-Dichlorobenzene	7.075	146	650967	40.407	ng	99
15) Benzyl Alcohol	7.045	79	515024	41.969	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	1072194	41.135	ng	100
17) 2-Methylphenol	7.151	107	497856	41.046	ng	99
18) Hexachloroethane	7.422	117	231050	41.832	ng	97
19) n-Nitroso-di-n-propyla...	7.322	70	427592	39.992	ng	99
20) 3+4-Methylphenols	7.304	107	618253	40.760	ng	92
22) Acetophenone	7.316	105	826671	40.025	ng	99
24) Nitrobenzene	7.492	77	610784	45.807	ng	99
25) Isophorone	7.728	82	1177064	41.271	ng	99
26) 2-Nitrophenol	7.804	139	256947	46.237	ng	99
27) 2,4-Dimethylphenol	7.839	122	602302	41.886	ng	100
28) bis(2-Chloroethoxy)met...	7.939	93	734241	40.821	ng	99
29) 2,4-Dichlorophenol	8.039	162	518664	43.143	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	544203	40.565	ng	99
31) Naphthalene	8.216	128	1769061	39.733	ng	100
32) Benzoic acid	7.945	122	286918	43.299	ng	96
33) 4-Chloroaniline	8.251	127	82158	4.431	ng	99
34) Hexachlorobutadiene	8.328	225	324756	41.492	ng	99
35) Caprolactam	8.622	113	85186	23.574	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	523494	42.406	ng	99
37) 2-Methylnaphthalene	8.904	142	1090096	39.822	ng	99
38) 1-Methylnaphthalene	9.004	142	1143793	40.333	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	524634	39.471	ng	99
41) Hexachlorocyclopentadiene	9.057	237	668416	88.607	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	357651	43.423	ng	99

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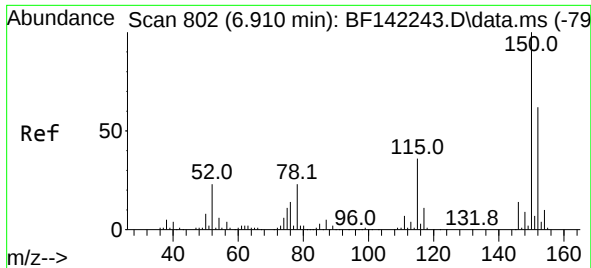
Quant Time: May 01 13:05:39 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	388570	44.872	ng	98
46) 1,1'-Biphenyl	9.369	154	1458088	39.713	ng	100
47) 2-Chloronaphthalene	9.392	162	1093139	40.017	ng	100
48) 2-Nitroaniline	9.486	65	321433	44.957	ng	99
49) Acenaphthylene	9.810	152	1847757	40.085	ng	100
50) Dimethylphthalate	9.669	163	1268421	41.981	ng	100
51) 2,6-Dinitrotoluene	9.727	165	263569	45.692	ng	98
52) Acenaphthene	9.980	154	1164359	43.261	ng	100
53) 3-Nitroaniline	9.892	138	98911	16.287	ng	95
54) 2,4-Dinitrophenol	9.998	184	196654	90.602	ng	# 18
55) Dibenzofuran	10.157	168	1606504	39.818	ng	100
56) 4-Nitrophenol	10.045	139	484293	101.975	ng	98
57) 2,4-Dinitrotoluene	10.133	165	350987	49.818	ng	98
58) Fluorene	10.498	166	1221943	39.832	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	330098	46.019	ng	99
60) Diethylphthalate	10.369	149	1267747	42.490	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	585254	40.172	ng	99
62) 4-Nitroaniline	10.510	138	286425	44.888	ng	99
63) Azobenzene	10.651	77	1208231	41.009	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	126239	47.699	ng	95
66) n-Nitrosodiphenylamine	10.610	169	1104532	40.164	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	373384	41.655	ng	98
68) Hexachlorobenzene	11.045	284	417991	41.636	ng	100
69) Atrazine	11.133	200	332195	45.827	ng	98
70) Pentachlorophenol	11.233	266	495448	93.418	ng	98
71) Phenanthrene	11.463	178	1740817	40.041	ng	100
72) Anthracene	11.510	178	1786049	40.180	ng	100
73) Carbazole	11.663	167	1677441	41.368	ng	100
74) Di-n-butylphthalate	11.998	149	1839790	45.113	ng	100
75) Fluoranthene	12.645	202	1819275	42.331	ng	99
77) Benzidine	12.763	184	347980	17.635	ng	98
78) Pyrene	12.880	202	1803569	42.103	ng	99
80) Butylbenzylphthalate	13.498	149	532587	45.667	ng	99
81) Benzo(a)anthracene	14.062	228	1330282	42.672	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	74664	8.154	ng	98
83) Chrysene	14.104	228	1152993	40.631	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	632694	39.646	ng	99
85) Di-n-octyl phthalate	14.674	149	1144596	39.690	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1374940	42.010	ng	100
88) Benzo(b)fluoranthene	15.127	252	1207610	43.510	ng	99
89) Benzo(k)fluoranthene	15.156	252	1003805	39.540	ng	99
90) Benzo(a)pyrene	15.504	252	1073003	42.227	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	1112811	41.894	ng	99
92) Benzo(g,h,i)perylene	17.539	276	1122234	42.026	ng	99

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

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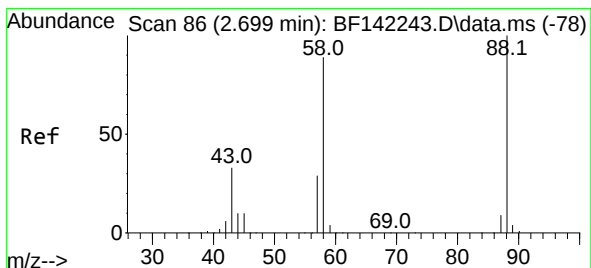
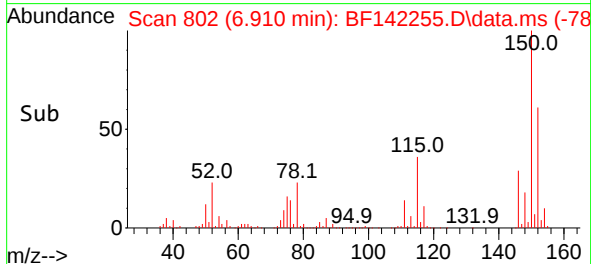
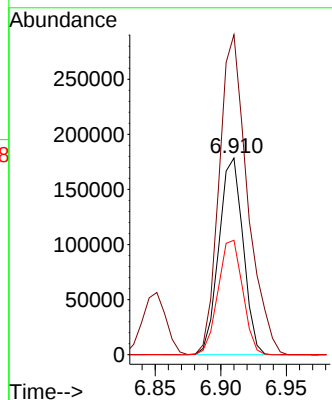
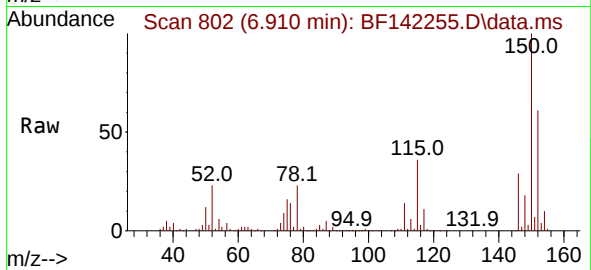




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF142255.D
 Acq: 01 May 2025 12:39

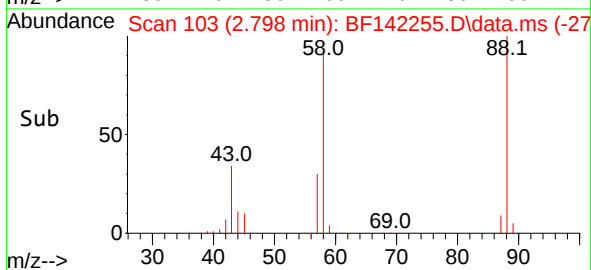
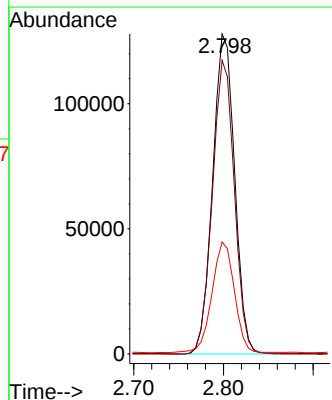
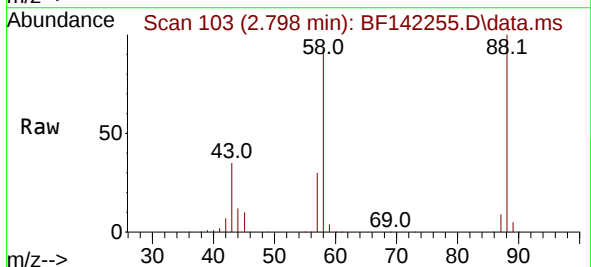
Instrument :
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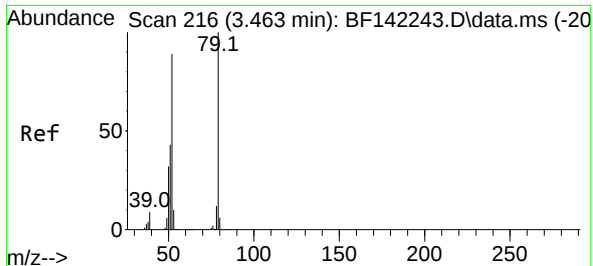
Tgt Ion:152 Resp: 228833
 Ion Ratio Lower Upper
 152 100
 150 162.7 130.2 195.2
 115 58.2 47.0 70.4



#2
 1,4-Dioxane
 Concen: 33.987 ng
 RT: 2.798 min Scan# 103
 Delta R.T. 0.100 min
 Lab File: BF142255.D
 Acq: 01 May 2025 12:39

Tgt Ion: 88 Resp: 217494
 Ion Ratio Lower Upper
 88 100
 58 92.0 72.2 108.2
 43 35.3 27.0 40.6

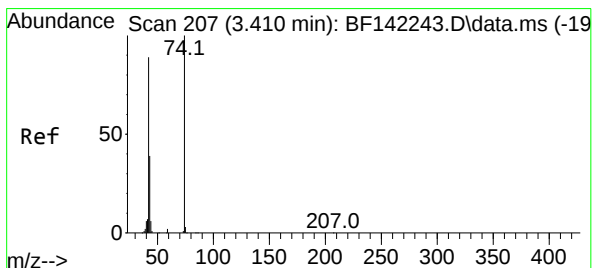
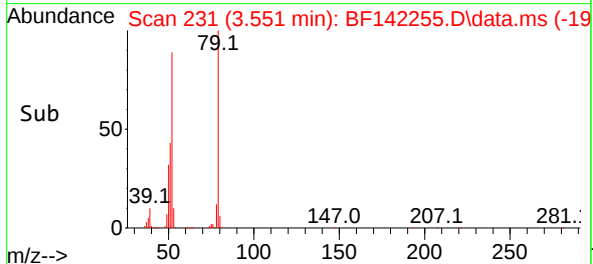
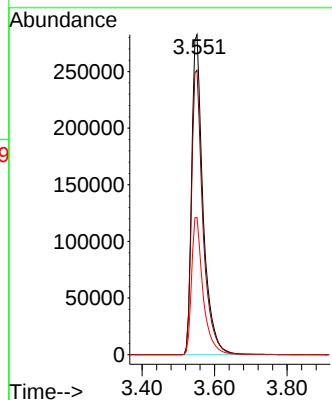
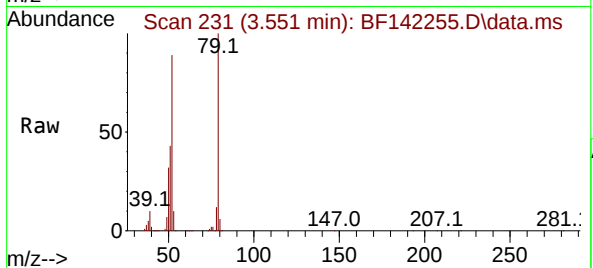




#3
Pyridine
Concen: 37.171 ng
RT: 3.551 min Scan# 216
Delta R.T. 0.088 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

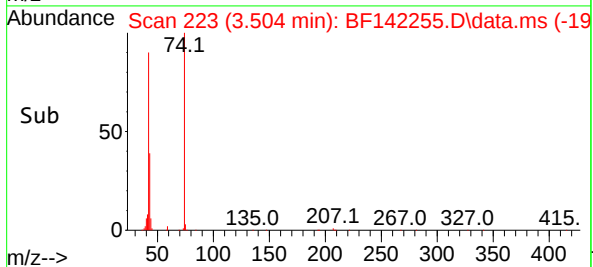
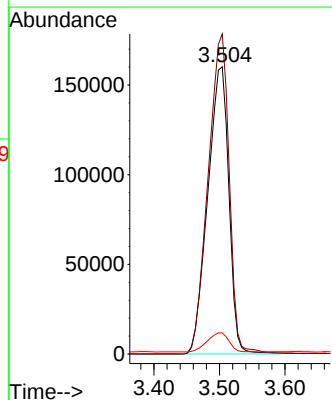
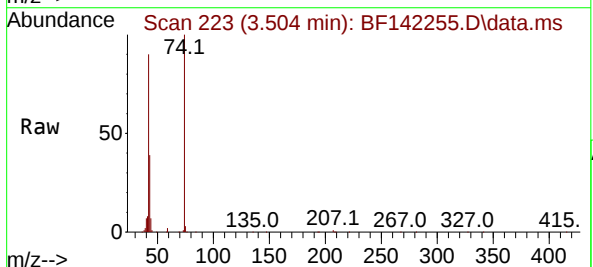
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BNA_F
ClientSampleId :
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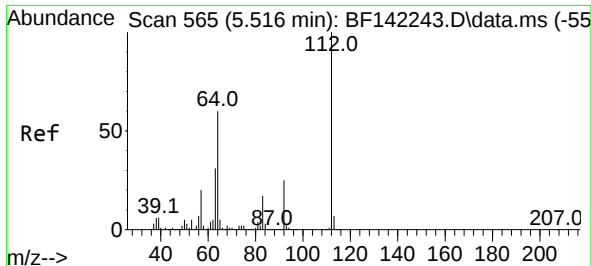
Tgt Ion: 79 Resp: 618200
Ion Ratio Lower Upper
79 100
52 88.9 71.5 107.3
51 42.9 34.5 51.7



#4
n-Nitrosodimethylamine
Concen: 41.623 ng
RT: 3.504 min Scan# 223
Delta R.T. 0.094 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion: 42 Resp: 358234
Ion Ratio Lower Upper
42 100
74 111.4 89.5 134.3
44 7.3 6.6 9.8

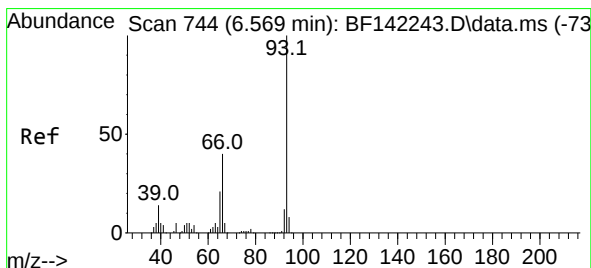
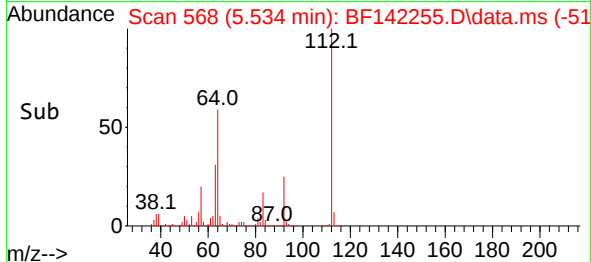
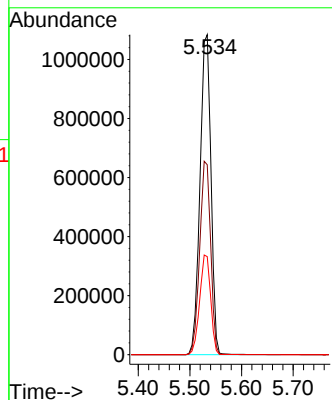
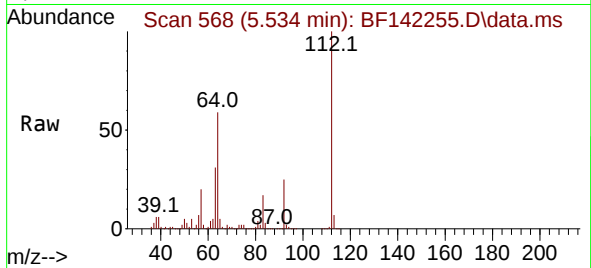




#5
2-Fluorophenol
Concen: 111.191 ng
RT: 5.534 min Scan# 501
Delta R.T. 0.017 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

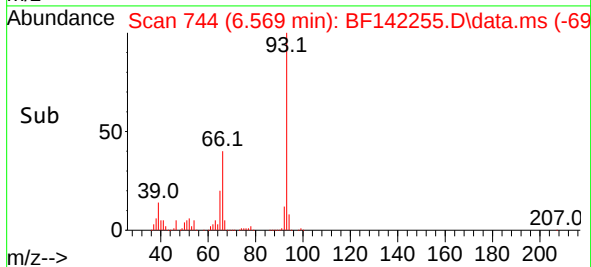
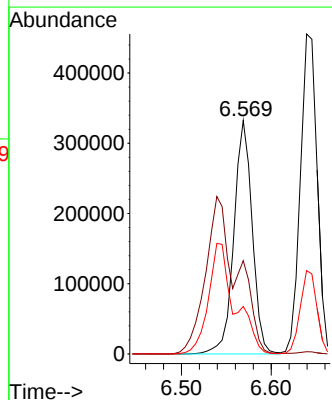
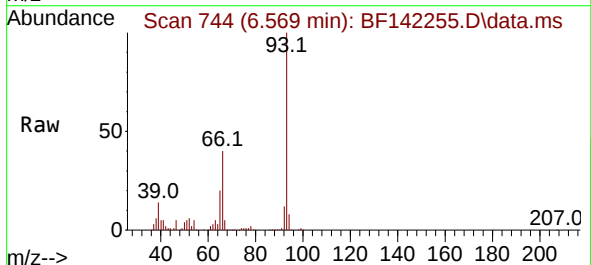
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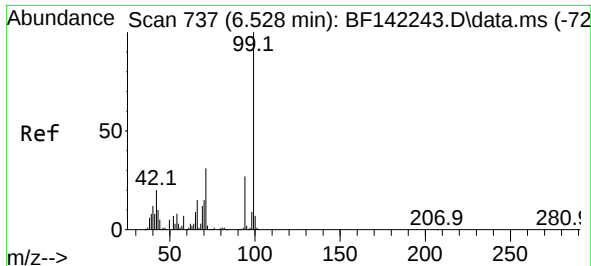
Tgt Ion:112 Resp: 1593182
Ion Ratio Lower Upper
112 100
64 59.3 48.4 72.6
63 30.6 24.8 37.2



#6
Aniline
Concen: 19.245 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion: 93 Resp: 471322
Ion Ratio Lower Upper
93 100
66 39.9 32.1 48.1
65 20.4 16.6 24.8

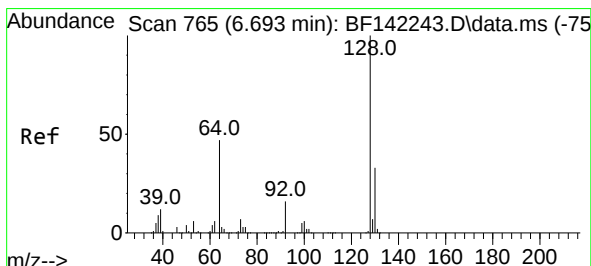
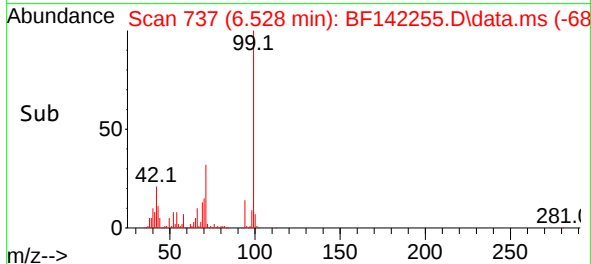
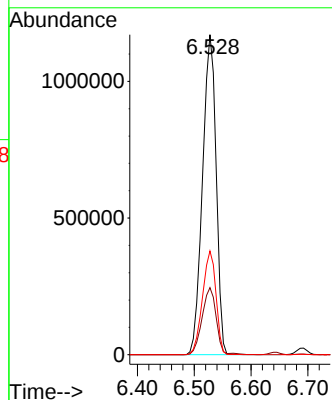
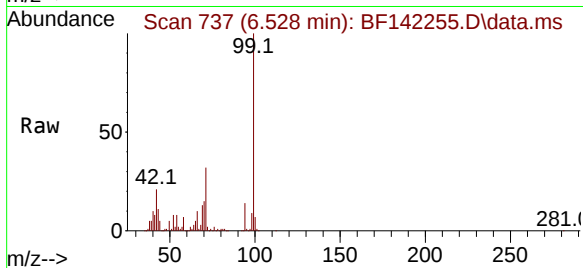




#7
Phenol-d6
Concen: 112.510 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

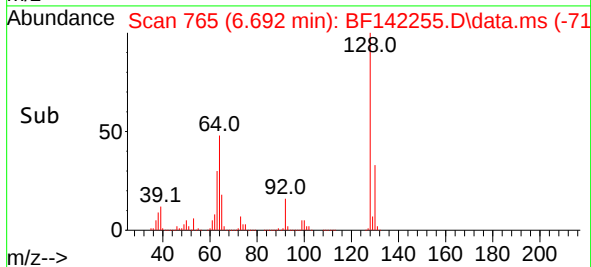
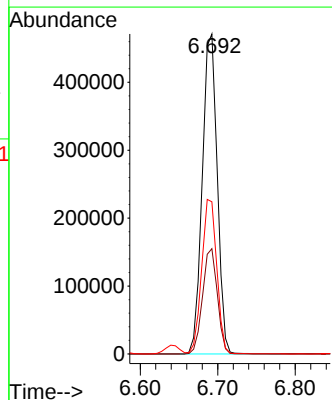
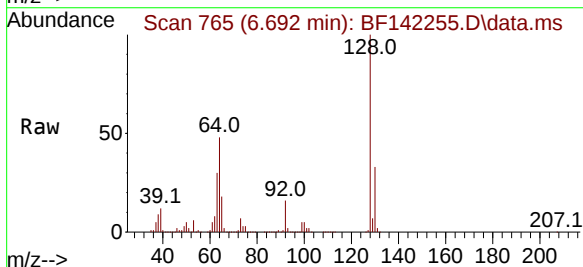
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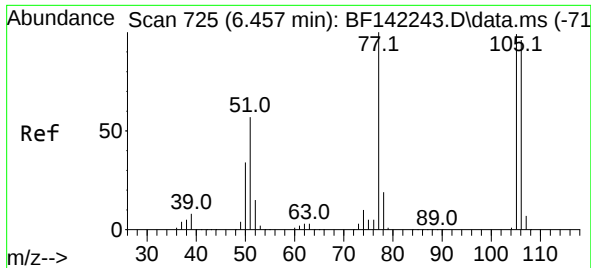
Tgt Ion: 99 Resp: 1946714
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.4 25.0 37.4



#8
2-Chlorophenol
Concen: 42.661 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:128 Resp: 631635
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 47.6 28.6 68.6





#9

Benzaldehyde

Concen: 25.285 ng

RT: 6.457 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

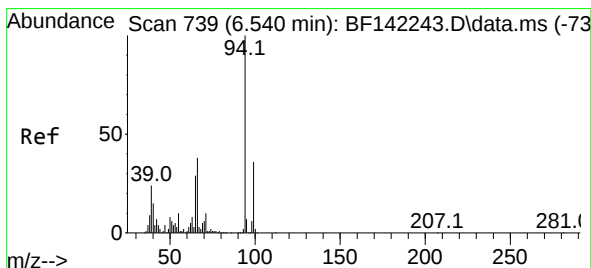
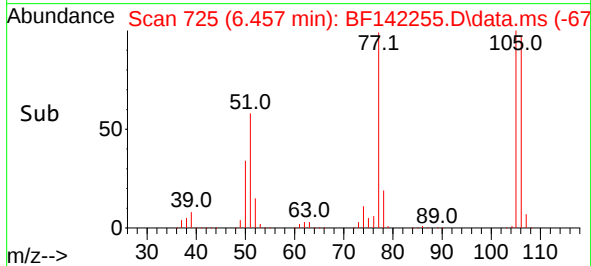
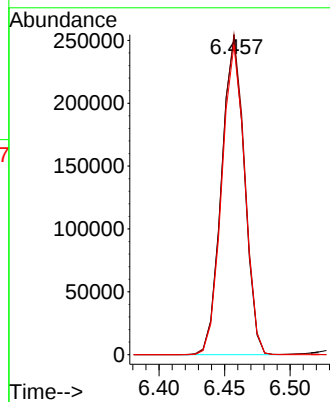
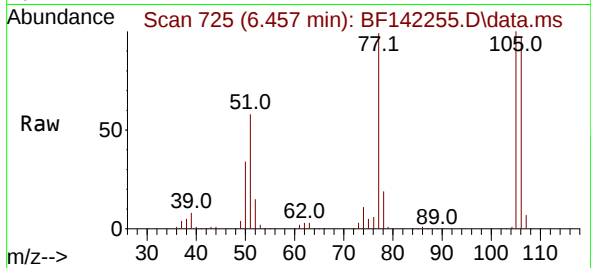
Tgt Ion: 77 Resp: 305773

Ion Ratio Lower Upper

77 100

105 101.1 79.1 119.1

106 97.8 76.0 116.0



#10

Phenol

Concen: 41.773 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

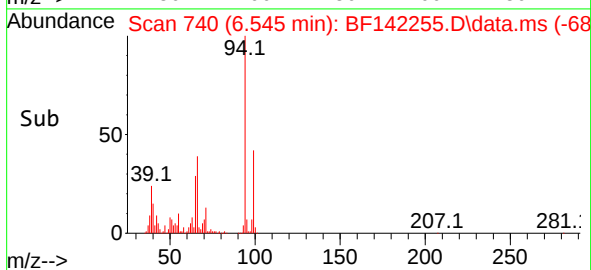
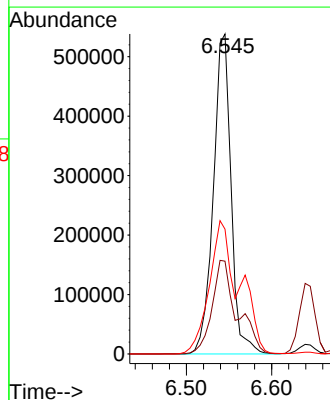
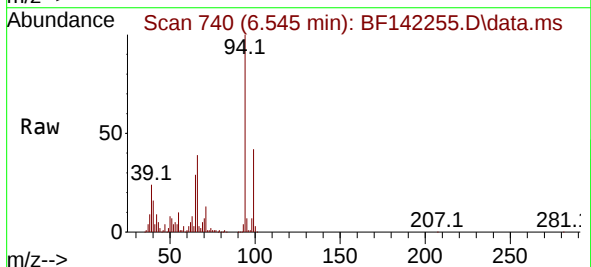
Tgt Ion: 94 Resp: 778120

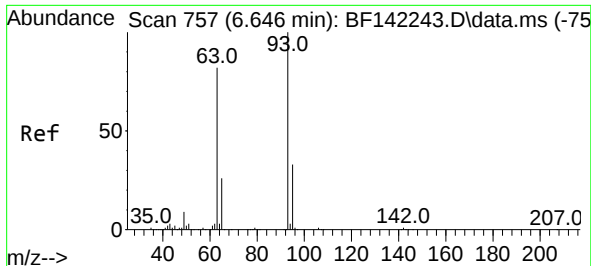
Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

66 39.0 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 40.804 ng

RT: 6.639 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

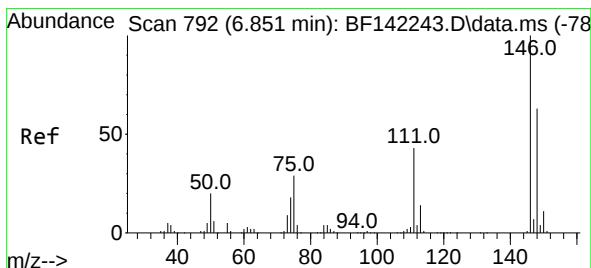
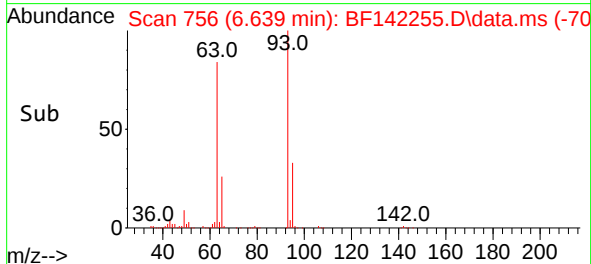
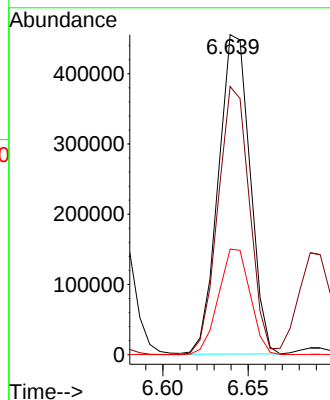
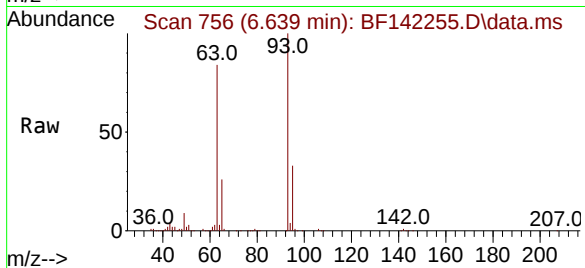
Tgt Ion: 93 Resp: 588988

Ion Ratio Lower Upper

93 100

63 83.8 62.2 102.2

95 33.0 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.402 ng

RT: 6.851 min Scan# 792

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

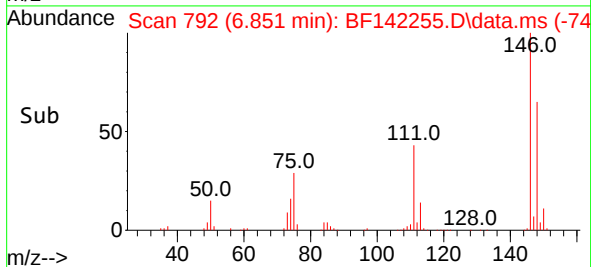
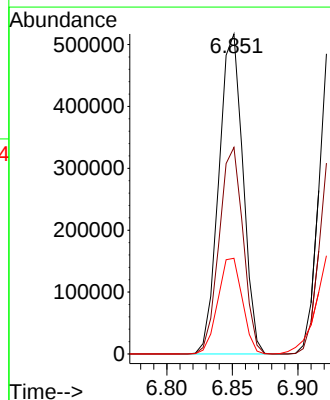
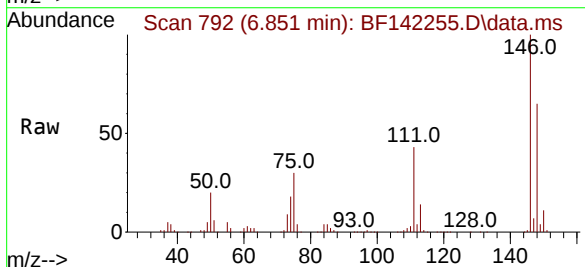
Tgt Ion: 146 Resp: 659968

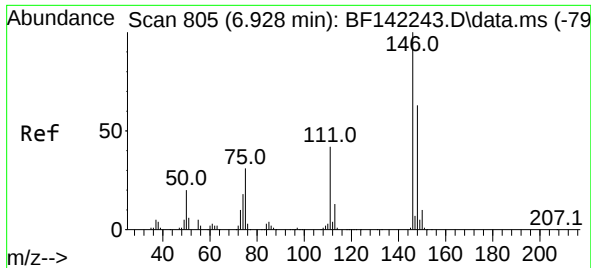
Ion Ratio Lower Upper

146 100

148 64.6 50.5 75.7

75 29.9 23.2 34.8

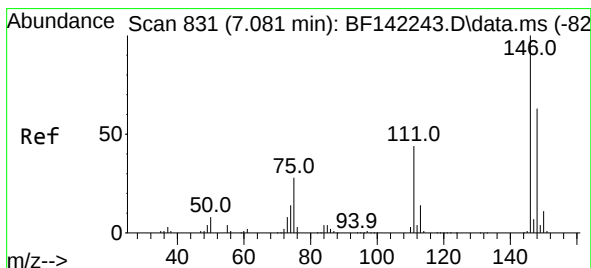
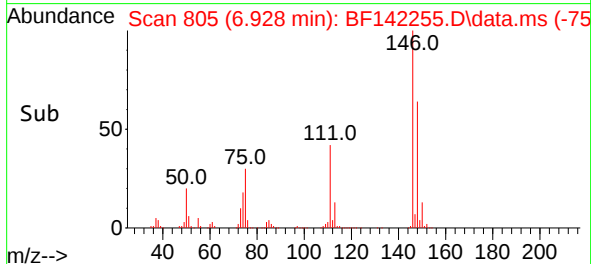
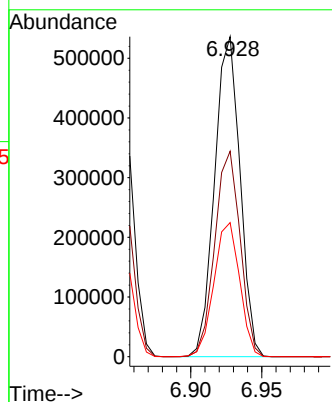
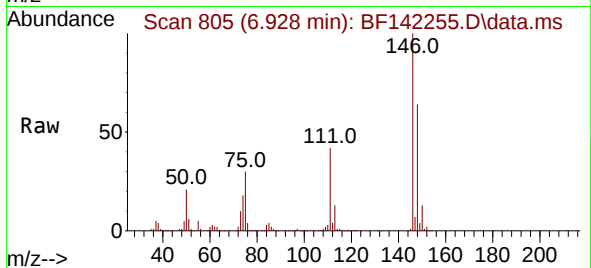




#13
1,4-Dichlorobenzene
Concen: 39.574 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

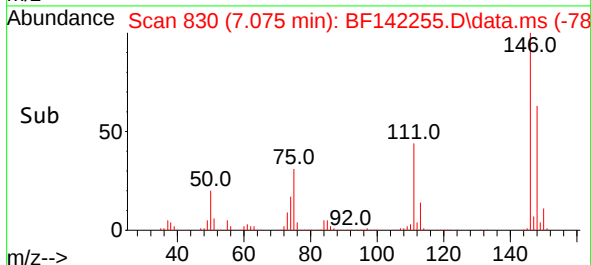
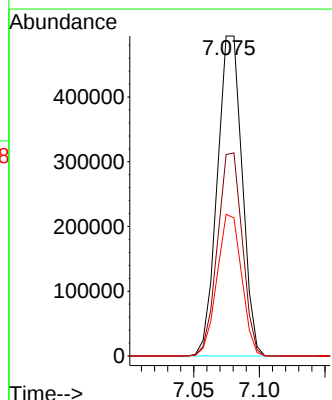
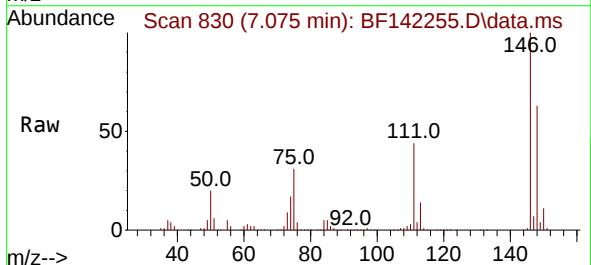
Instrument :
BNA_F
ClientSampleId :
PB167810BS

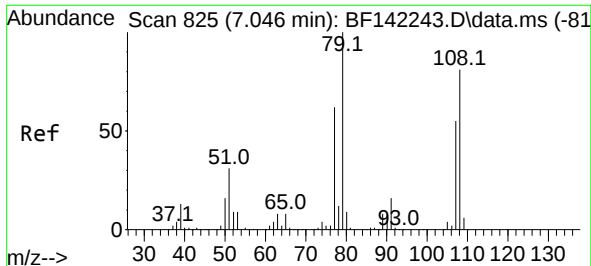
Tgt Ion:146 Resp: 667827
Ion Ratio Lower Upper
146 100
148 64.2 50.6 76.0
111 41.9 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 40.407 ng
RT: 7.075 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:146 Resp: 650967
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
111 44.3 34.9 52.3

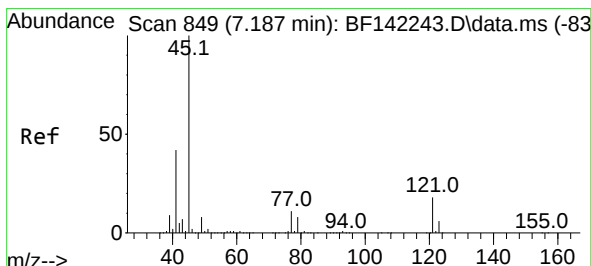
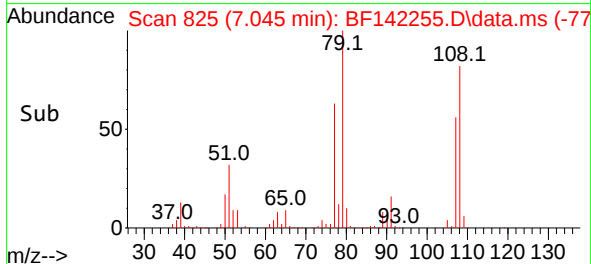
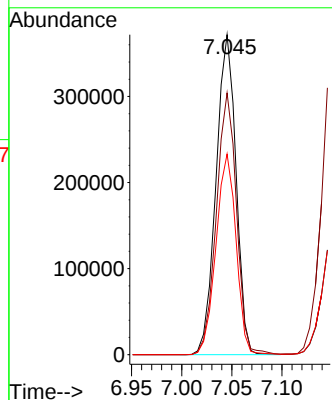
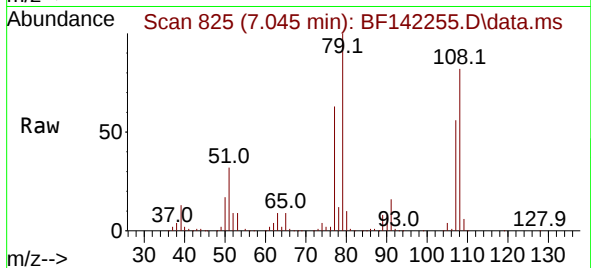




#15
Benzyl Alcohol
Concen: 41.969 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

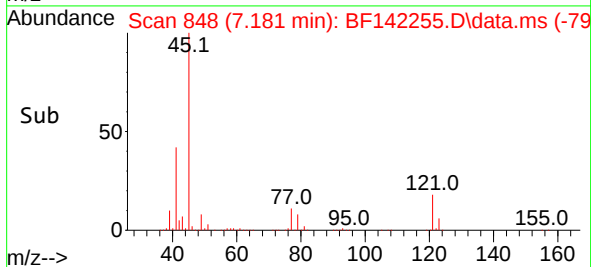
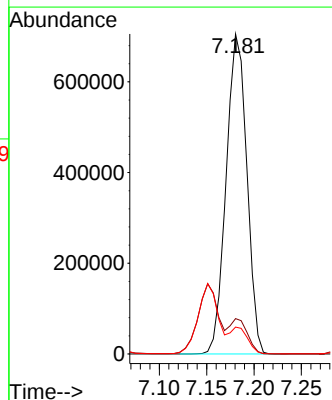
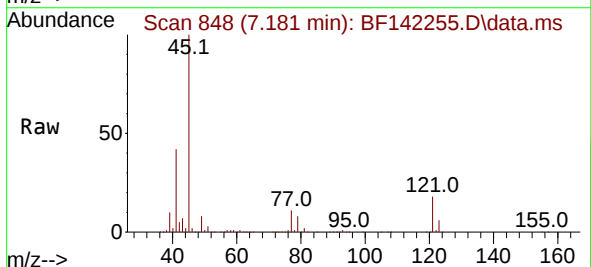
Instrument :
BNA_F
ClientSampleId :
PB167810BS

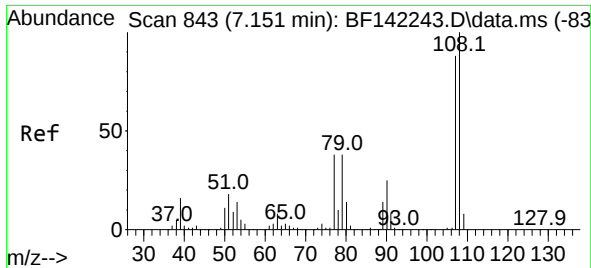
Tgt Ion: 79 Resp: 515024
Ion Ratio Lower Upper
79 100
108 81.8 64.5 96.7
77 62.7 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.135 ng
RT: 7.181 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion: 45 Resp: 1072194
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.3
79 8.4 0.0 28.5



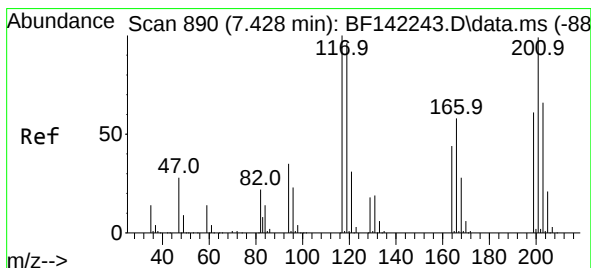
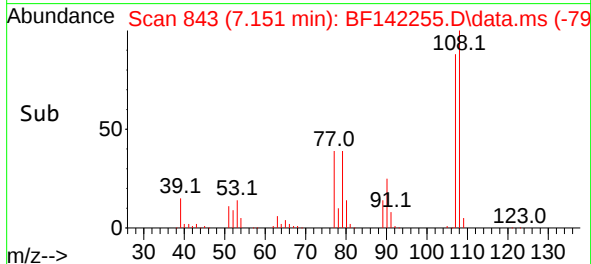
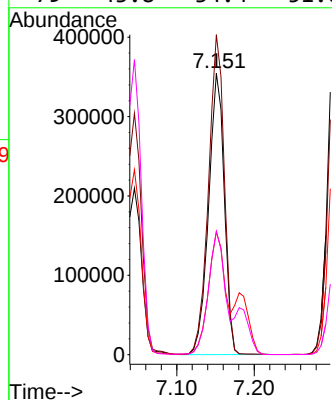
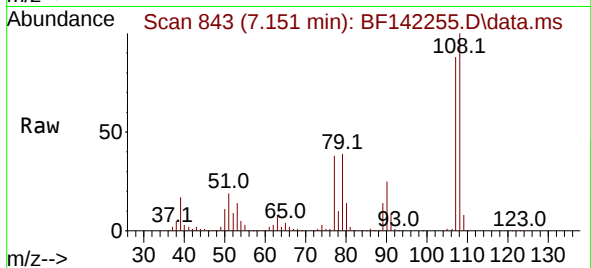


#17
2-Methylphenol
Concen: 41.046 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB167810BS

Tgt Ion:107 Resp: 497856

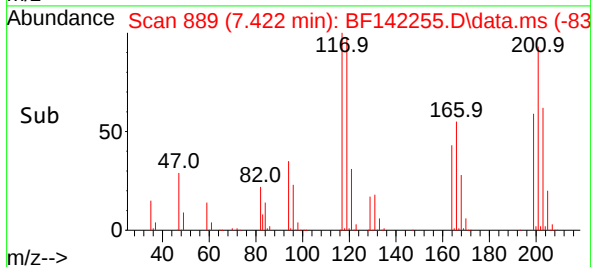
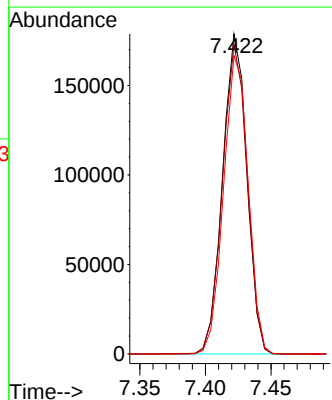
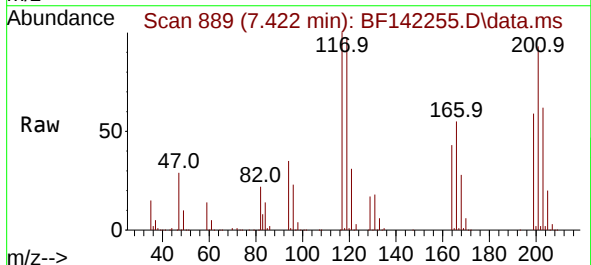
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.0	136.4
77	43.7	34.4	51.6
79	43.8	34.4	51.6

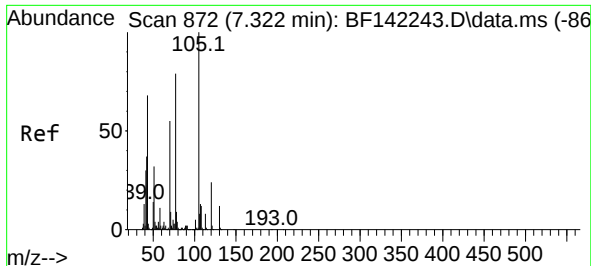


#18
Hexachloroethane
Concen: 41.832 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:117 Resp: 231050

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.1	115.7
201	93.2	79.4	119.2





#19

n-Nitroso-di-n-propylamine

Concen: 39.992 ng

RT: 7.322 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

Tgt Ion: 70 Resp: 427592

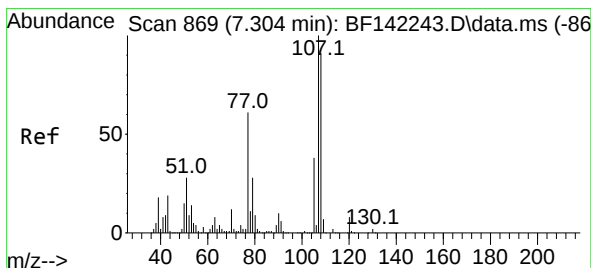
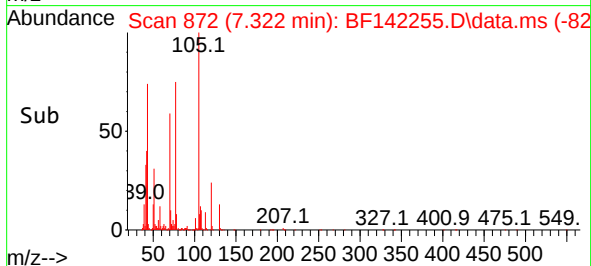
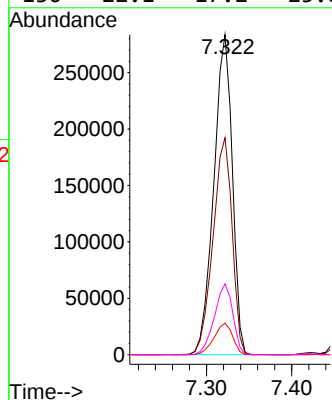
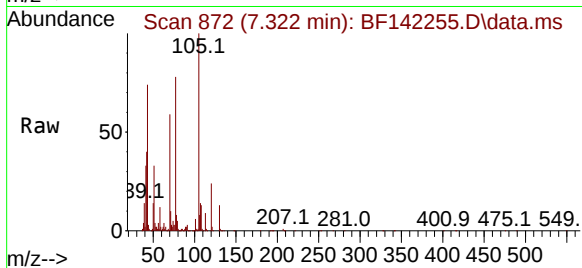
Ion Ratio Lower Upper

70 100

42 67.8 53.4 80.2

101 9.9 7.7 11.5

130 22.1 17.2 25.8



#20

3+4-Methylphenols

Concen: 40.760 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Tgt Ion: 107 Resp: 618253

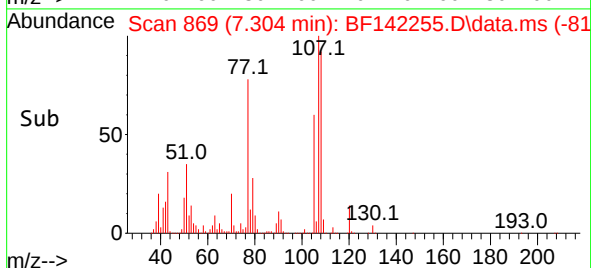
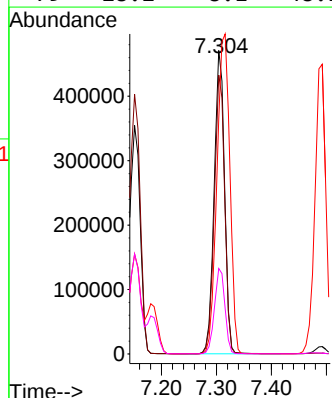
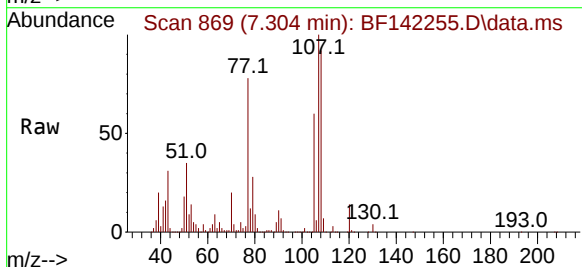
Ion Ratio Lower Upper

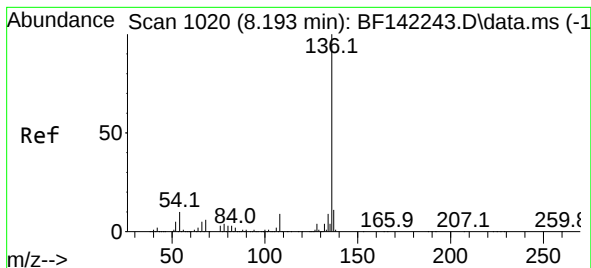
107 100

108 91.9 71.2 111.2

77 77.5 41.1 81.1

79 28.2 8.1 48.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.192 min Scan# 1020

Delta R.T. -0.001 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

Tgt Ion:136 Resp: 892782

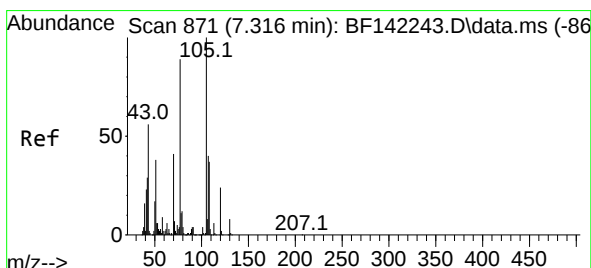
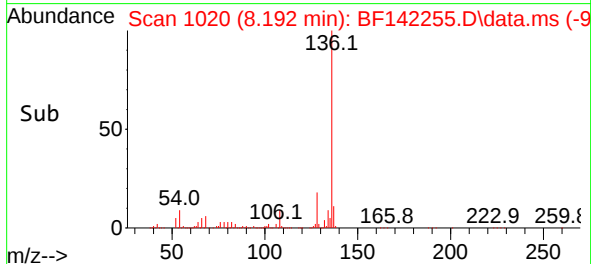
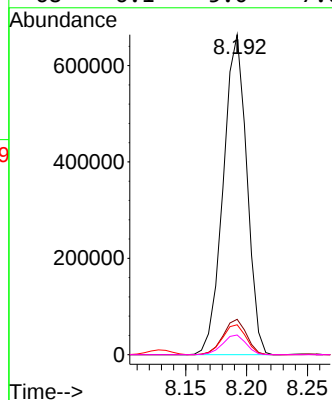
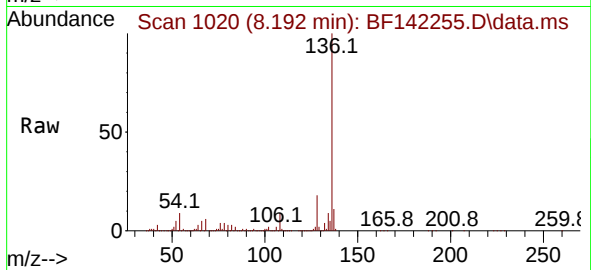
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.4 7.7 11.5

68 6.1 5.0 7.6



#22

Acetophenone

Concen: 40.025 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Tgt Ion:105 Resp: 826671

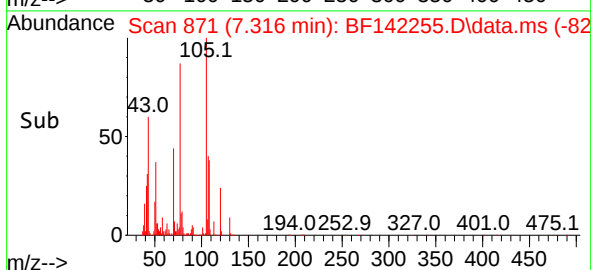
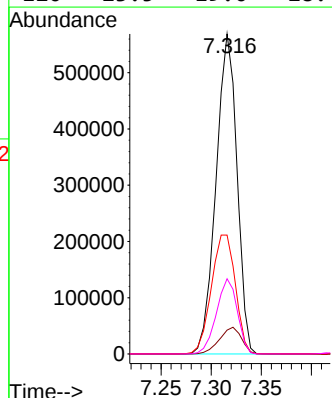
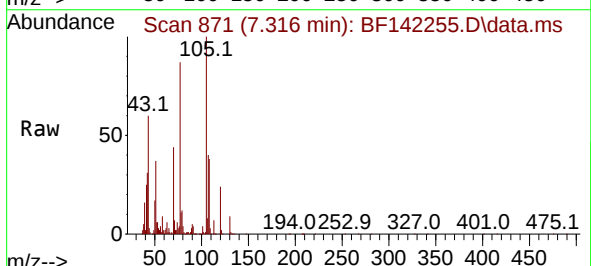
Ion Ratio Lower Upper

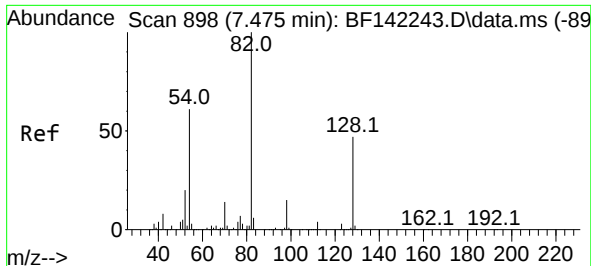
105 100

71 7.5 5.7 8.5

51 37.2 30.1 45.1

120 23.5 19.0 28.4





#23

Nitrobenzene-d5

Concen: 82.412 ng

RT: 7.469 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

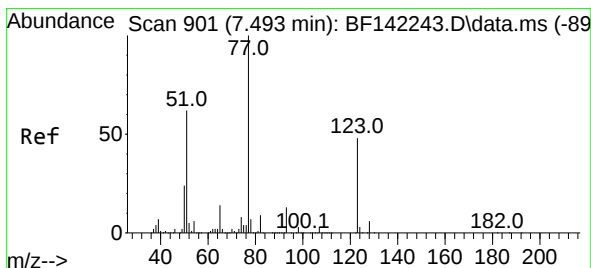
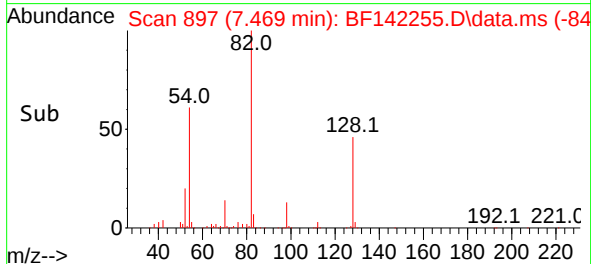
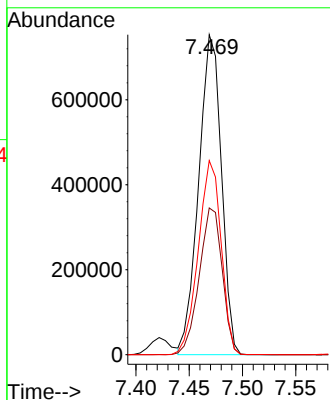
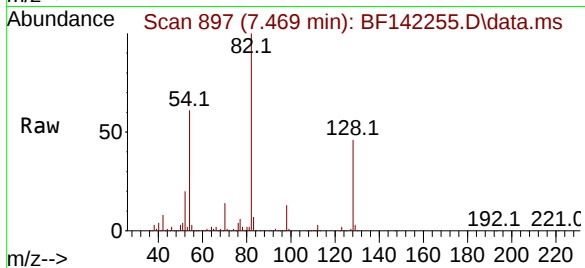
BNA_F

ClientSampleId :

PB167810BS

Tgt Ion: 82 Resp: 1119930

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.6
54	60.7	48.0	72.0



#24

Nitrobenzene

Concen: 45.807 ng

RT: 7.492 min Scan# 901

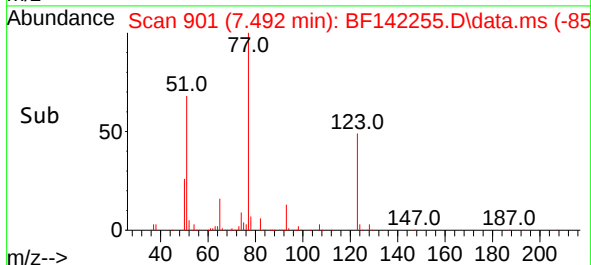
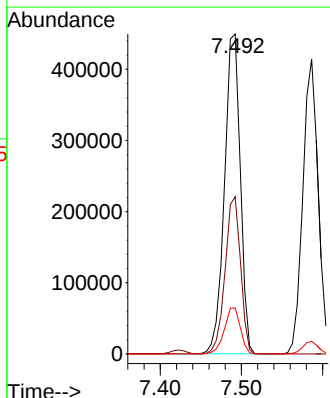
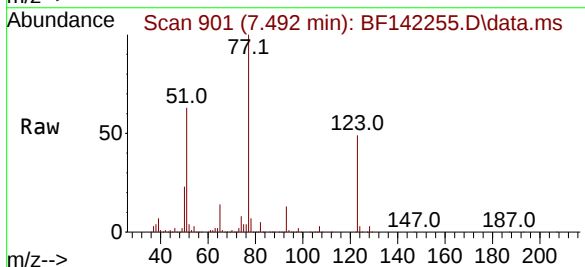
Delta R.T. -0.000 min

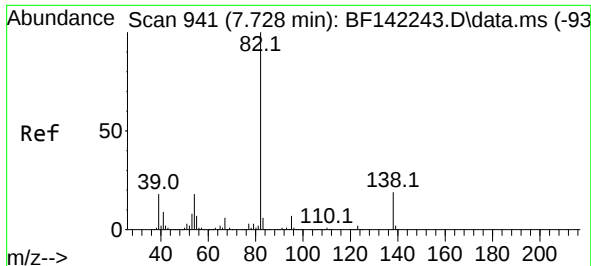
Lab File: BF142255.D

Acq: 01 May 2025 12:39

Tgt Ion: 77 Resp: 610784

Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.6	58.0
65	14.4	11.5	17.3

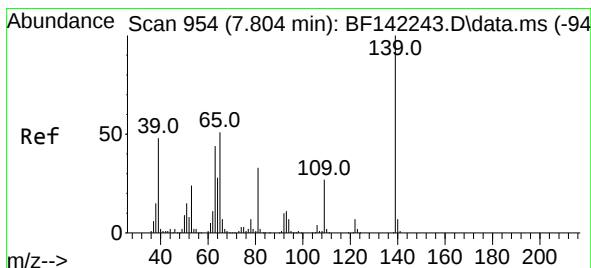
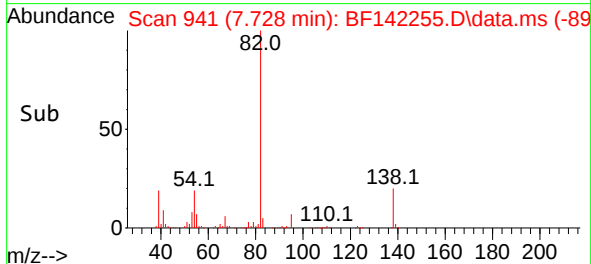
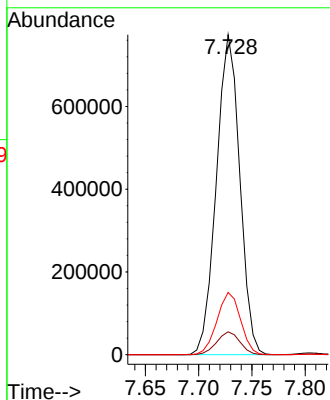
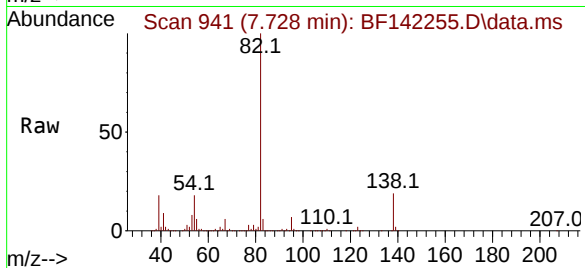




#25
Isophorone
Concen: 41.271 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

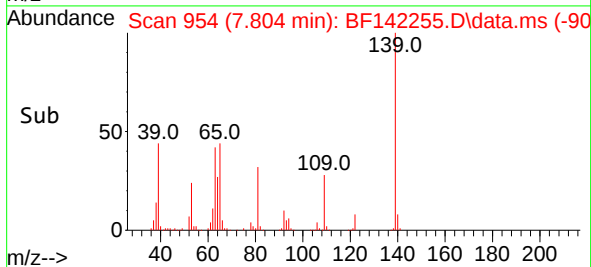
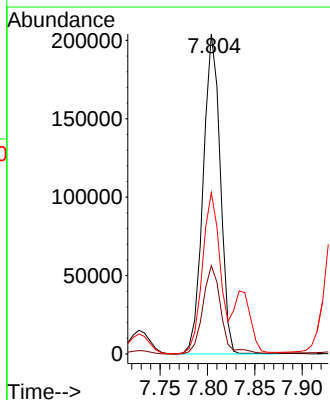
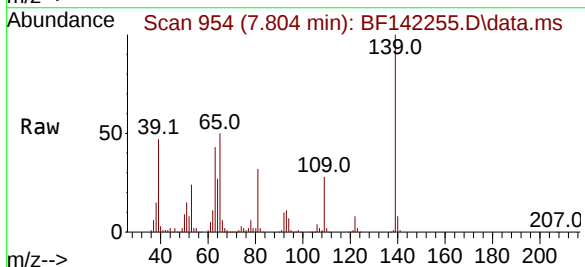
Instrument :
BNA_F
ClientSampleId :
PB167810BS

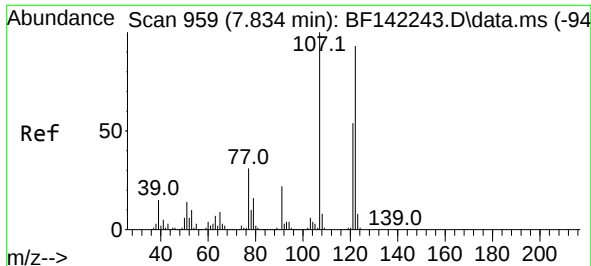
Tgt Ion: 82 Resp: 1177064
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 46.237 ng
RT: 7.804 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:139 Resp: 256947
Ion Ratio Lower Upper
139 100
109 27.6 21.8 32.8
65 50.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 41.886 ng

RT: 7.839 min Scan# 959

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

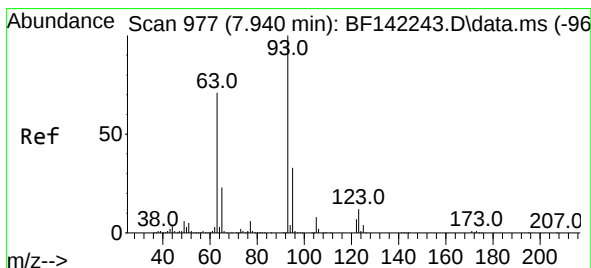
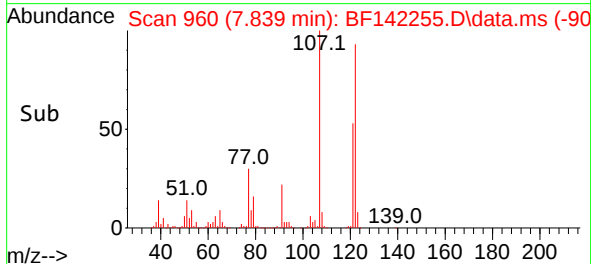
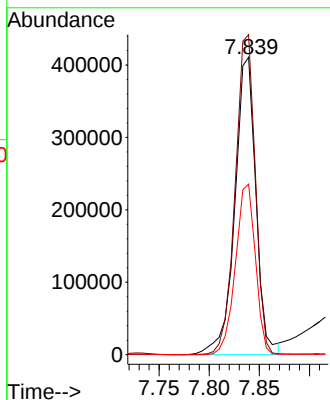
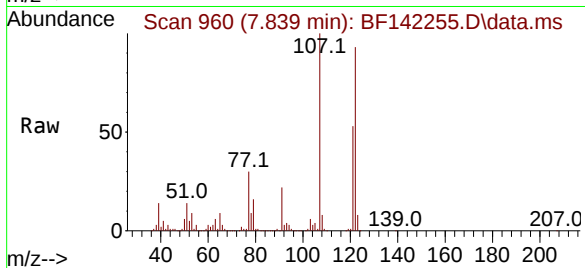
Tgt Ion:122 Resp: 602302

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 57.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.821 ng

RT: 7.939 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

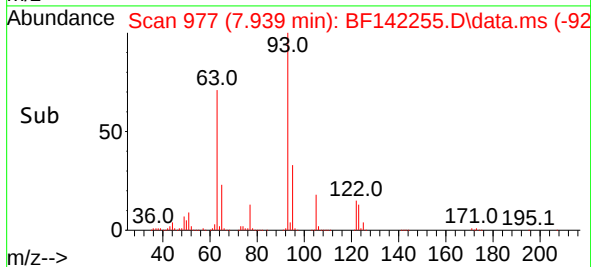
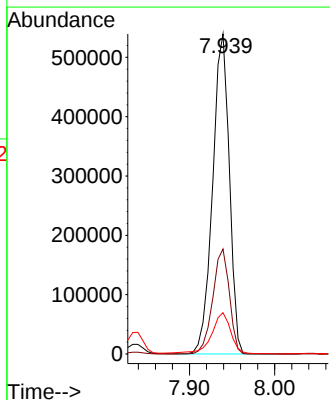
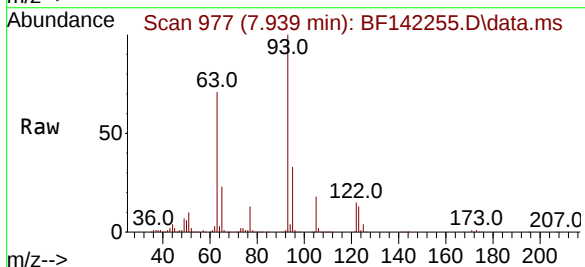
Tgt Ion: 93 Resp: 734241

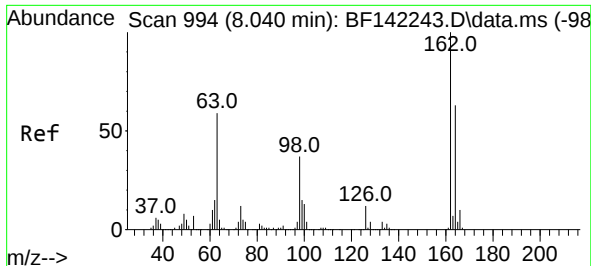
Ion Ratio Lower Upper

93 100

95 32.8 26.2 39.2

123 12.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 43.143 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

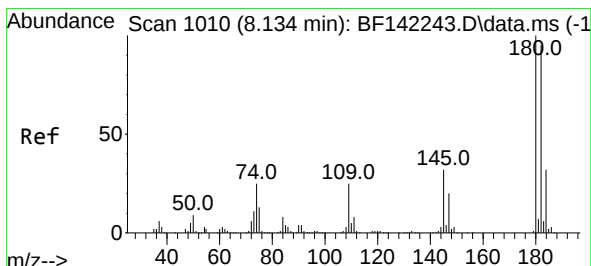
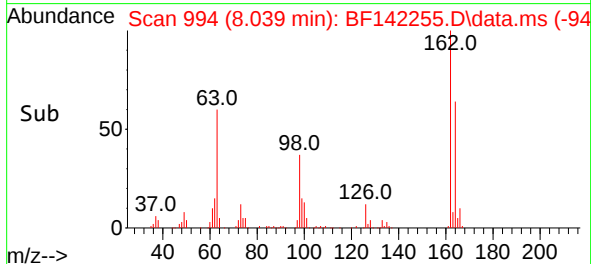
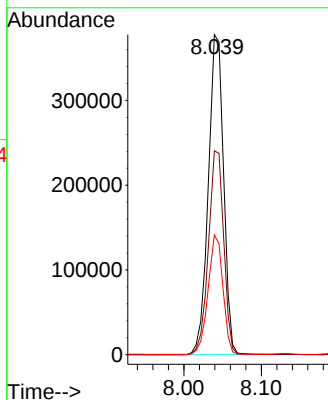
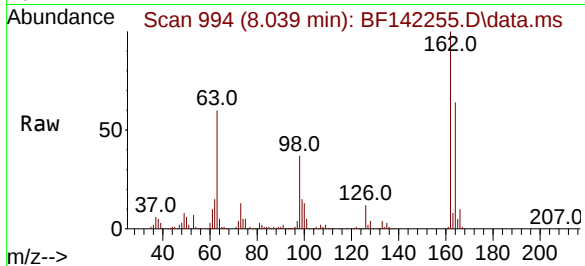
Tgt Ion:162 Resp: 518664

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

98 37.4 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 40.565 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

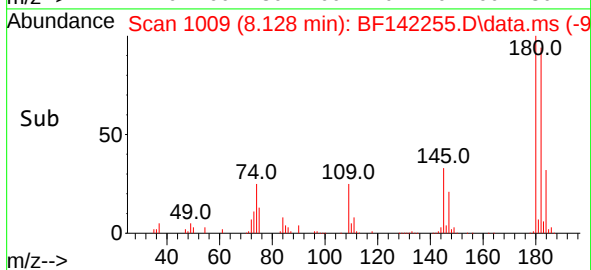
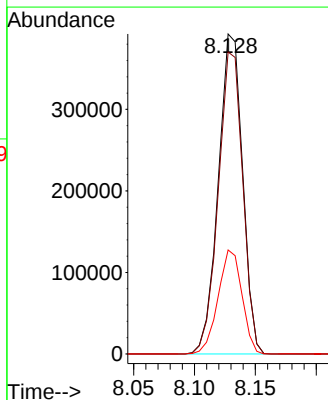
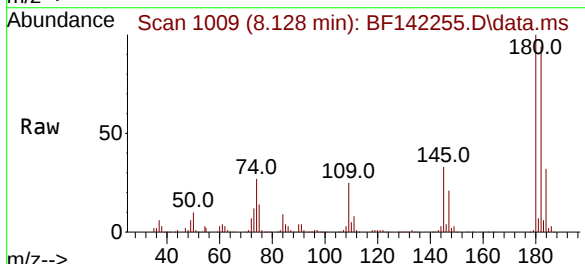
Tgt Ion:180 Resp: 544203

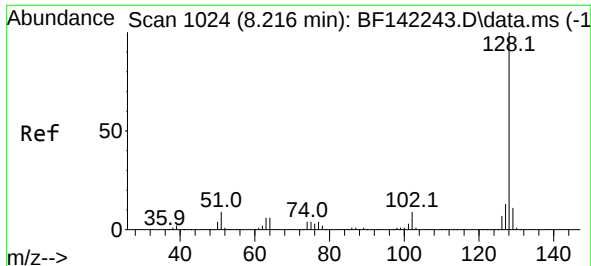
Ion Ratio Lower Upper

180 100

182 94.4 75.7 113.5

145 32.5 25.4 38.0

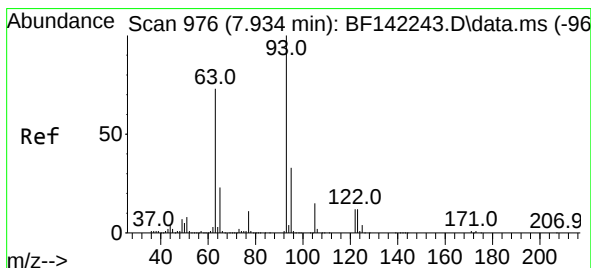
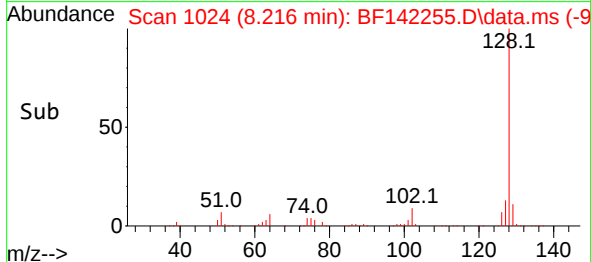
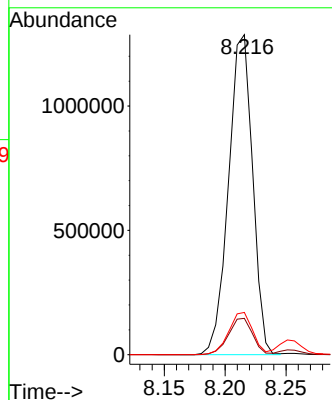
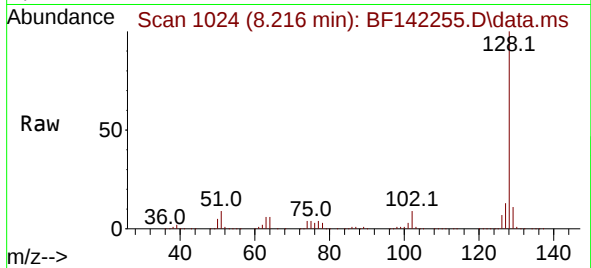




#31
Naphthalene
Concen: 39.733 ng
RT: 8.216 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

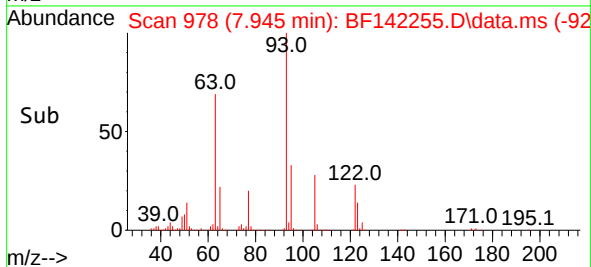
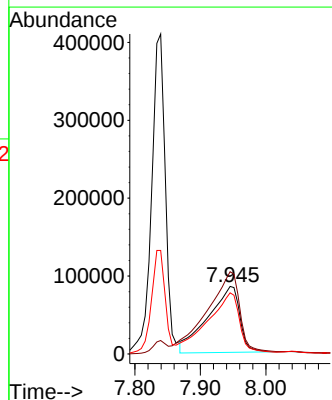
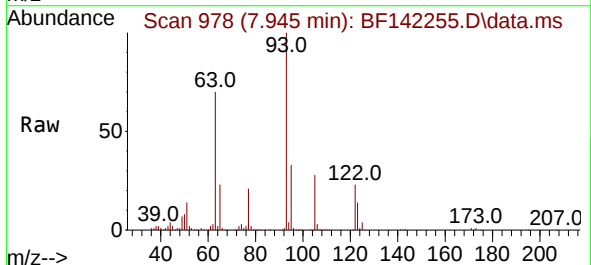
Instrument :
BNA_F
ClientSampleId :
PB167810BS

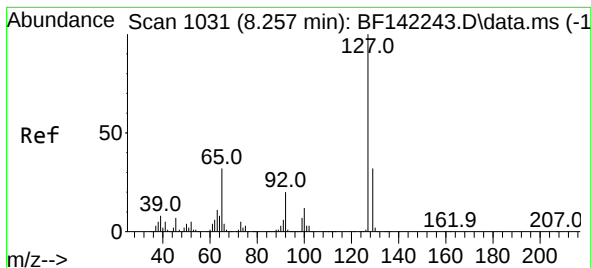
Tgt Ion:128 Resp: 1769061
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 43.299 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.011 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:122 Resp: 286918
Ion Ratio Lower Upper
122 100
105 121.8 98.2 138.2
77 90.5 66.8 106.8





#33

4-Chloroaniline

Concen: 4.431 ng

RT: 8.251 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

Tgt Ion:127 Resp: 82158

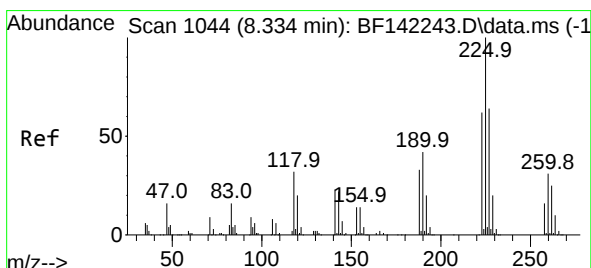
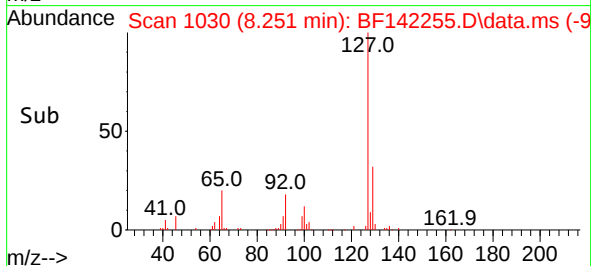
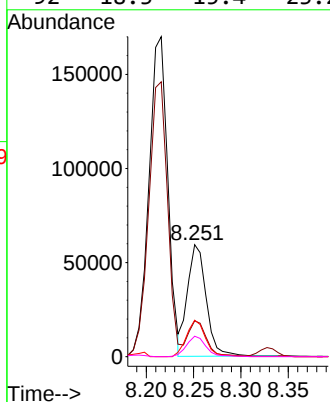
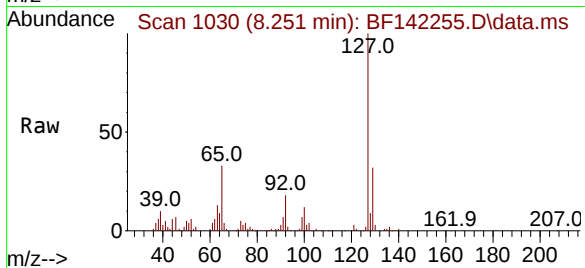
Ion Ratio Lower Upper

127 100

129 32.0 26.1 39.1

65 32.6 25.5 38.3

92 18.3 15.4 23.2



#34

Hexachlorobutadiene

Concen: 41.492 ng

RT: 8.328 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

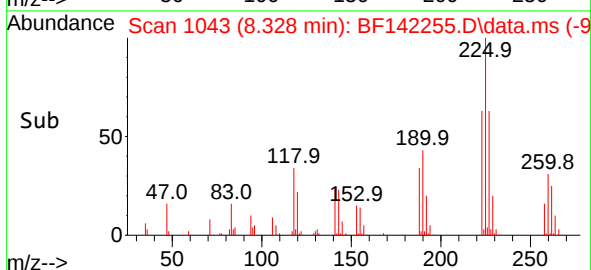
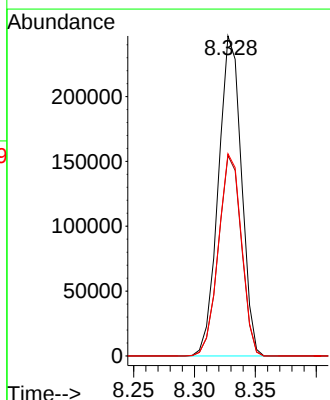
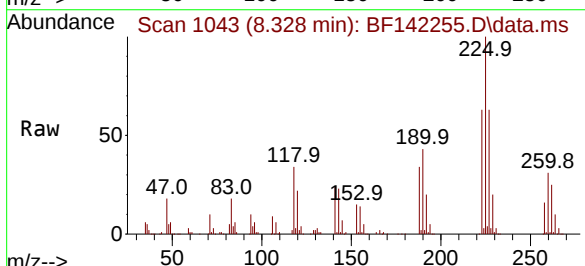
Tgt Ion:225 Resp: 324756

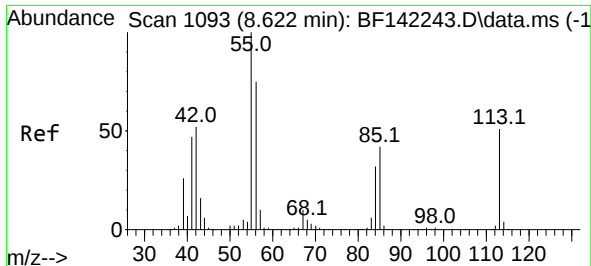
Ion Ratio Lower Upper

225 100

223 62.7 49.7 74.5

227 63.2 51.0 76.4

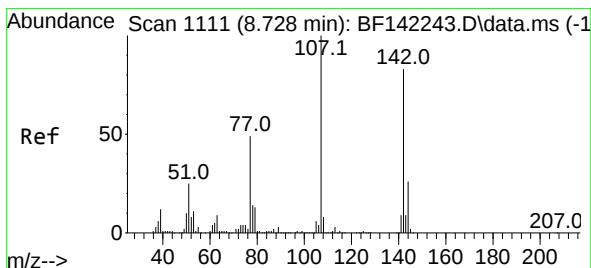
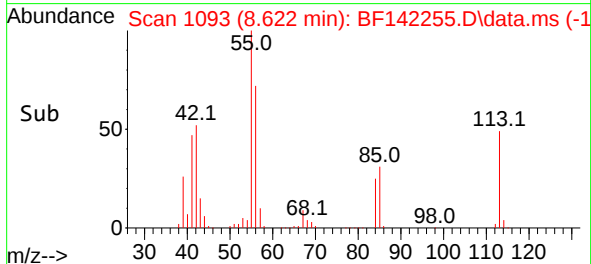
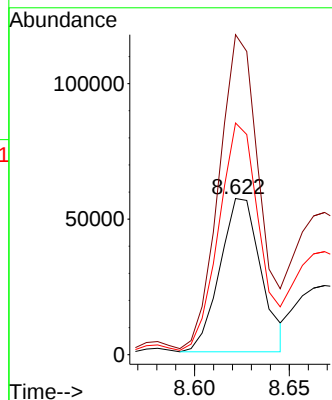
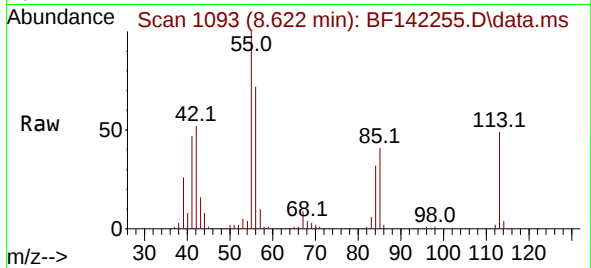




#35
 Caprolactam
 Concen: 23.574 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.000 min
 Lab File: BF142255.D
 Acq: 01 May 2025 12:39

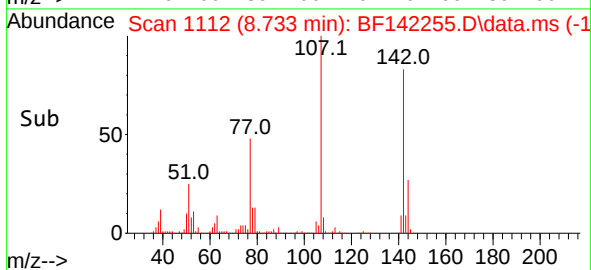
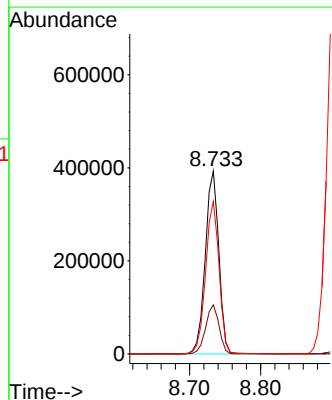
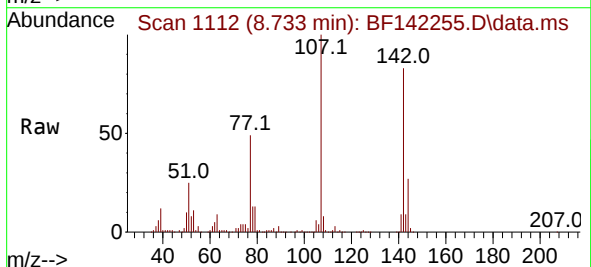
Instrument :
 BNA_F
 ClientSampleId :
 PB167810BS

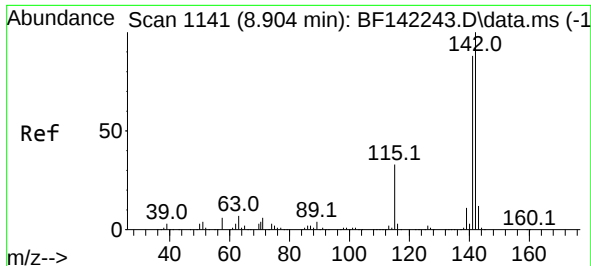
Tgt Ion:113 Resp: 85186
 Ion Ratio Lower Upper
 113 100
 55 204.8 177.7 217.7
 56 148.3 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.406 ng
 RT: 8.733 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142255.D
 Acq: 01 May 2025 12:39

Tgt Ion:107 Resp: 523494
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.0 31.4
 142 83.5 66.1 99.1





#37

2-Methylnaphthalene

Concen: 39.822 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

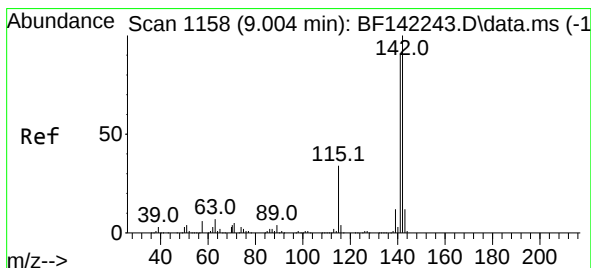
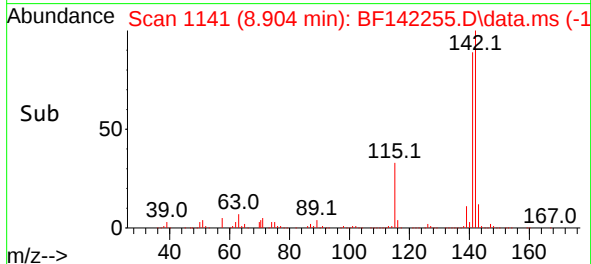
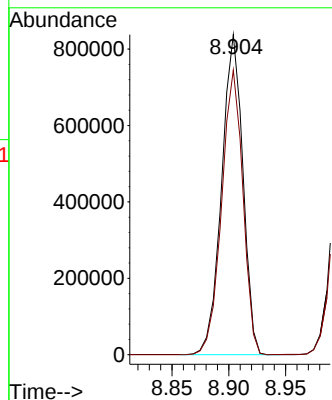
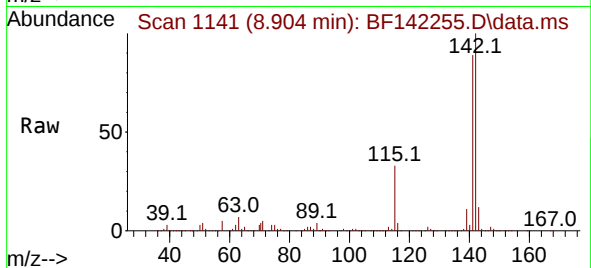
PB167810BS

Tgt Ion:142 Resp: 1090096

Ion Ratio Lower Upper

142 100

141 88.9 70.5 105.7



#38

1-Methylnaphthalene

Concen: 40.333 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142255.D

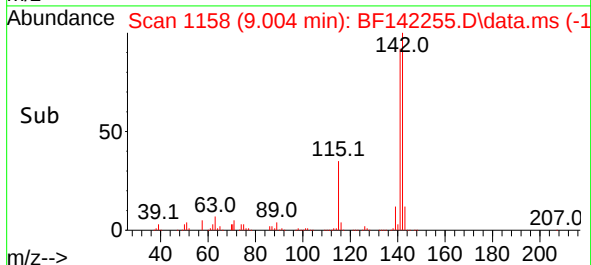
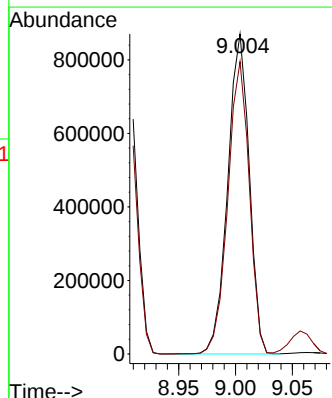
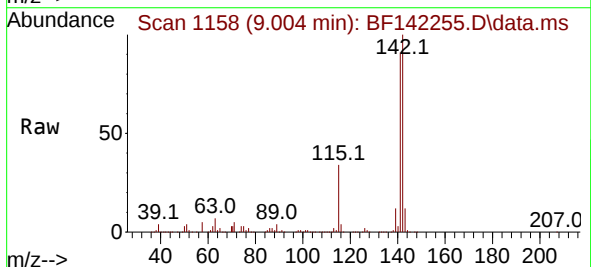
Acq: 01 May 2025 12:39

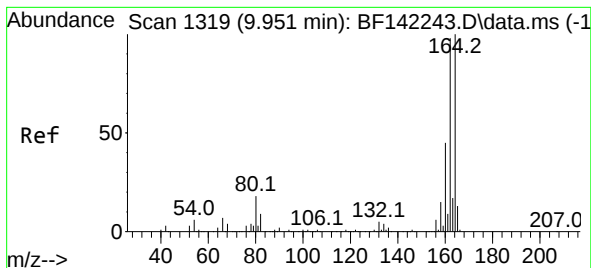
Tgt Ion:142 Resp: 1143793

Ion Ratio Lower Upper

142 100

141 91.4 72.8 109.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

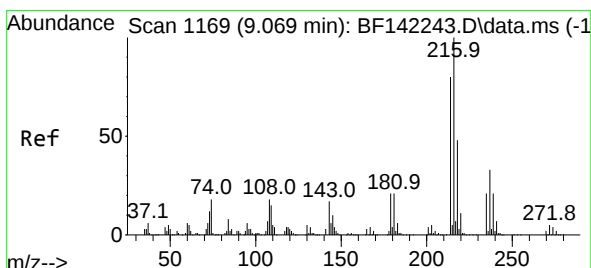
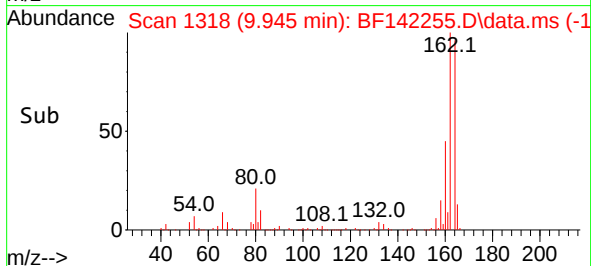
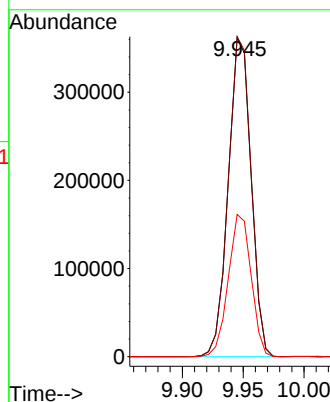
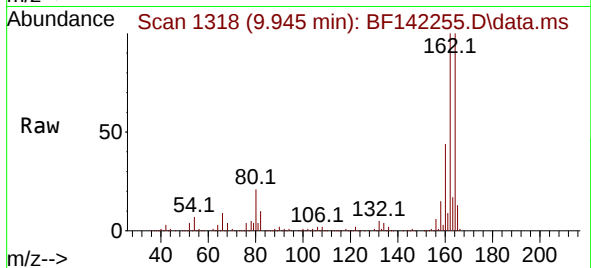
Tgt Ion:164 Resp: 472284

Ion Ratio Lower Upper

164 100

162 100.2 78.6 117.8

160 44.6 35.7 53.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.471 ng

RT: 9.069 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Tgt Ion:216 Resp: 524634

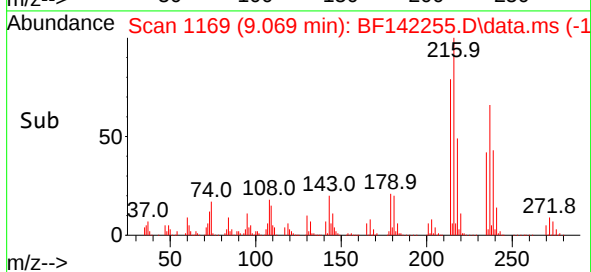
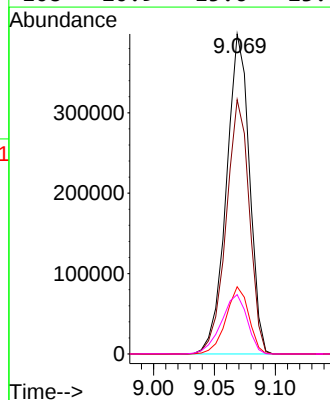
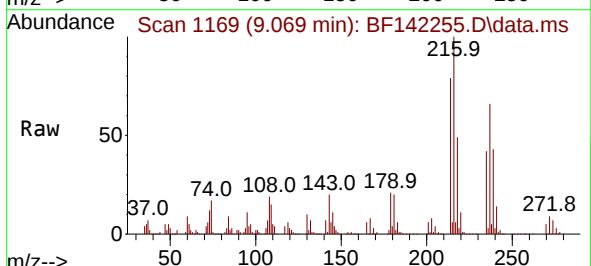
Ion Ratio Lower Upper

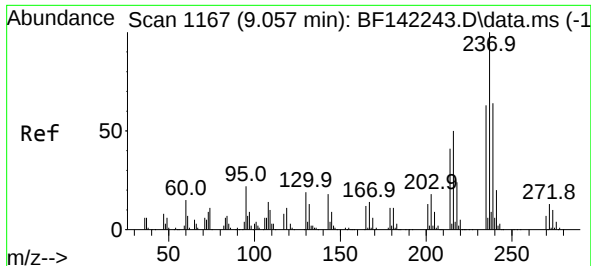
216 100

214 79.4 63.8 95.6

179 20.8 16.7 25.1

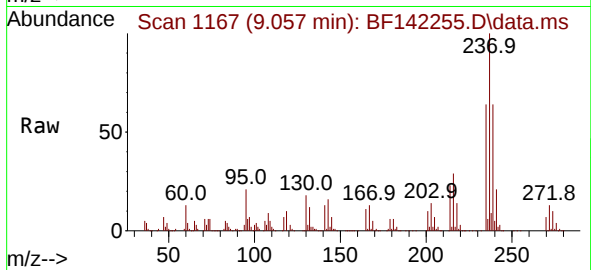
108 20.9 15.6 23.4



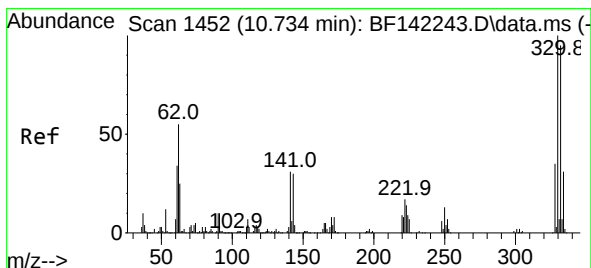
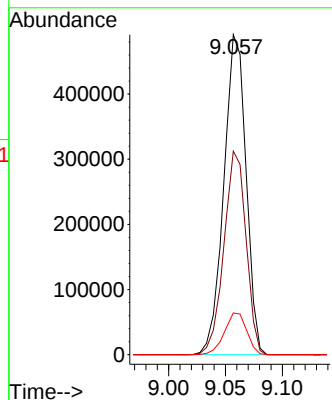
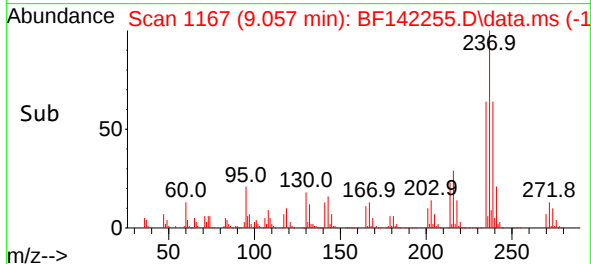


#41
Hexachlorocyclopentadiene
Concen: 88.607 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

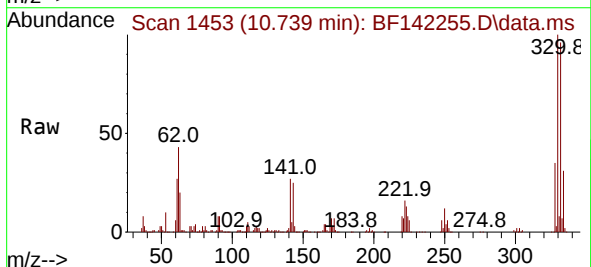
Instrument :
BNA_F
ClientSampleId :
PB167810BS



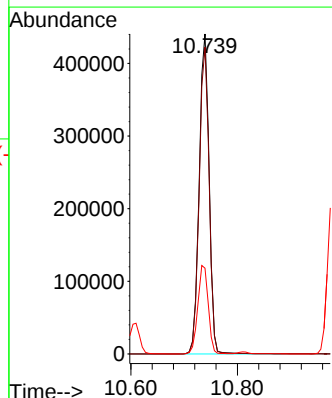
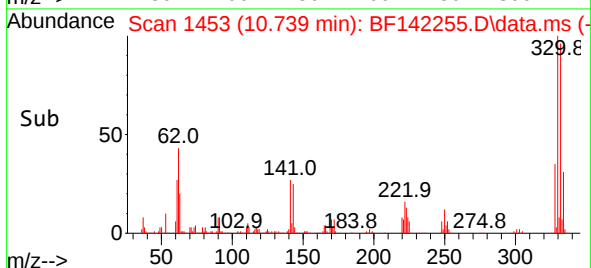
Tgt Ion:237 Resp: 668416
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.1 0.0 32.9

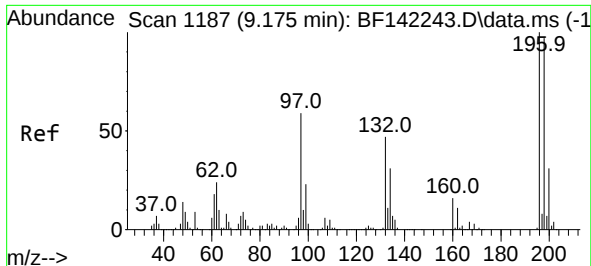


#42
2,4,6-Tribromophenol
Concen: 132.029 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39



Tgt Ion:330 Resp: 568456
Ion Ratio Lower Upper
330 100
332 96.0 76.5 114.7
141 29.1 24.3 36.5

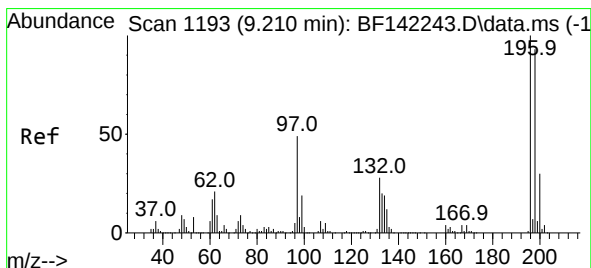
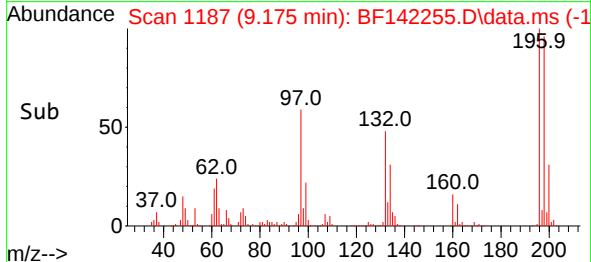
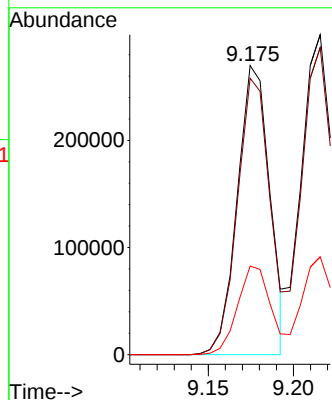
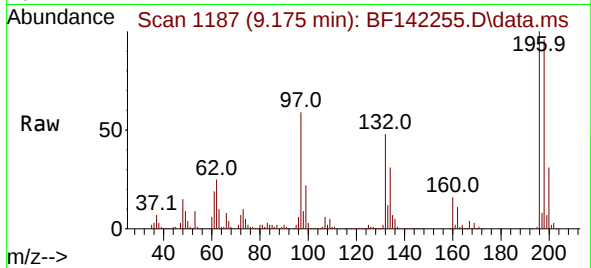




#43
2,4,6-Trichlorophenol
Concen: 43.423 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

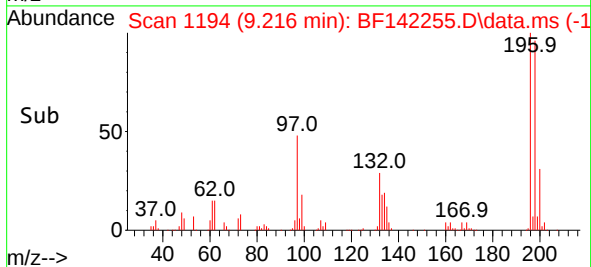
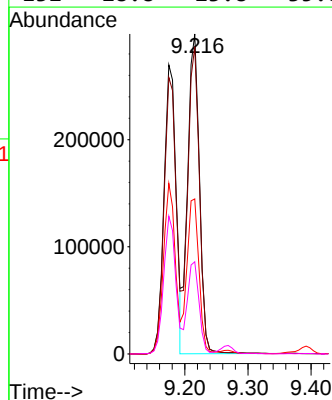
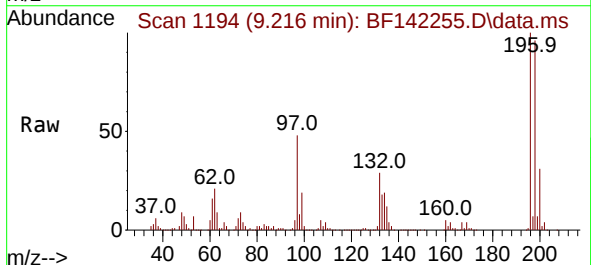
Instrument :
BNA_F
ClientSampleId :
PB167810BS

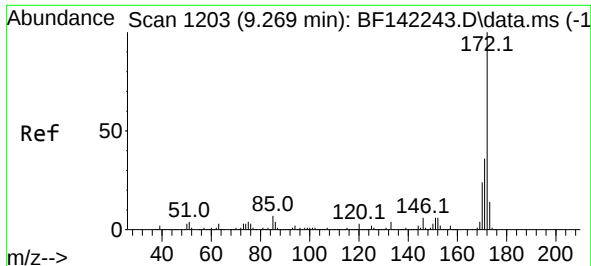
Tgt Ion:196 Resp: 357651
Ion Ratio Lower Upper
196 100
198 95.6 77.4 116.2
200 30.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.872 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:196 Resp: 388570
Ion Ratio Lower Upper
196 100
198 96.0 75.2 112.8
97 48.5 39.8 59.8
132 28.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 68.501 ng

RT: 9.269 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

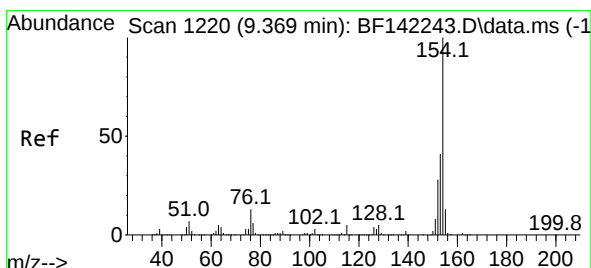
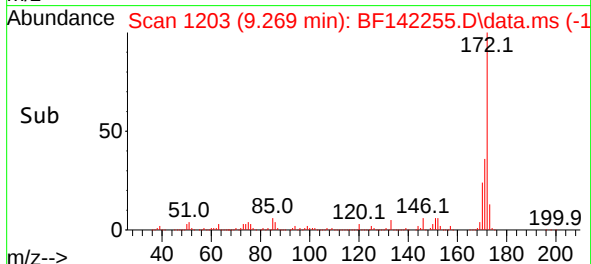
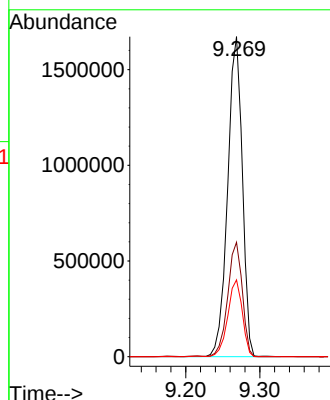
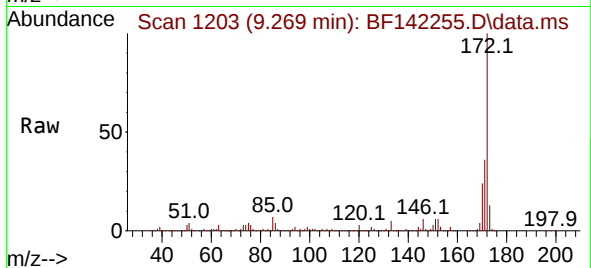
Tgt Ion:172 Resp: 2294519

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.4

170 24.0 19.4 29.0



#46

1,1'-Biphenyl

Concen: 39.713 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

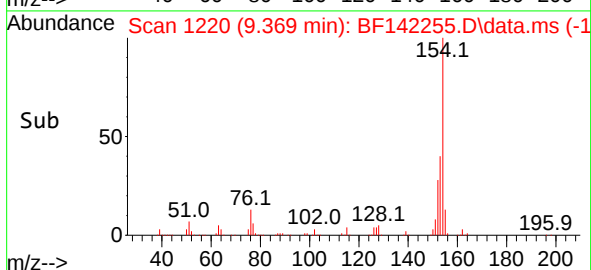
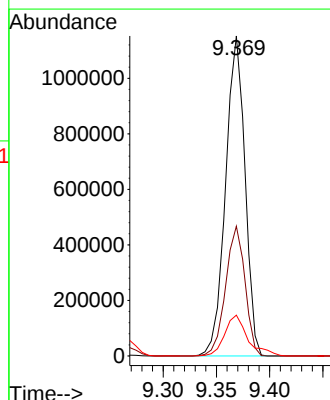
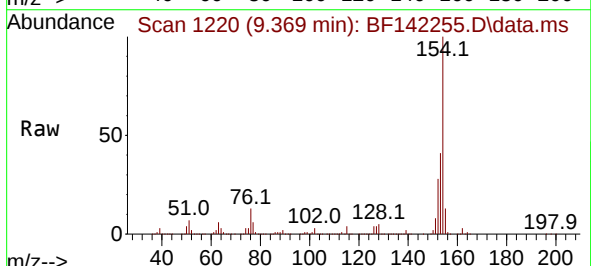
Tgt Ion:154 Resp: 1458088

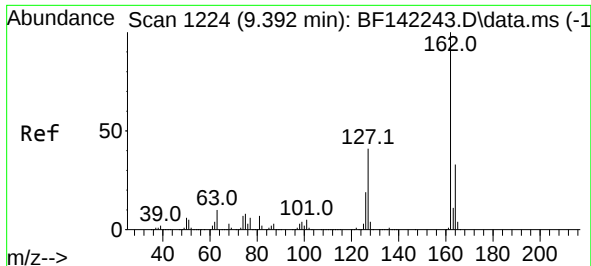
Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 12.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.017 ng

RT: 9.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

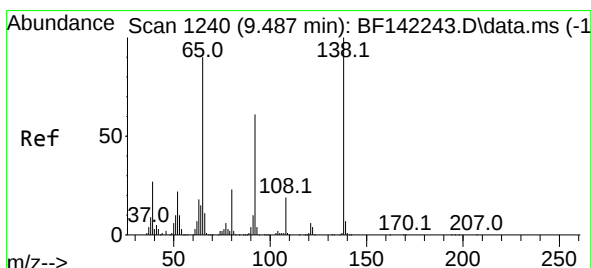
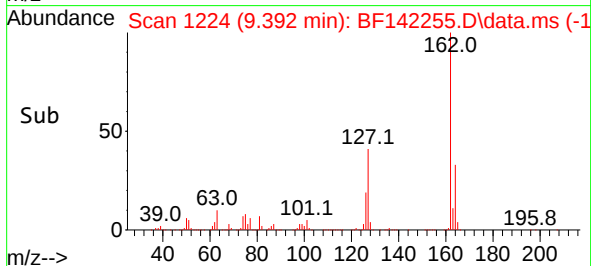
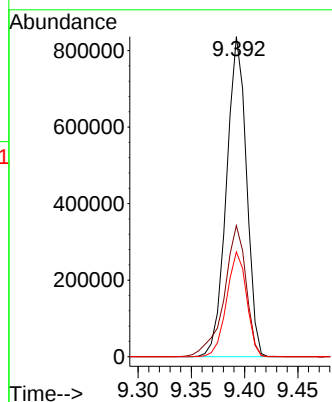
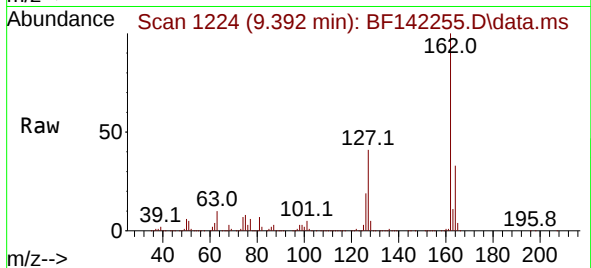
Tgt Ion:162 Resp: 1093139

Ion Ratio Lower Upper

162 100

127 40.9 32.6 49.0

164 32.7 26.1 39.1



#48

2-Nitroaniline

Concen: 44.957 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

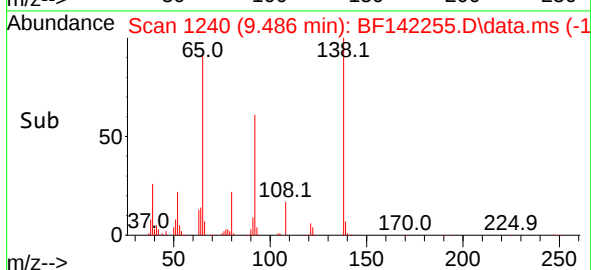
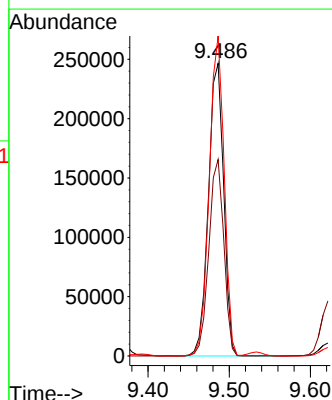
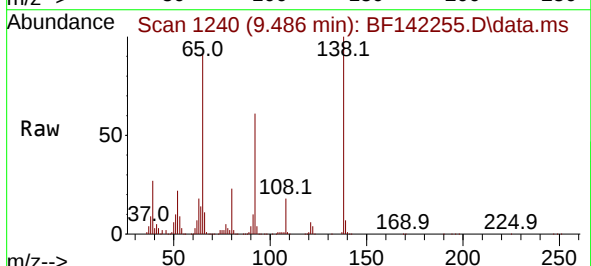
Tgt Ion: 65 Resp: 321433

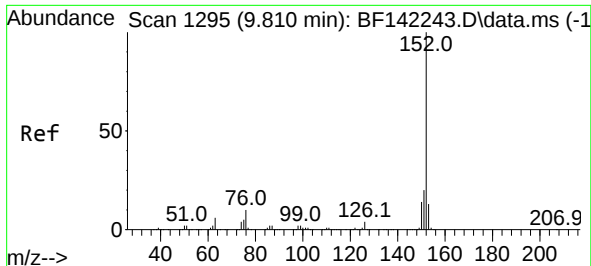
Ion Ratio Lower Upper

65 100

92 67.2 54.3 81.5

138 109.3 88.6 133.0





#49

Acenaphthylene

Concen: 40.085 ng

RT: 9.810 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

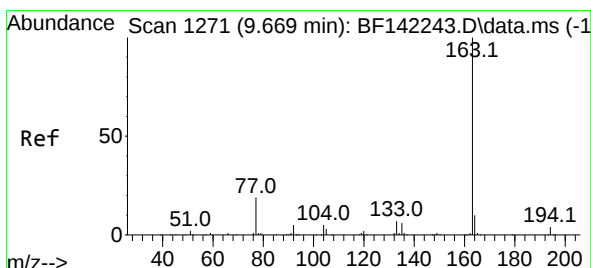
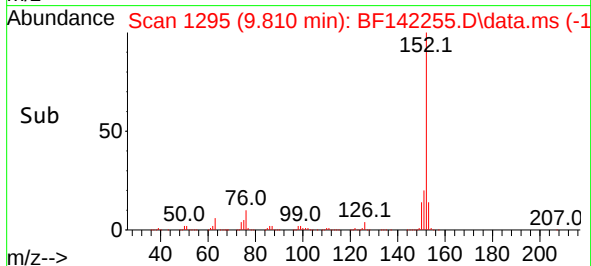
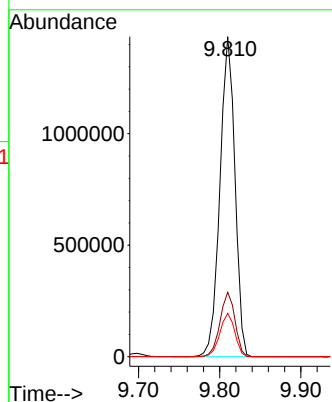
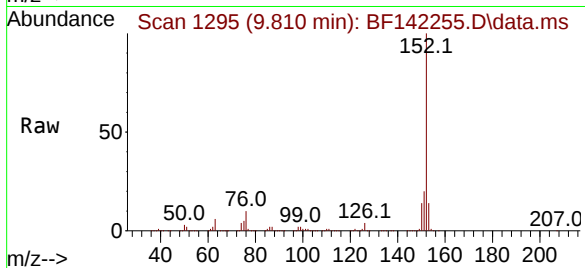
Tgt Ion:152 Resp: 1847757

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.6 10.7 16.1



#50

Dimethylphthalate

Concen: 41.981 ng

RT: 9.669 min Scan# 1271

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

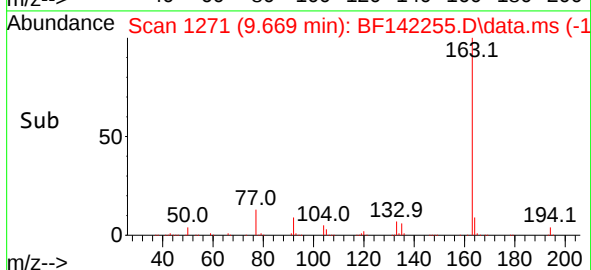
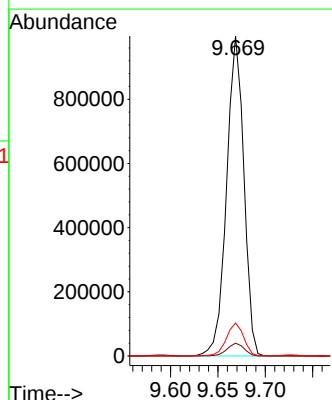
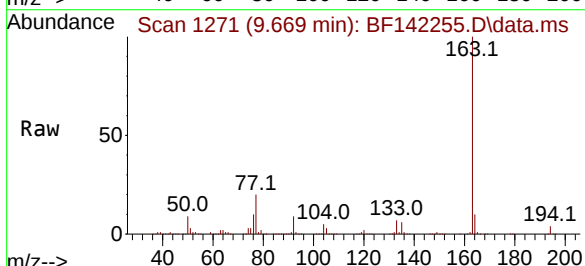
Tgt Ion:163 Resp: 1268421

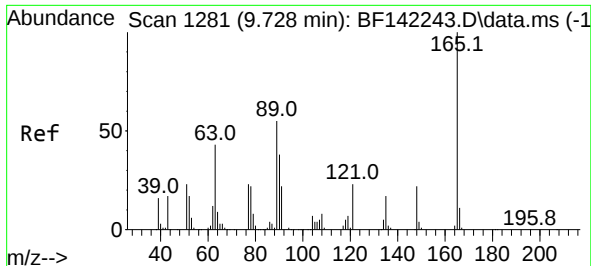
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.3 8.2 12.2

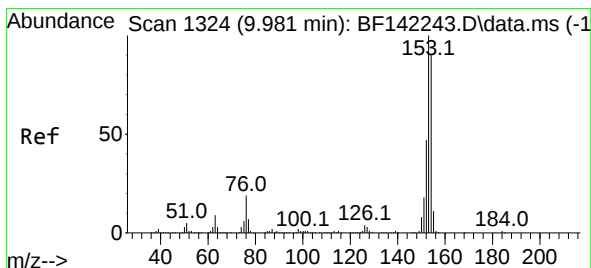
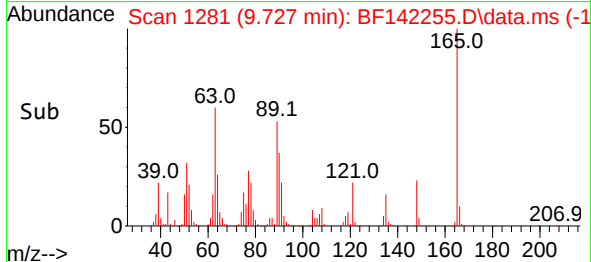
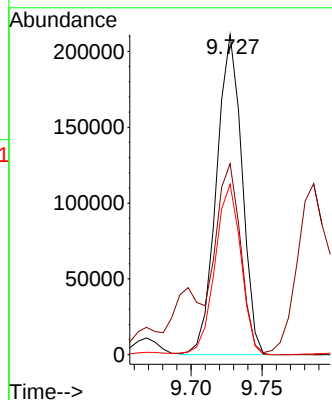
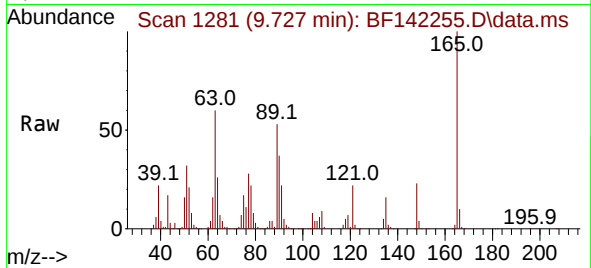




#51
2,6-Dinitrotoluene
Concen: 45.692 ng
RT: 9.727 min Scan# 1281
Delta R.T. -0.001 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

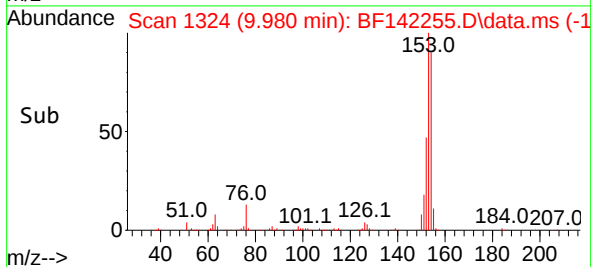
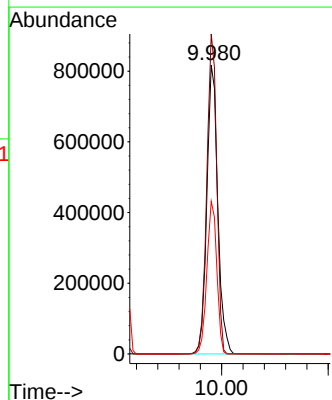
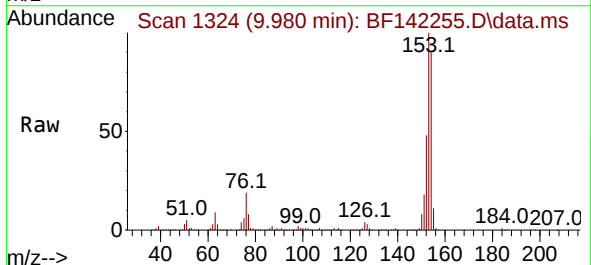
Instrument :
BNA_F
ClientSampleId :
PB167810BS

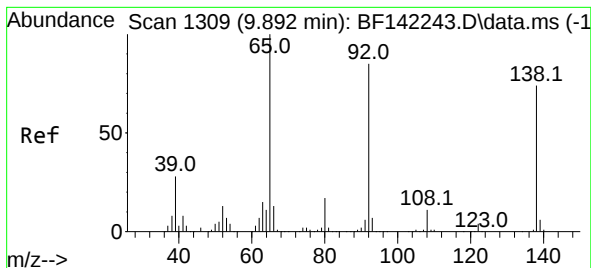
Tgt Ion:165 Resp: 263569
Ion Ratio Lower Upper
165 100
63 59.7 48.5 72.7
89 53.2 43.9 65.9



#52
Acenaphthene
Concen: 43.261 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:154 Resp: 1164359
Ion Ratio Lower Upper
154 100
153 110.8 88.6 133.0
152 52.8 42.1 63.1





#53

3-Nitroaniline

Concen: 16.287 ng

RT: 9.892 min Scan# 1309

Delta R.T. 0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

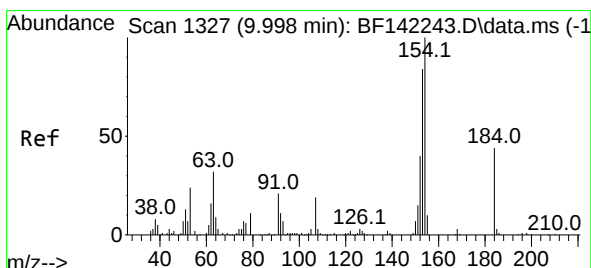
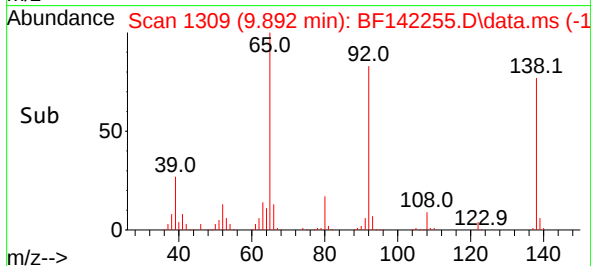
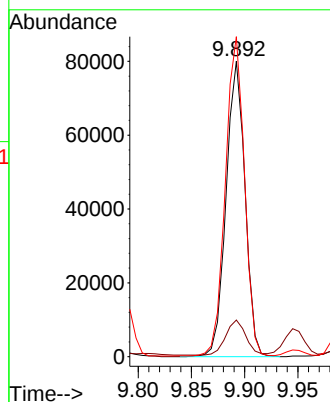
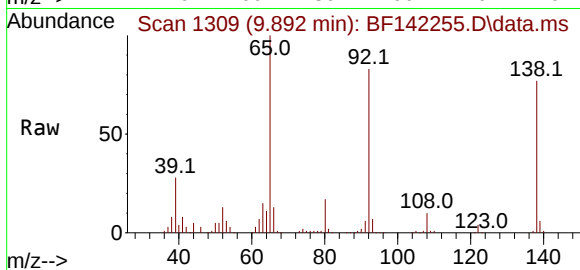
Tgt Ion:138 Resp: 98911

Ion Ratio Lower Upper

138 100

108 12.4 11.7 17.5

92 108.3 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 90.602 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

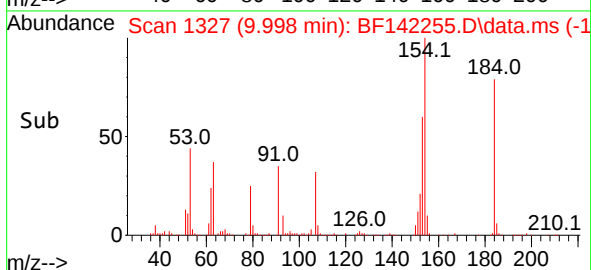
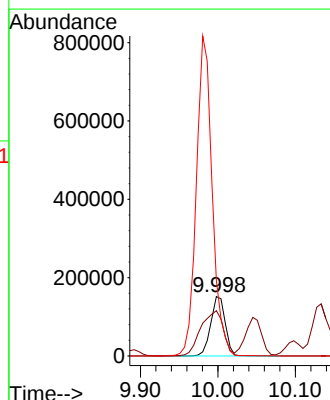
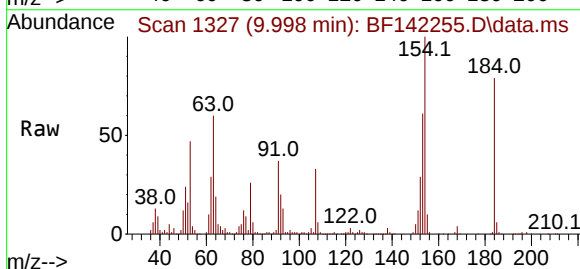
Tgt Ion:184 Resp: 196654

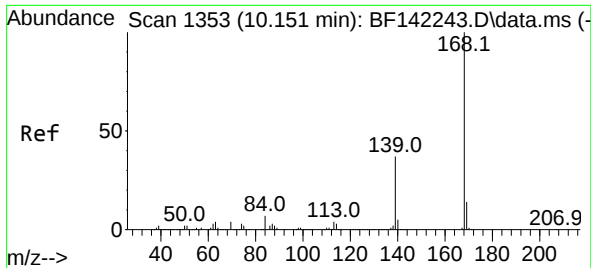
Ion Ratio Lower Upper

184 100

63 76.2 69.2 103.8

154 127.3 271.4 407.2#

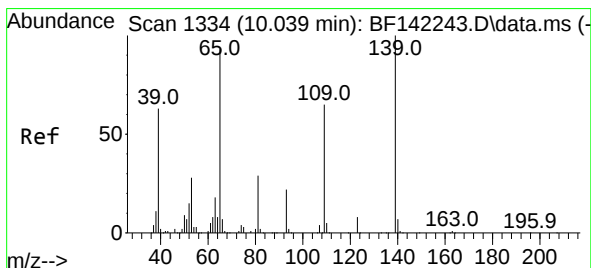
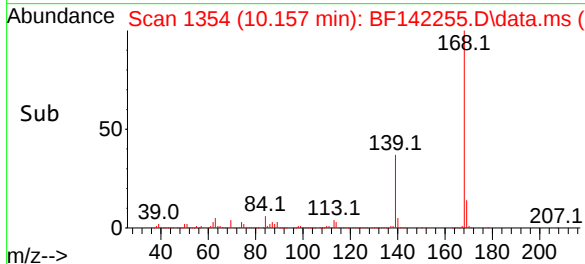
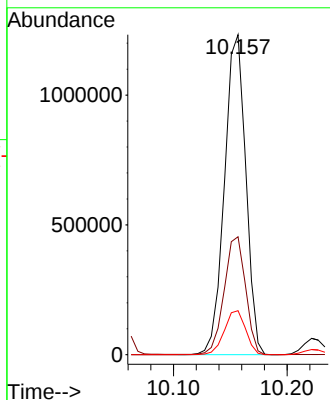
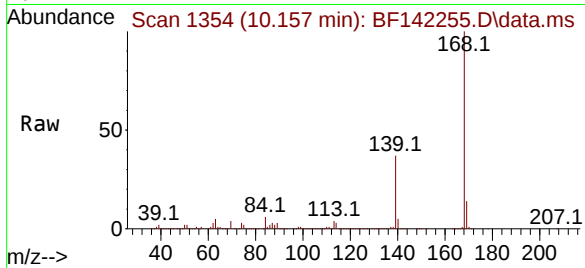




#55
Dibenzenofuran
Concen: 39.818 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

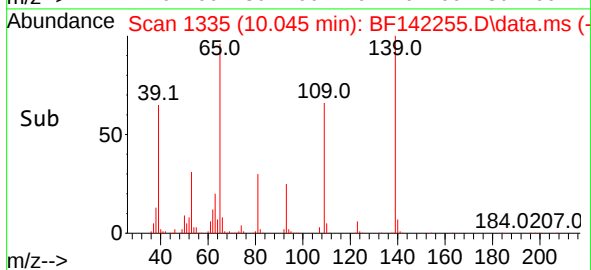
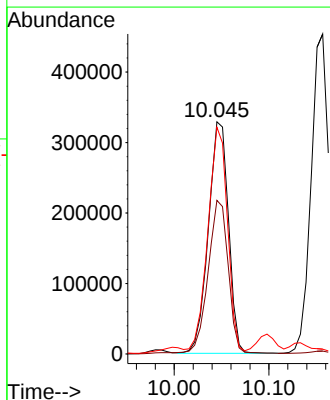
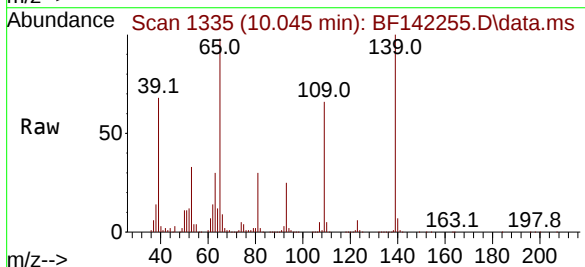
Instrument :
BNA_F
ClientSampleId :
PB167810BS

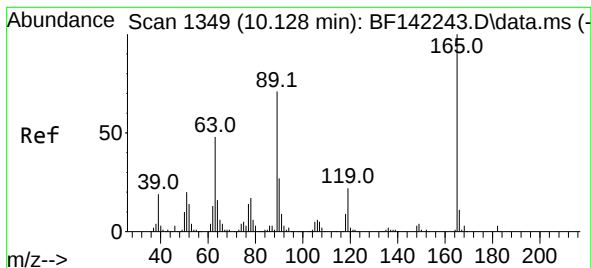
Tgt Ion:168 Resp: 1606504
Ion Ratio Lower Upper
168 100
139 36.8 29.4 44.0
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 101.975 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:139 Resp: 484293
Ion Ratio Lower Upper
139 100
109 66.2 44.9 84.9
65 97.6 74.7 114.7

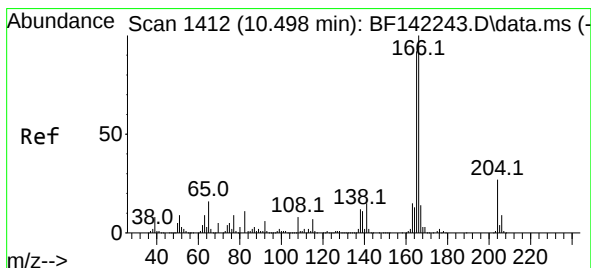
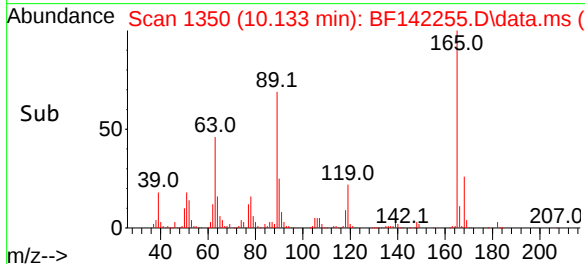
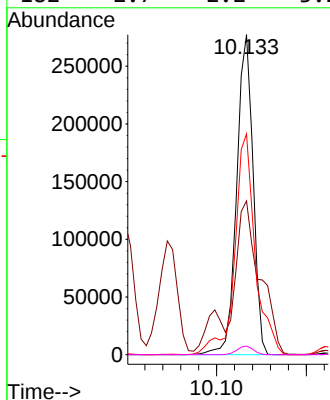
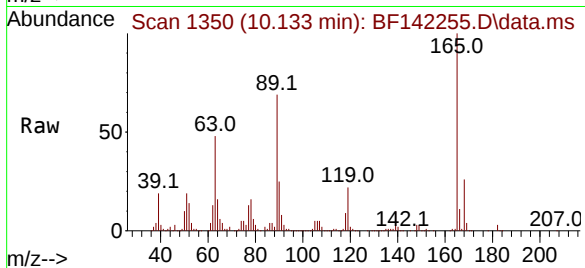




#57
2,4-Dinitrotoluene
Concen: 49.818 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

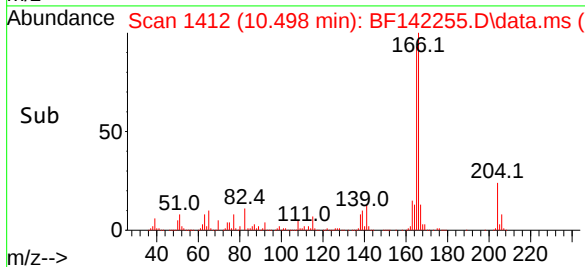
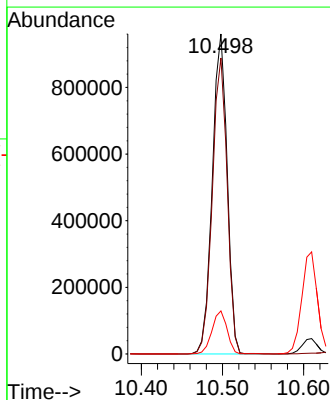
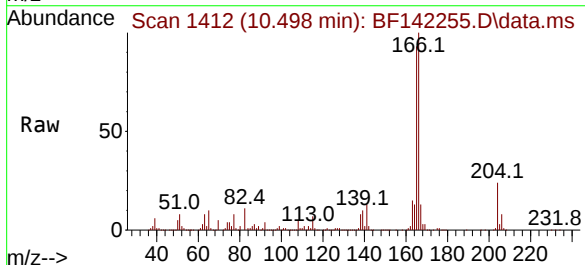
Instrument :
BNA_F
ClientSampleId :
PB167810BS

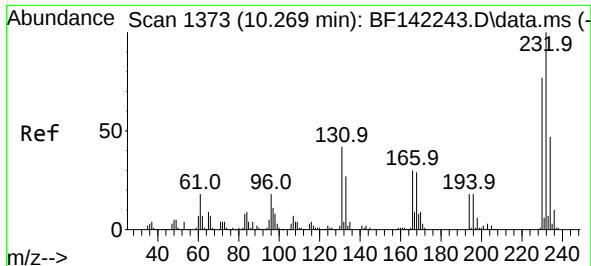
Tgt Ion:165 Resp: 350987
Ion Ratio Lower Upper
165 100
63 48.1 38.8 58.2
89 69.0 57.1 85.7
182 2.7 2.2 3.2



#58
Fluorene
Concen: 39.832 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

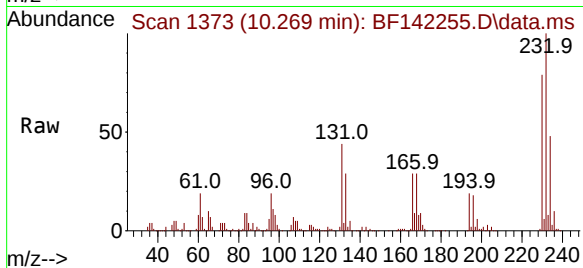
Tgt Ion:166 Resp: 1221943
Ion Ratio Lower Upper
166 100
165 92.5 73.9 110.9
167 13.5 10.8 16.2



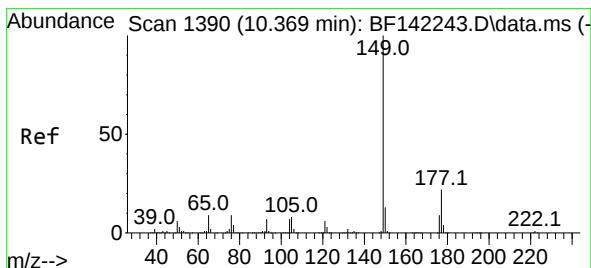
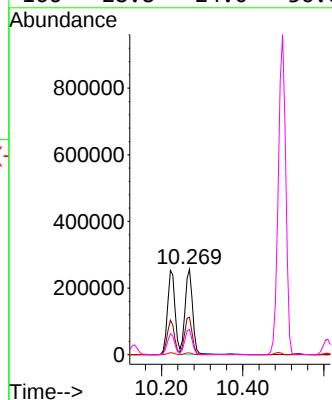
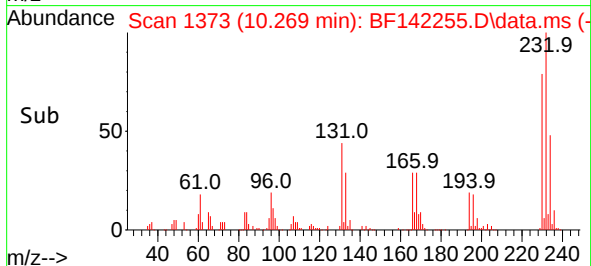


#59
2,3,4,6-Tetrachlorophenol
Concen: 46.019 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

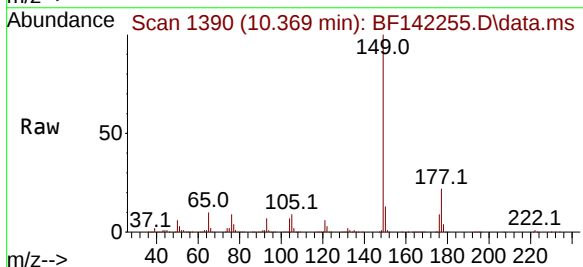
Instrument :
BNA_F
ClientSampleId :
PB167810BS



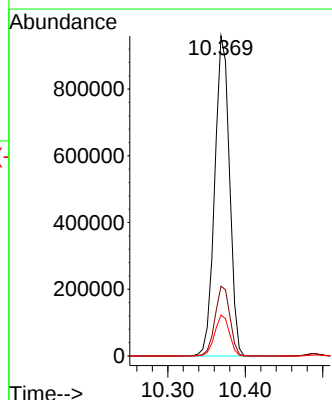
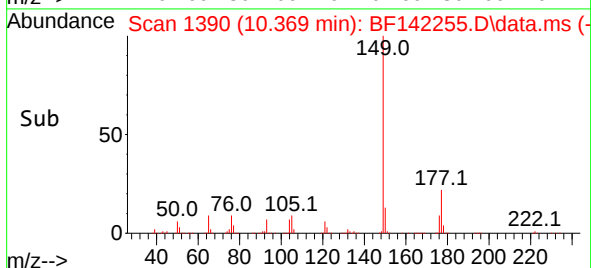
Tgt Ion:232 Resp: 330098
Ion Ratio Lower Upper
232 100
131 44.4 35.9 53.9
130 2.1 1.8 2.6
166 28.8 24.0 36.0

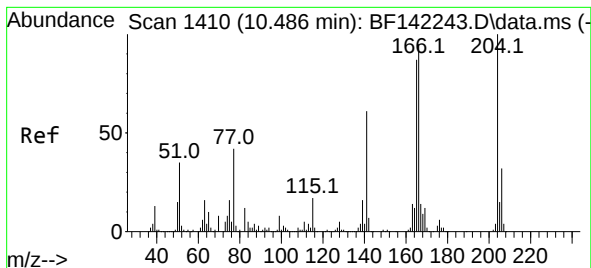


#60
Diethylphthalate
Concen: 42.490 ng
RT: 10.369 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39



Tgt Ion:149 Resp: 1267747
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.2 15.2

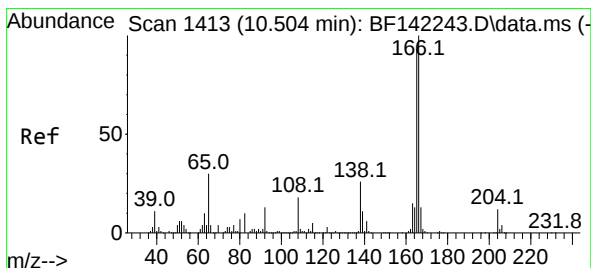
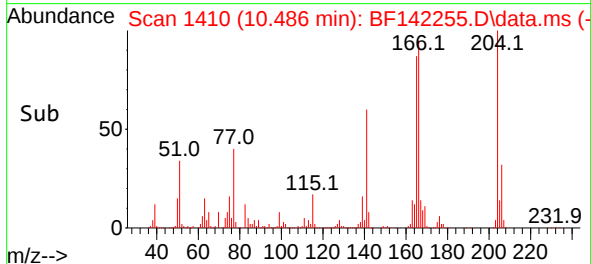
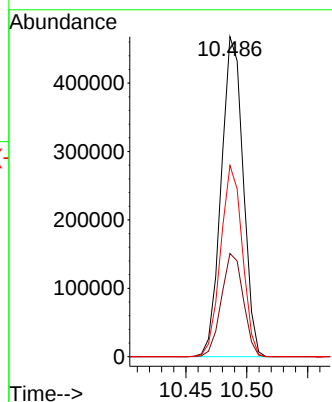
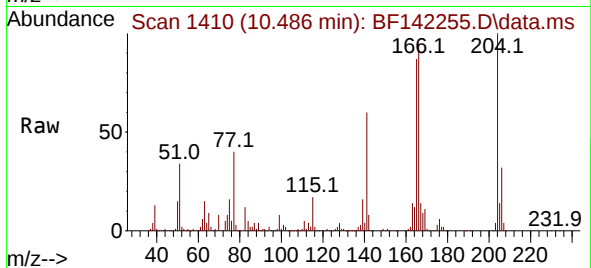




#61
4-Chlorophenyl-phenylether
Concen: 40.172 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

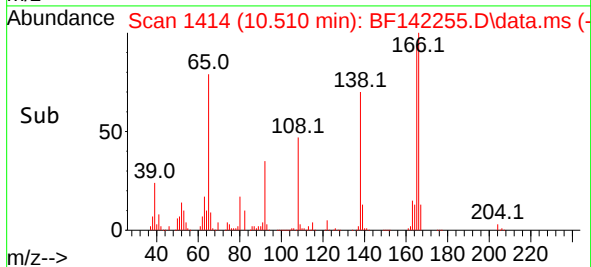
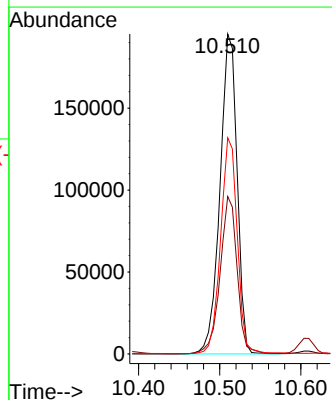
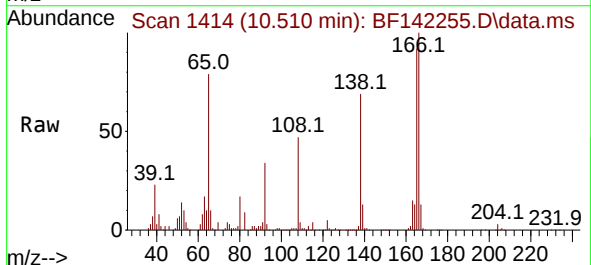
Instrument :
BNA_F
ClientSampleId :
PB167810BS

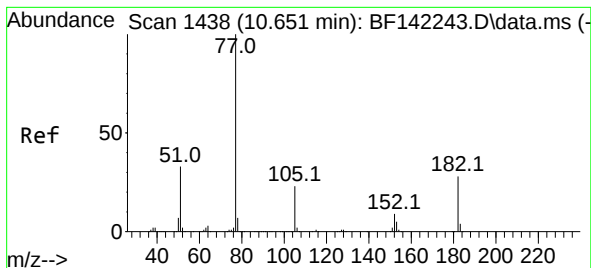
Tgt Ion:204 Resp: 585254
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 59.8 48.9 73.3



#62
4-Nitroaniline
Concen: 44.888 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:138 Resp: 286425
Ion Ratio Lower Upper
138 100
92 49.2 29.2 69.2
108 67.6 49.1 89.1





#63

Azobenzene

Concen: 41.009 ng

RT: 10.651 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

Tgt Ion: 77 Resp: 1208231

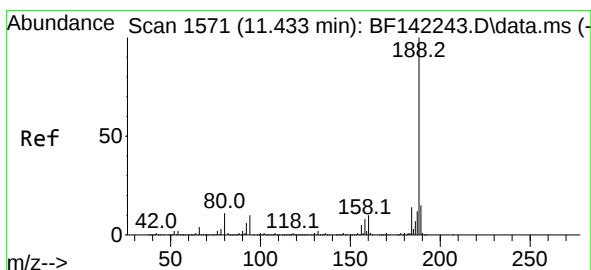
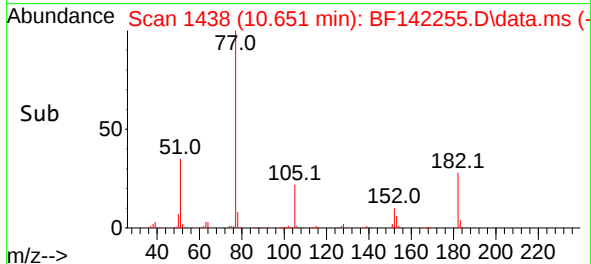
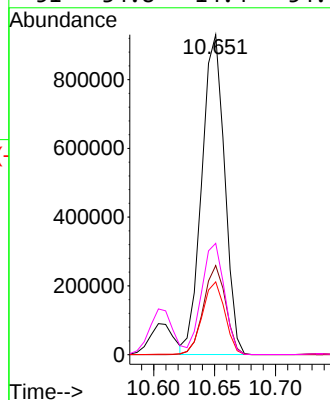
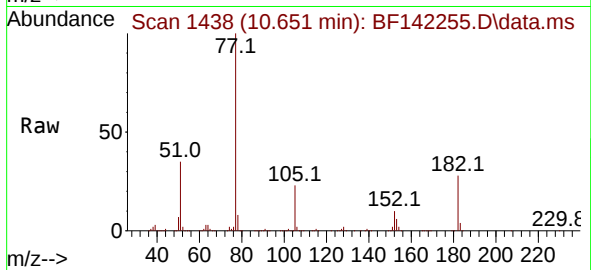
Ion Ratio Lower Upper

77 100

182 27.8 7.3 47.3

105 22.7 2.5 42.5

51 34.8 14.4 54.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

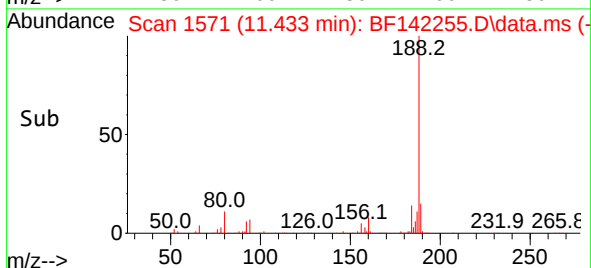
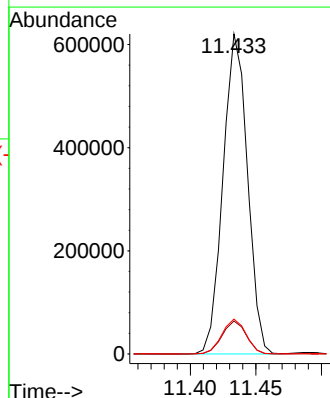
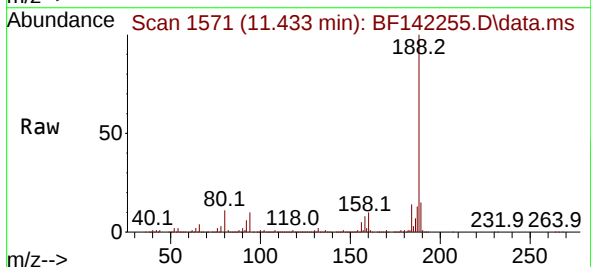
Tgt Ion: 188 Resp: 804874

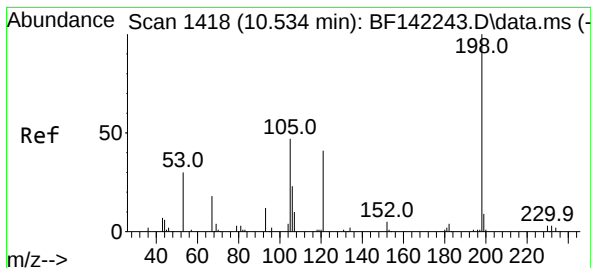
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 10.9 8.6 12.8

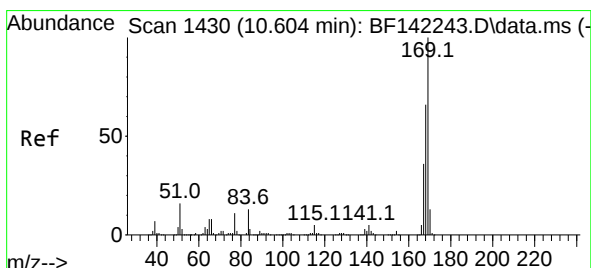
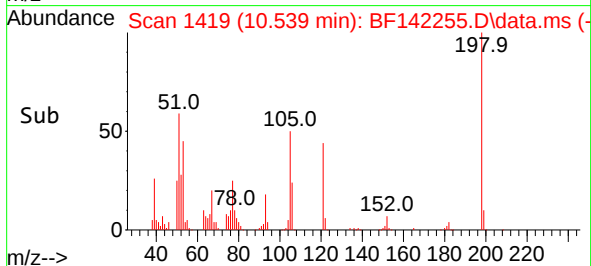
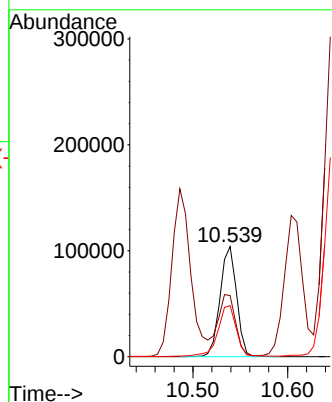
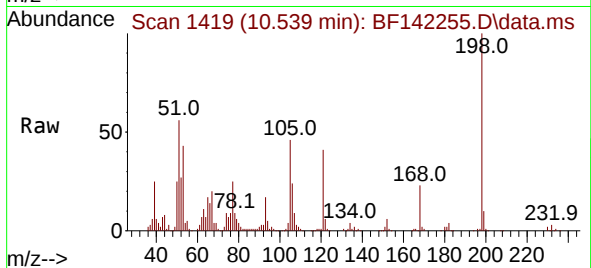




#65
4,6-Dinitro-2-methylphenol
Concen: 47.699 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

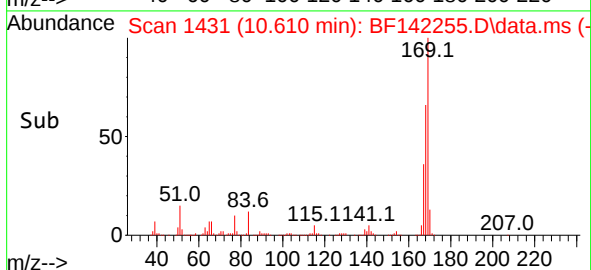
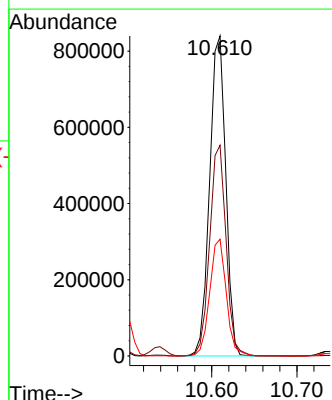
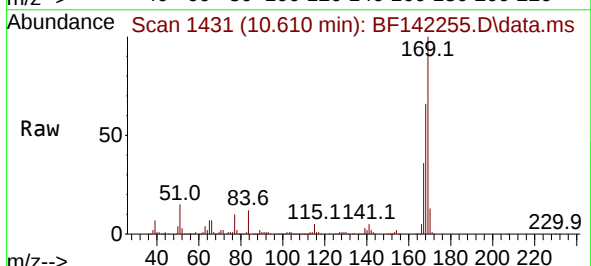
Instrument :
BNA_F
ClientSampleId :
PB167810BS

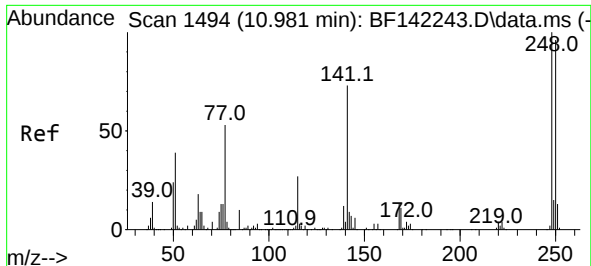
Tgt Ion:198 Resp: 126239
Ion Ratio Lower Upper
198 100
51 55.6 40.6 80.6
105 46.4 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 40.164 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:169 Resp: 1104532
Ion Ratio Lower Upper
169 100
168 65.8 53.0 79.6
167 36.5 28.8 43.2

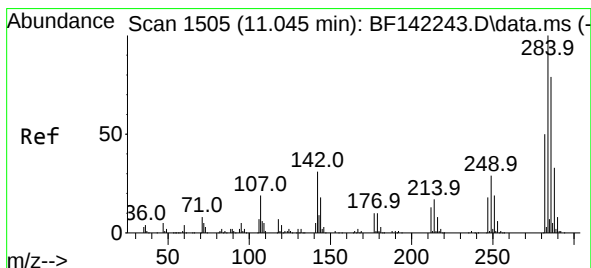
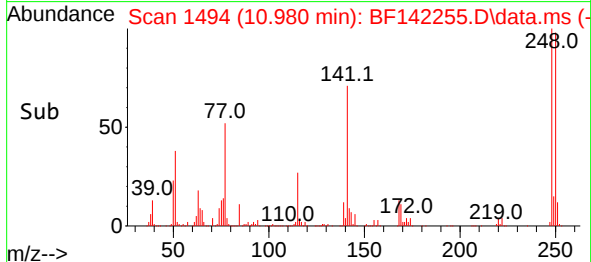
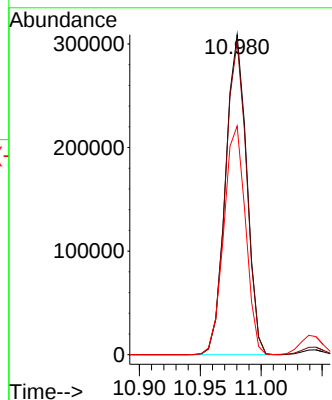
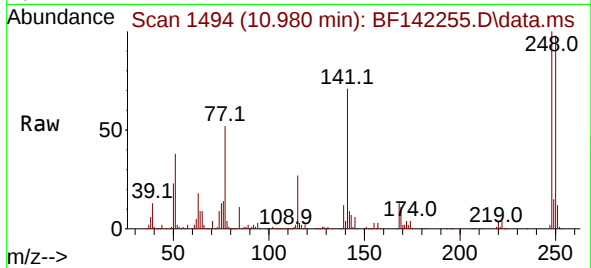




#67
4-Bromophenyl-phenylether
Concen: 41.655 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

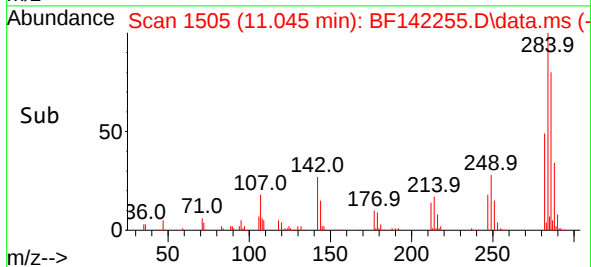
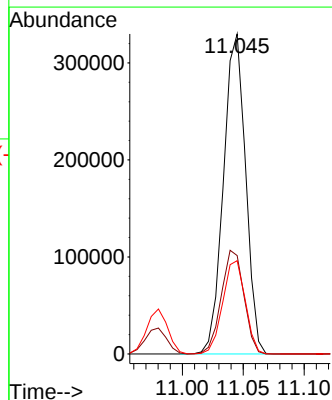
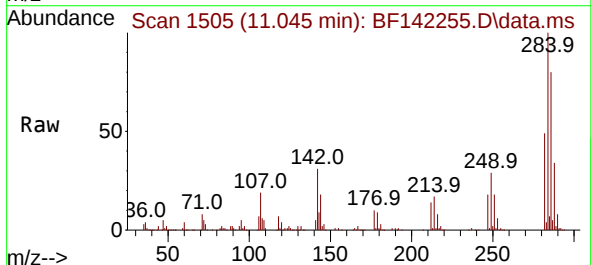
Instrument :
BNA_F
ClientSampleId :
PB167810BS

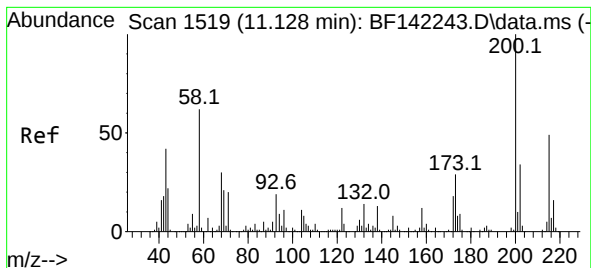
Tgt Ion:248 Resp: 373384
Ion Ratio Lower Upper
248 100
250 97.9 77.2 115.8
141 71.4 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.636 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:284 Resp: 417991
Ion Ratio Lower Upper
284 100
142 30.8 24.6 37.0
249 29.2 23.2 34.8





#69

Atrazine

Concen: 45.827 ng

RT: 11.133 min Scan# 1520

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

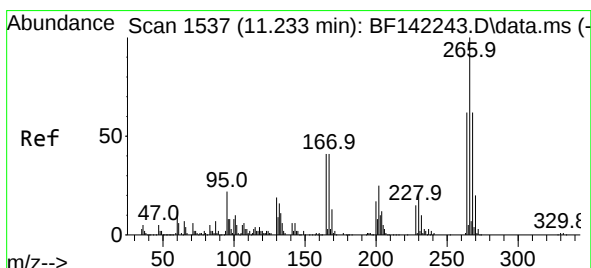
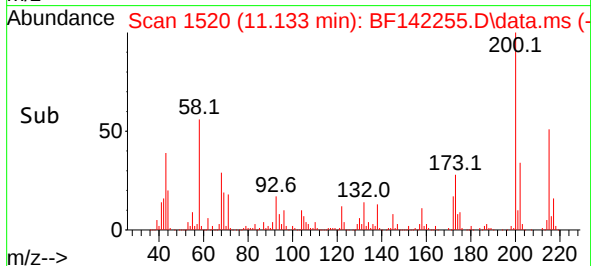
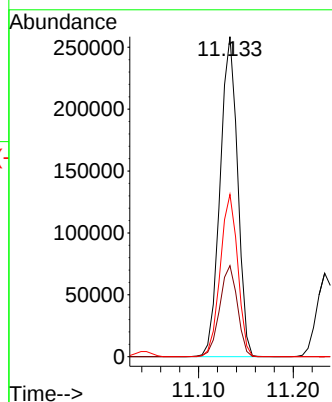
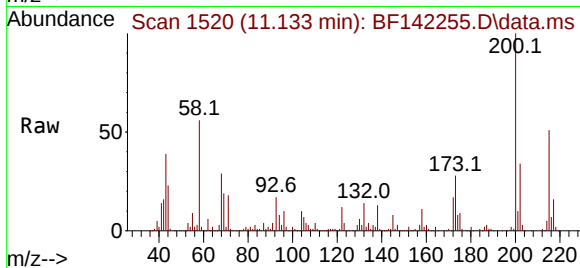
Tgt Ion:200 Resp: 332195

Ion Ratio Lower Upper

200 100

173 28.5 8.6 48.6

215 50.7 28.5 68.5



#70

Pentachlorophenol

Concen: 93.418 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

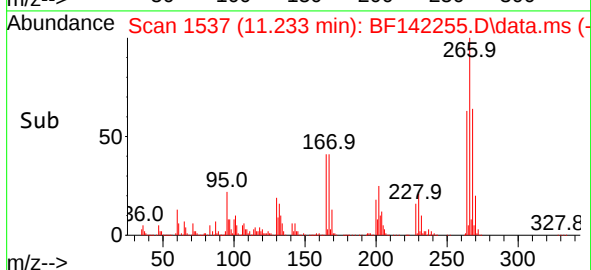
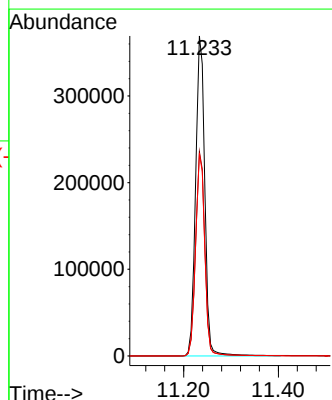
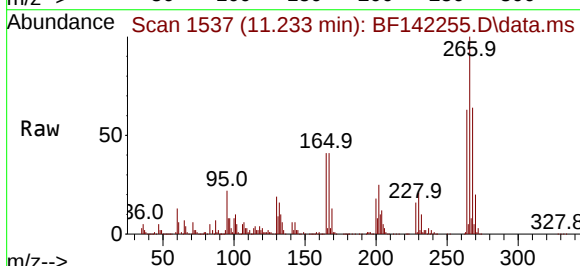
Tgt Ion:266 Resp: 495448

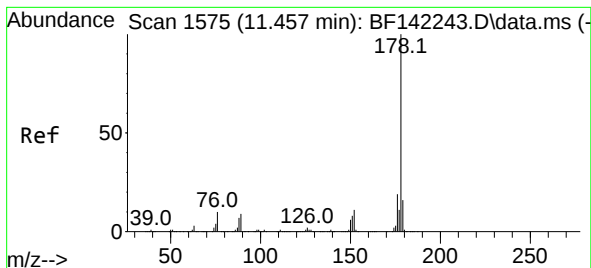
Ion Ratio Lower Upper

266 100

268 63.8 50.0 75.0

264 63.3 49.3 73.9





#71

Phenanthrene

Concen: 40.041 ng

RT: 11.463 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

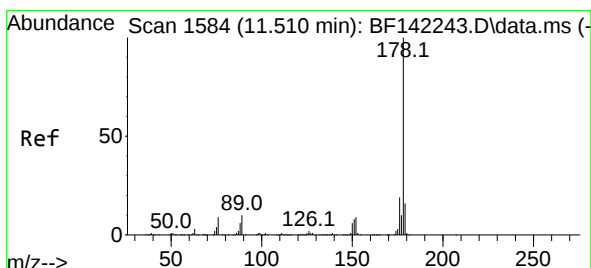
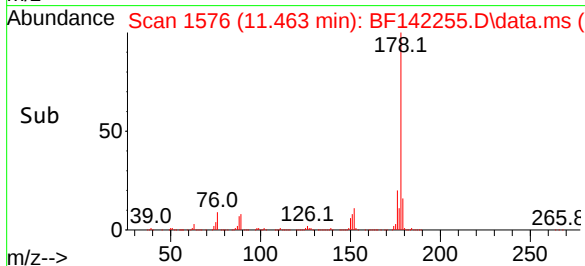
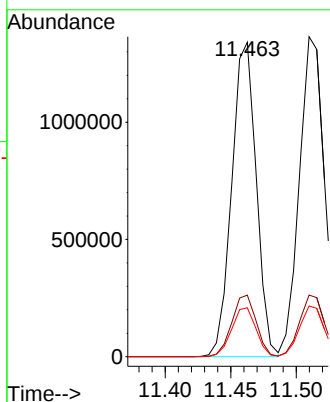
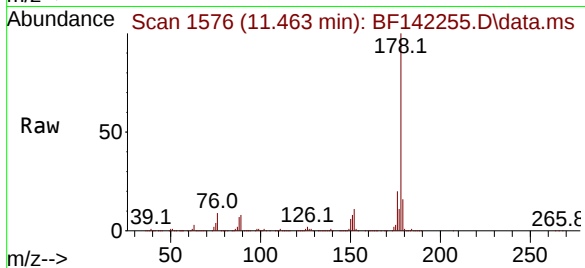
Tgt Ion:178 Resp: 1740817

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

179 15.5 12.6 19.0



#72

Anthracene

Concen: 40.180 ng

RT: 11.510 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

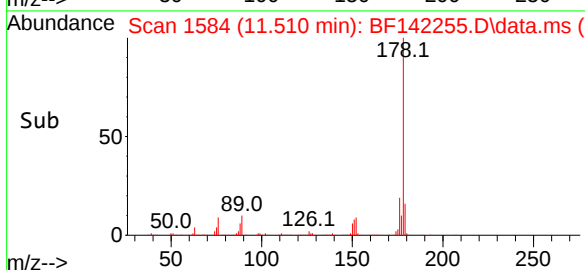
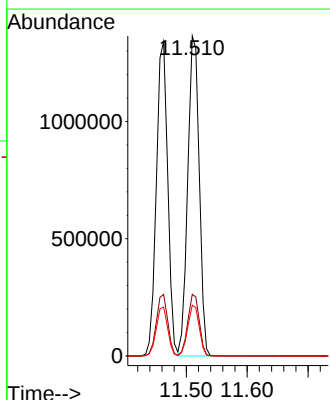
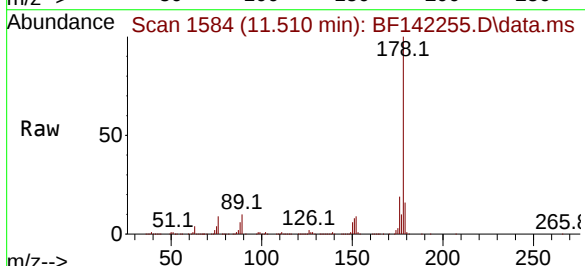
Tgt Ion:178 Resp: 1786049

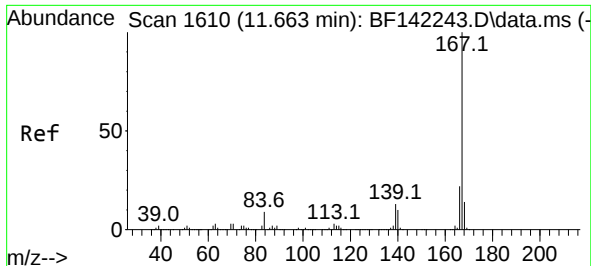
Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 15.9 12.7 19.1



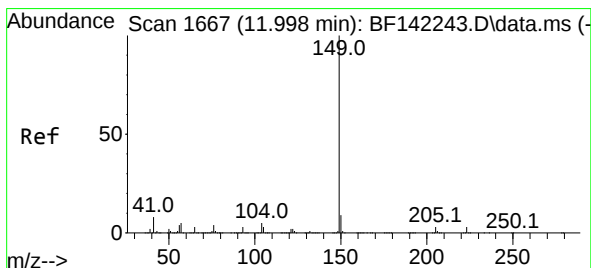
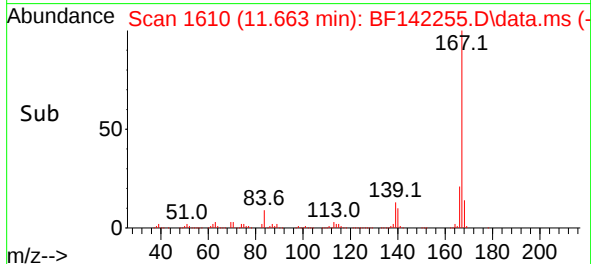
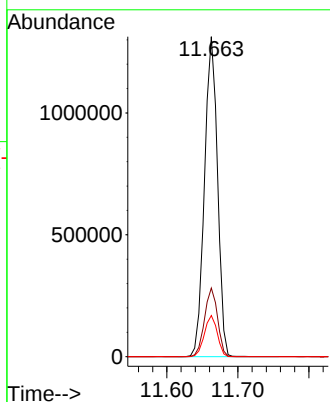
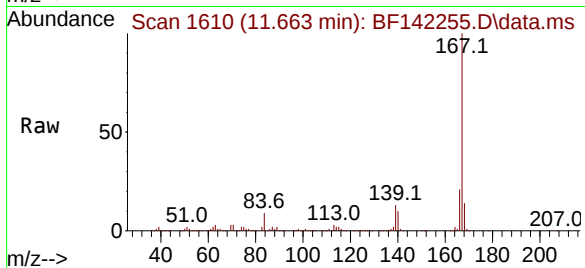


#73
 Carbazole
 Concen: 41.368 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142255.D
 Acq: 01 May 2025 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BS

Tgt Ion:167 Resp: 1677441

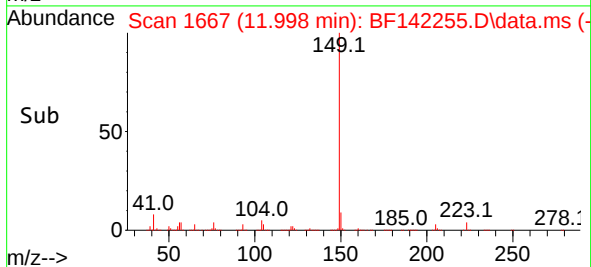
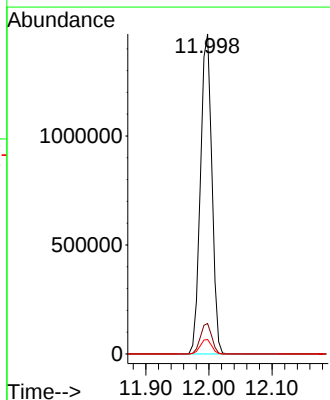
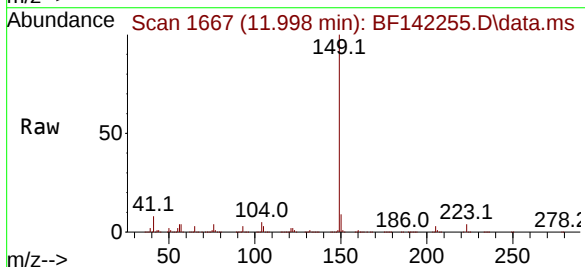
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.9	10.3	15.5

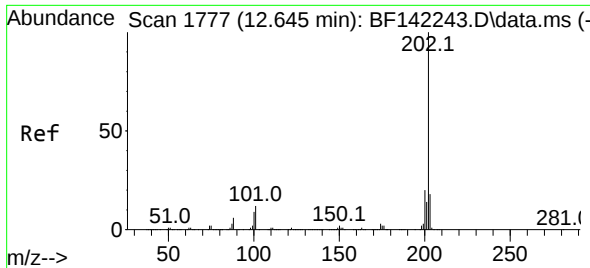


#74
 Di-n-butylphthalate
 Concen: 45.113 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142255.D
 Acq: 01 May 2025 12:39

Tgt Ion:149 Resp: 1839790

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.5	3.6	5.4

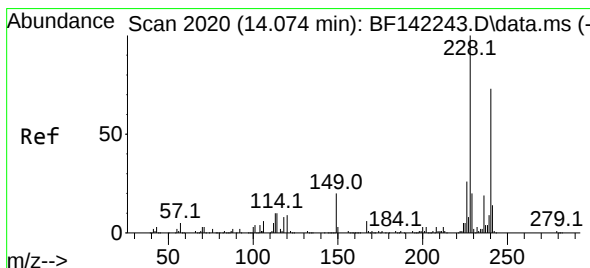
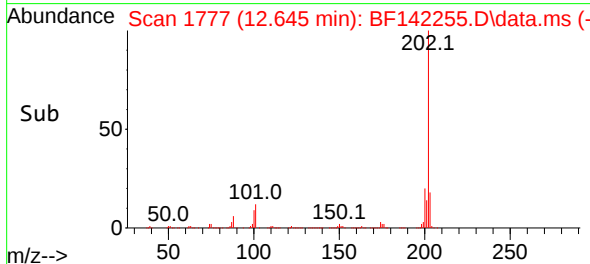
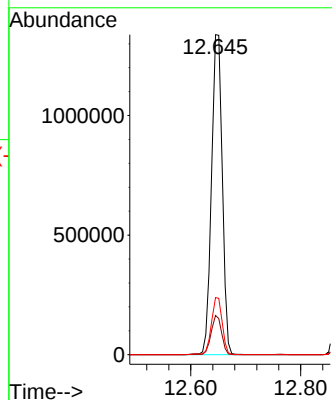
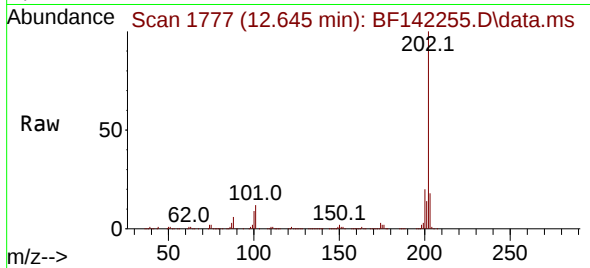




#75
Fluoranthene
Concen: 42.331 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

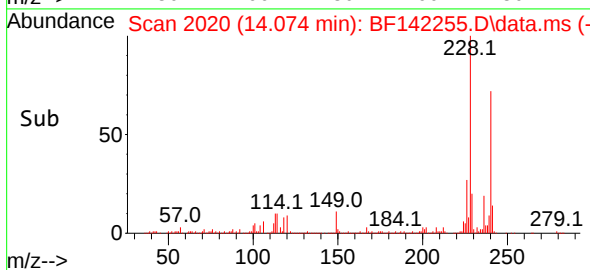
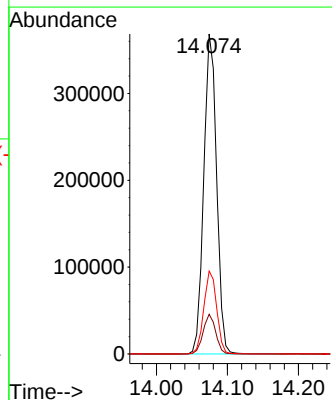
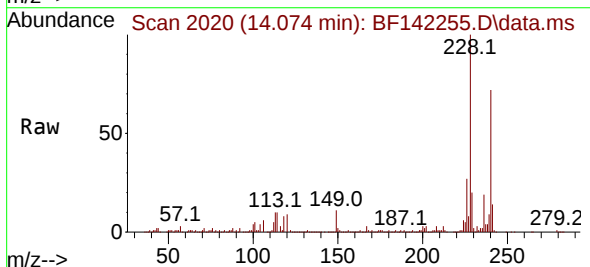
Instrument :
BNA_F
ClientSampleId :
PB167810BS

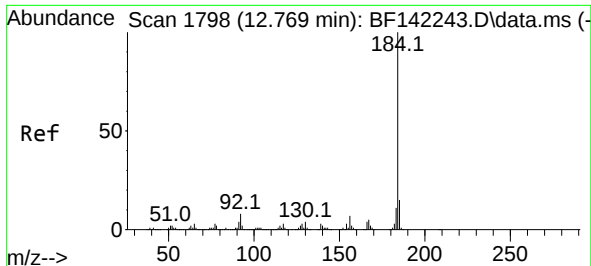
Tgt Ion:202 Resp: 1819275
Ion Ratio Lower Upper
202 100
101 12.3 0.0 32.4
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:240 Resp: 464382
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 25.9 20.5 30.7

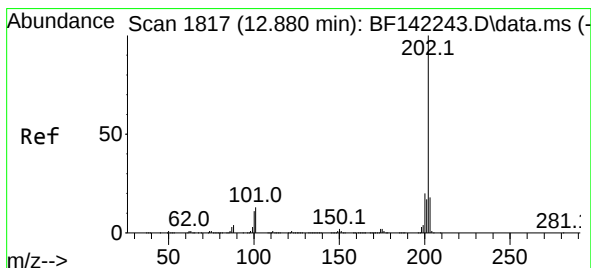
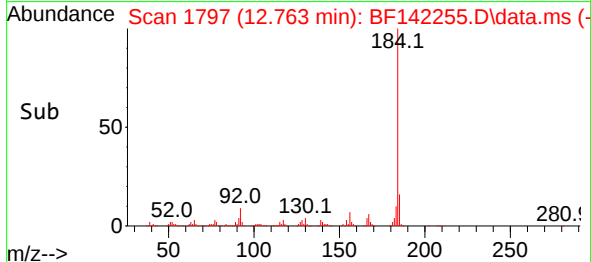
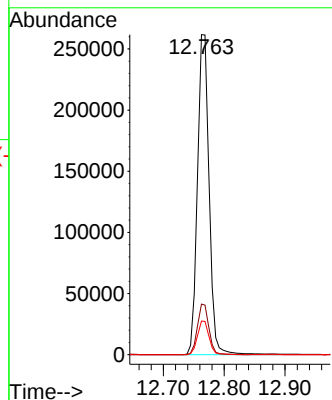
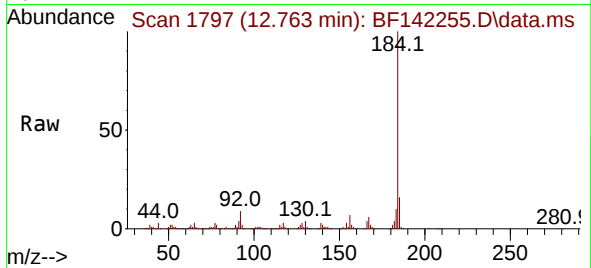




#77
Benzidine
Concen: 17.635 ng
RT: 12.763 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

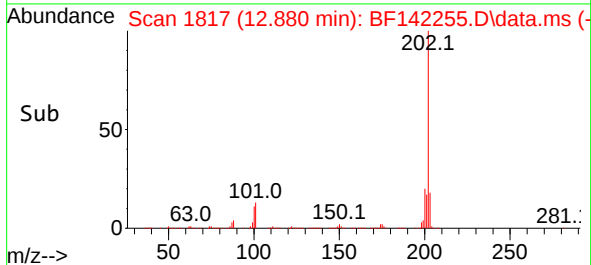
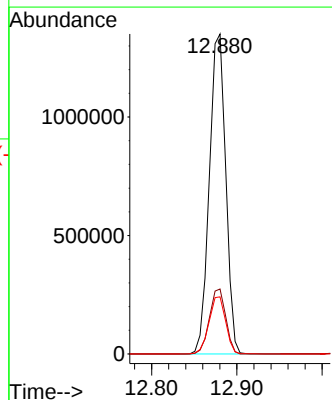
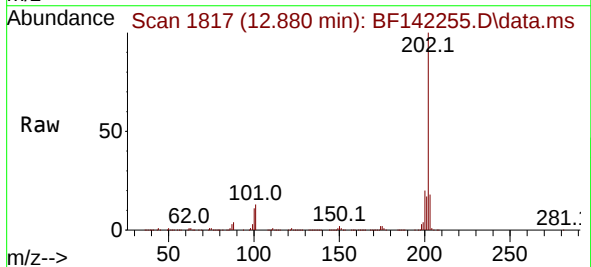
Instrument :
BNA_F
ClientSampleId :
PB167810BS

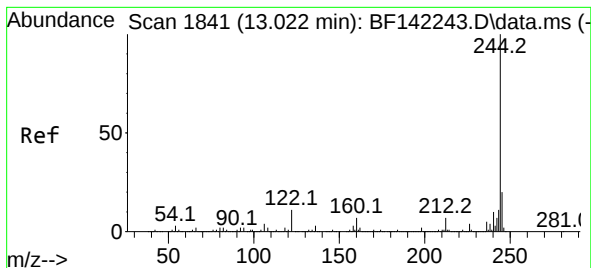
Tgt Ion:184 Resp: 347980
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.6
183 10.5 8.9 13.3



#78
Pyrene
Concen: 42.103 ng
RT: 12.880 min Scan# 1817
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:202 Resp: 1803569
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.9 14.1 21.1





#79

Terphenyl-d14

Concen: 74.104 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

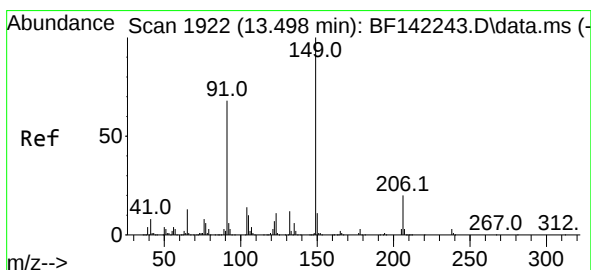
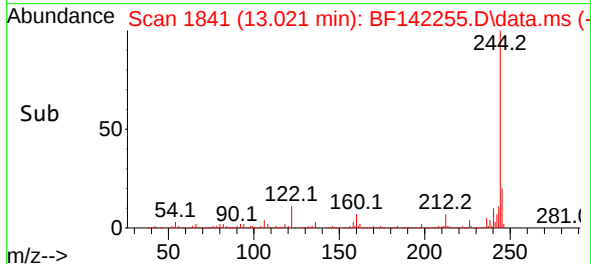
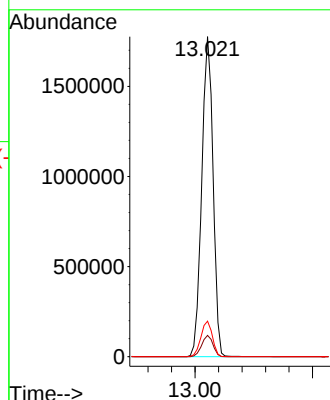
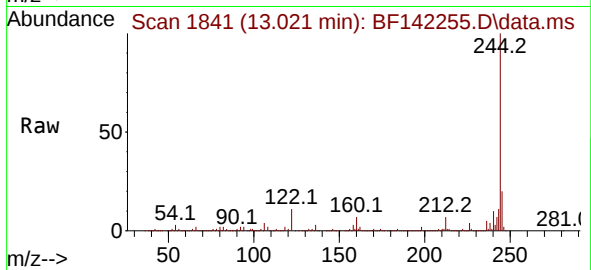
Tgt Ion:244 Resp: 2366082

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 11.1 9.1 13.7



#80

Butylbenzylphthalate

Concen: 45.667 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

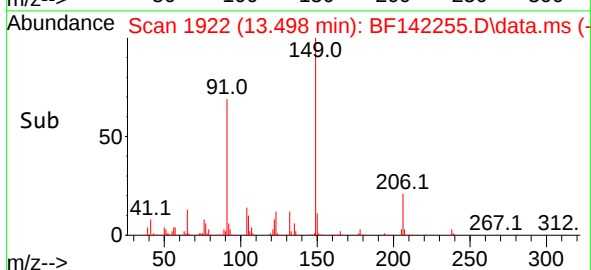
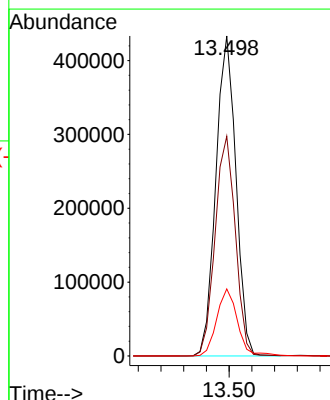
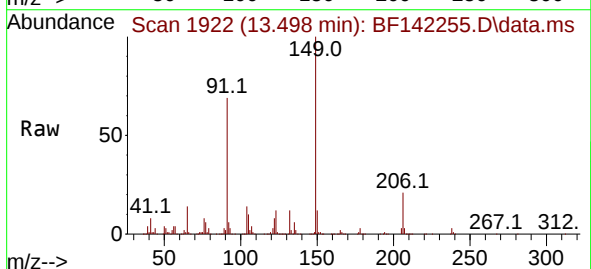
Tgt Ion:149 Resp: 532587

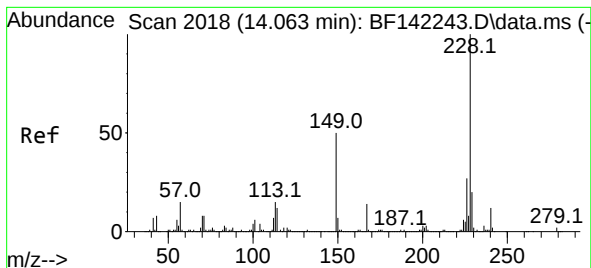
Ion Ratio Lower Upper

149 100

91 68.7 54.4 81.6

206 20.9 15.9 23.9





#81

Benzo(a)anthracene

Concen: 42.672 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

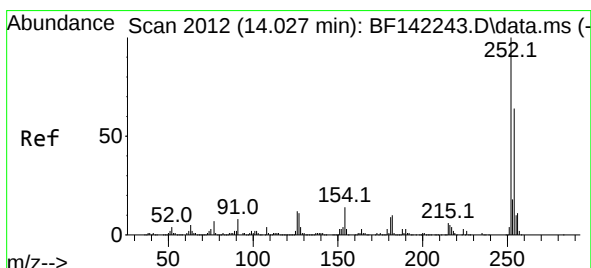
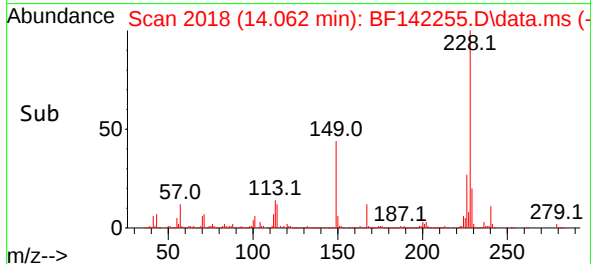
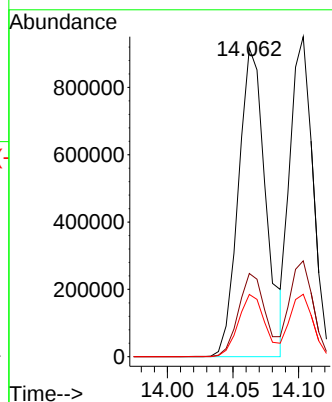
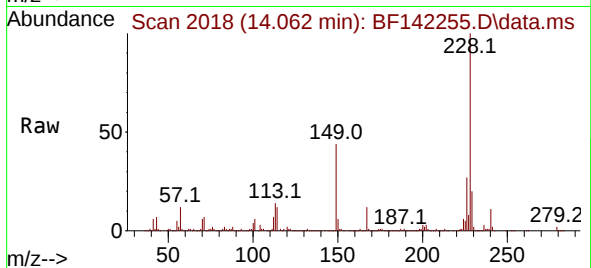
Tgt Ion:228 Resp: 1330282

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.154 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

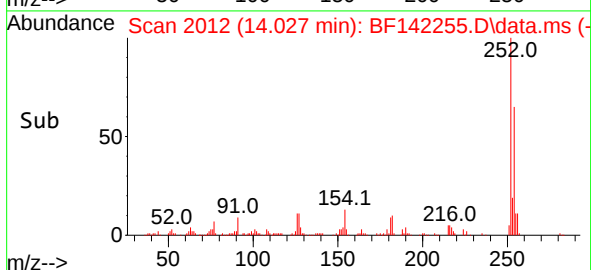
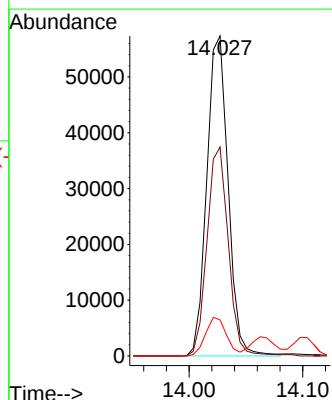
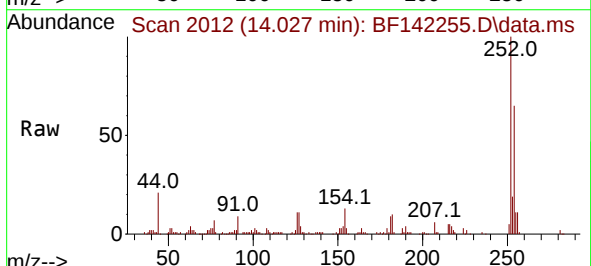
Tgt Ion:252 Resp: 74664

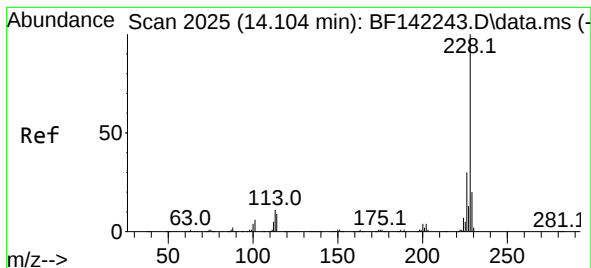
Ion Ratio Lower Upper

252 100

254 65.3 51.0 76.6

126 11.3 9.4 14.2





#83

Chrysene

Concen: 40.631 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

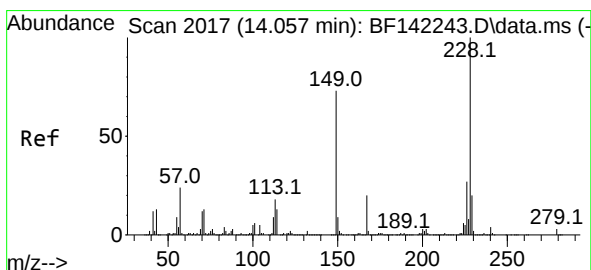
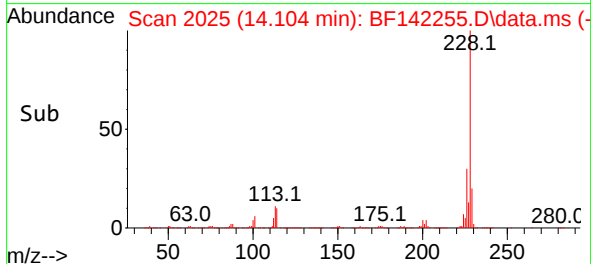
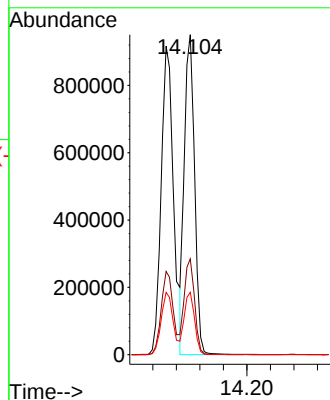
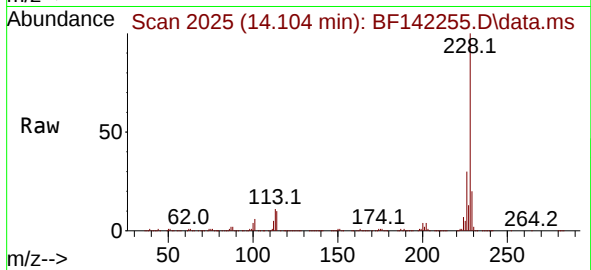
Tgt Ion:228 Resp: 1152993

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.646 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

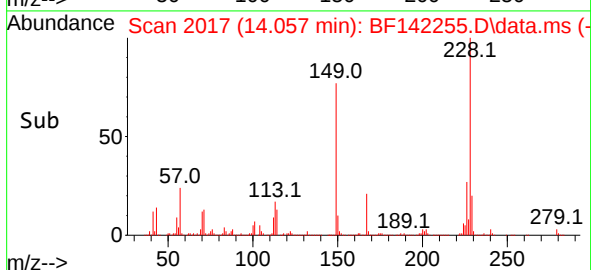
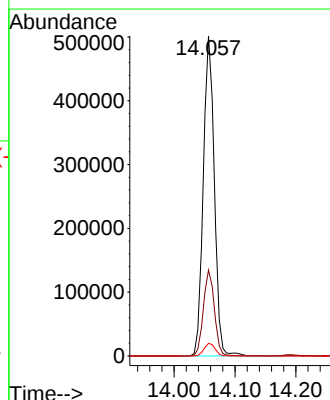
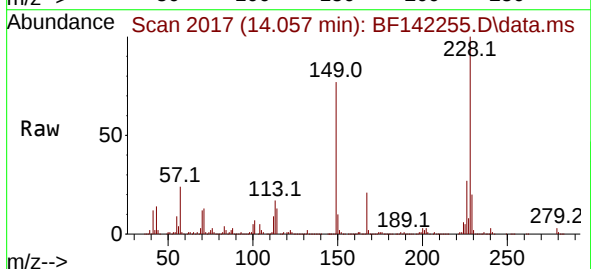
Tgt Ion:149 Resp: 632694

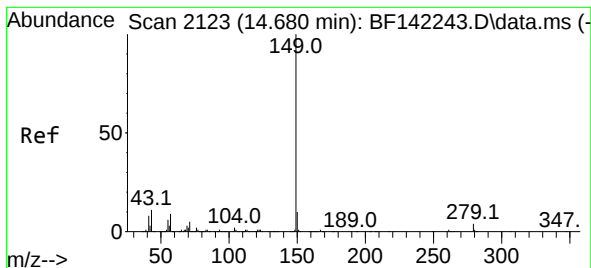
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 4.0 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 39.690 ng

RT: 14.674 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

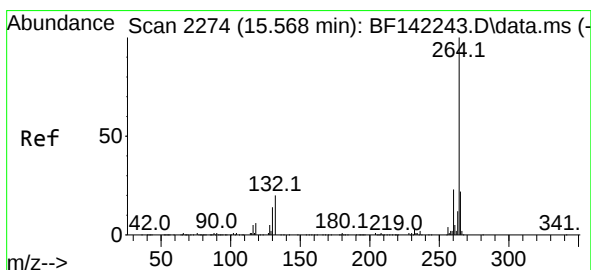
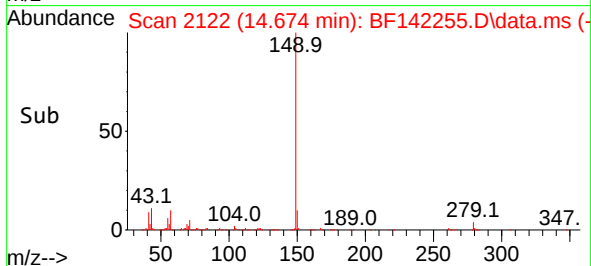
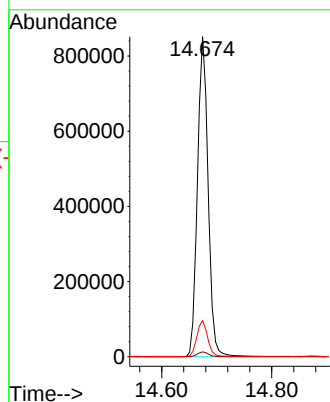
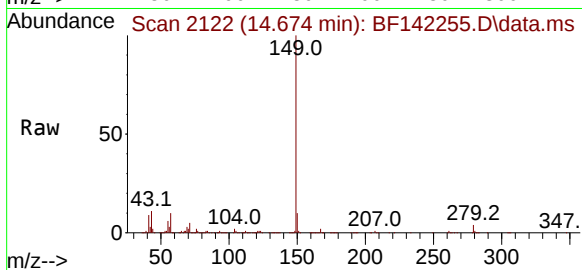
Tgt Ion:149 Resp: 1144596

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.5 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

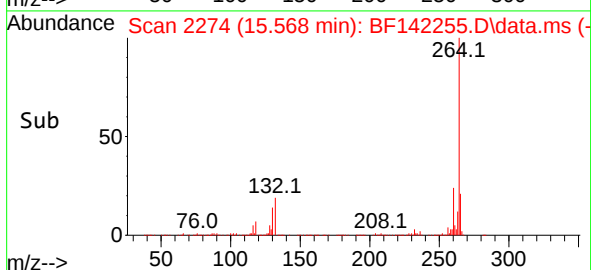
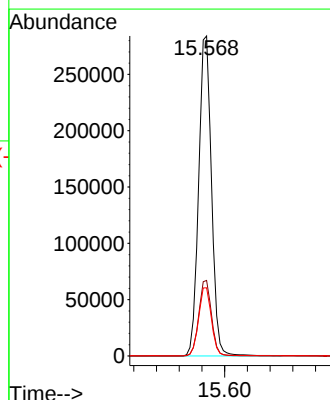
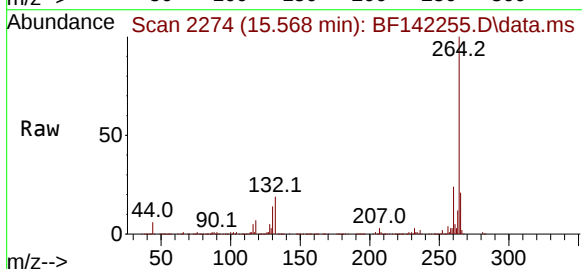
Tgt Ion:264 Resp: 446826

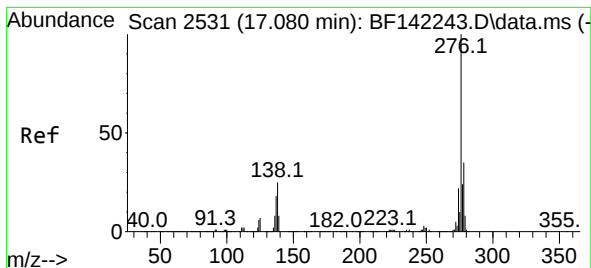
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.3 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.010 ng

RT: 17.080 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

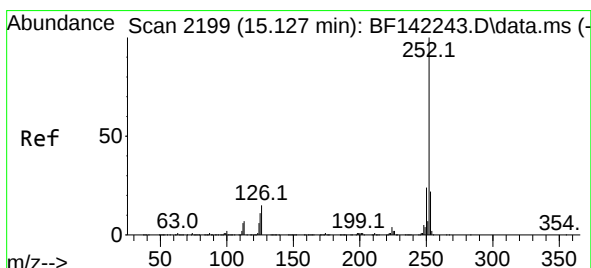
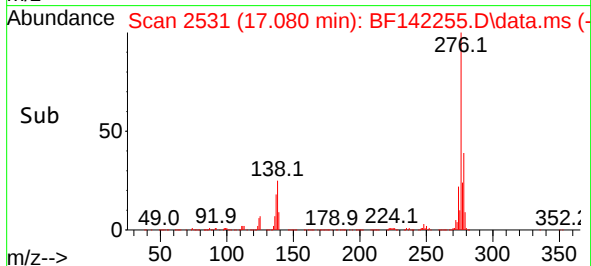
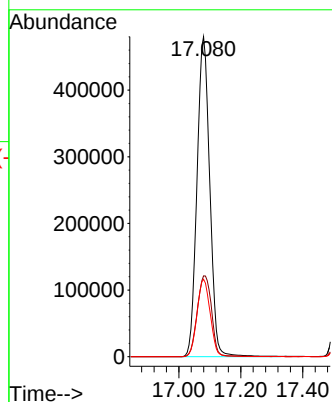
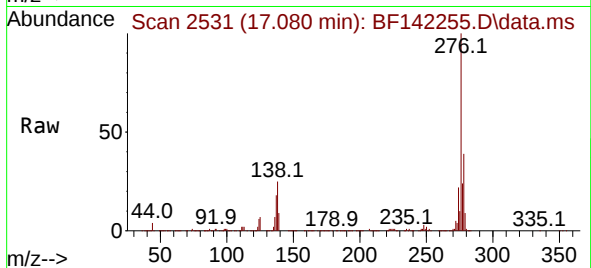
Tgt Ion:276 Resp: 1374940

Ion Ratio Lower Upper

276 100

138 28.3 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 43.510 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

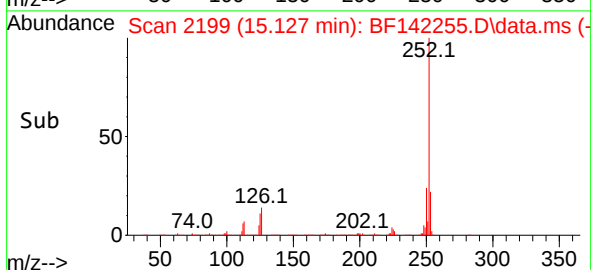
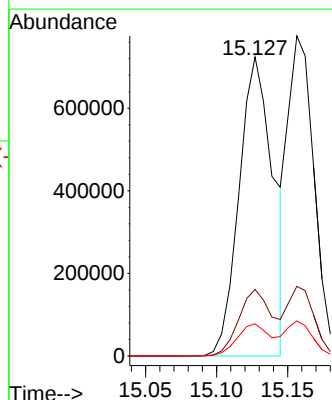
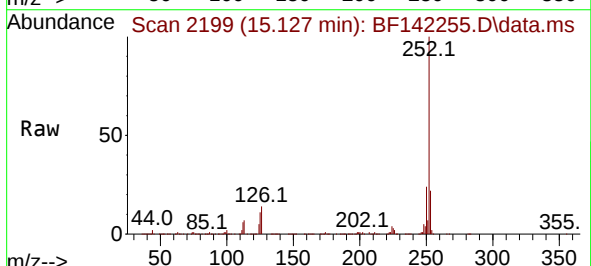
Tgt Ion:252 Resp: 1207610

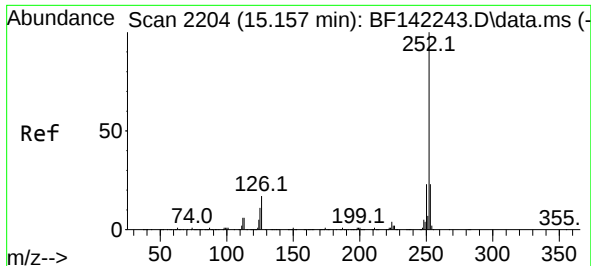
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.7 9.0 13.4





#89

Benzo(k)fluoranthene

Concen: 39.540 ng

RT: 15.156 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

Instrument :

BNA_F

ClientSampleId :

PB167810BS

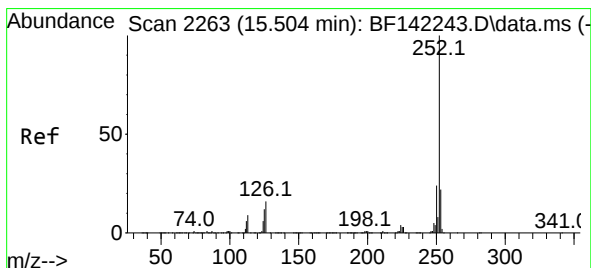
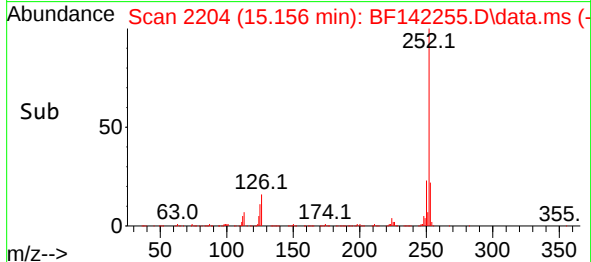
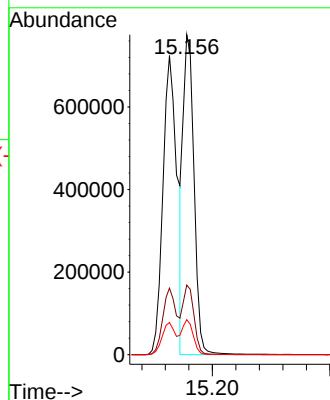
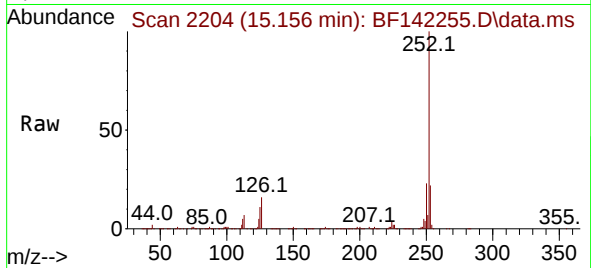
Tgt Ion:252 Resp: 1003805

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 11.0 9.0 13.6



#90

Benzo(a)pyrene

Concen: 42.227 ng

RT: 15.504 min Scan# 2263

Delta R.T. -0.000 min

Lab File: BF142255.D

Acq: 01 May 2025 12:39

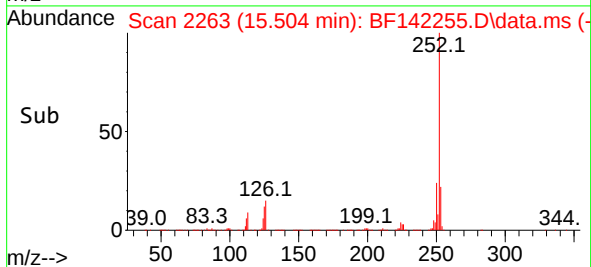
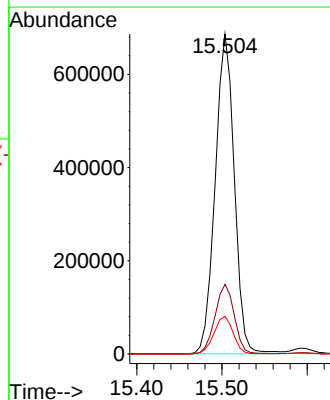
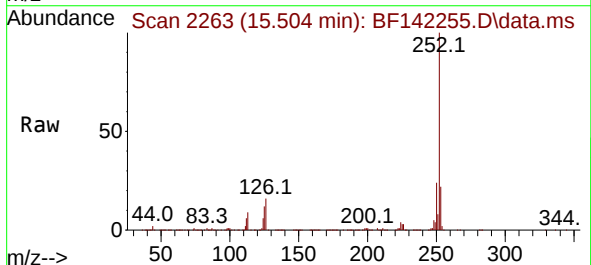
Tgt Ion:252 Resp: 1073003

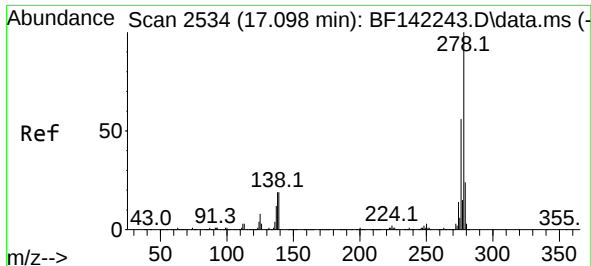
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 11.8 9.5 14.3

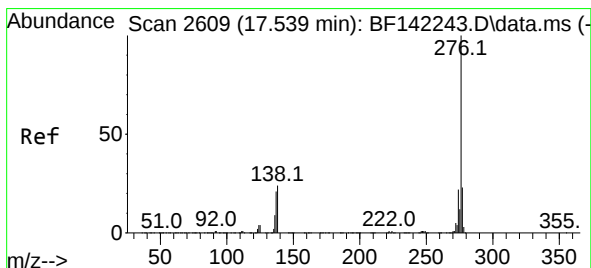
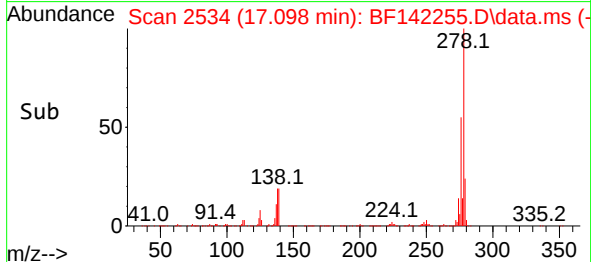
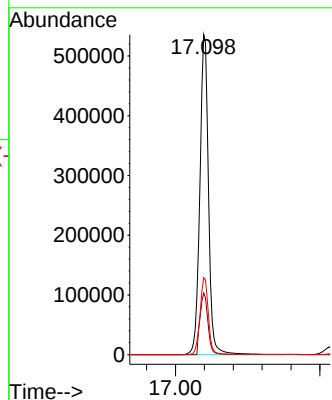
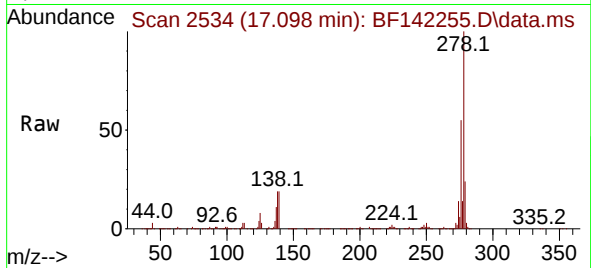




#91
Dibenzo(a,h)anthracene
Concen: 41.894 ng
RT: 17.098 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Instrument :
BNA_F
ClientSampleId :
PB167810BS

Tgt Ion:278 Resp: 1112811
Ion Ratio Lower Upper
278 100
139 19.3 15.2 22.8
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 42.026 ng
RT: 17.539 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BF142255.D
Acq: 01 May 2025 12:39

Tgt Ion:276 Resp: 1122234
Ion Ratio Lower Upper
276 100
277 23.8 18.7 28.1
138 24.4 19.4 29.0

