

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142245.D
 Acq On : 30 Apr 2025 14:15
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:46:00 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 15:28:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	187963	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730767	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	379270	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	624729	20.000	ng	0.00
76) Chrysene-d12	14.080	240	328990	20.000	ng	0.00
86) Perylene-d12	15.568	264	361305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1364962	115.976	ng	0.00
7) Phenol-d6	6.528	99	1663210	117.026	ng	0.00
23) Nitrobenzene-d5	7.475	82	1488103	133.783	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	447862	129.531	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	2777485	103.255	ng	0.00
79) Terphenyl-d14	13.022	244	2546694	112.585	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	312897	59.528	ng	99
3) Pyridine	3.469	79	823442	60.277	ng	98
4) n-Nitrosodimethylamine	3.422	42	431685	61.063	ng	98
6) Aniline	6.575	93	1184649	58.890	ng	100
8) 2-Chlorophenol	6.693	128	740327	60.874	ng	99
9) Benzaldehyde	6.463	77	559766	56.352	ng	98
10) Phenol	6.545	94	951380	62.183	ng	99
11) bis(2-Chloroethyl)ether	6.646	93	693997	58.532	ng	99
12) 1,3-Dichlorobenzene	6.851	146	787463	57.236	ng	99
13) 1,4-Dichlorobenzene	6.928	146	791509	57.102	ng	99
14) 1,2-Dichlorobenzene	7.081	146	764397	57.765	ng	99
15) Benzyl Alcohol	7.045	79	609871	60.504	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.187	45	1249716	58.370	ng	100
17) 2-Methylphenol	7.151	107	592171	59.438	ng	99
18) Hexachloroethane	7.428	117	275661	60.761	ng	99
19) n-Nitroso-di-n-propyla...	7.328	70	506389	57.660	ng	100
20) 3+4-Methylphenols	7.310	107	730966	58.670	ng	94
22) Acetophenone	7.322	105	943225	55.792	ng	97
24) Nitrobenzene	7.498	77	708847	64.948	ng	99
25) Isophorone	7.734	82	1371824	58.764	ng	100
26) 2-Nitrophenol	7.810	139	299107	61.132	ng	97
27) 2,4-Dimethylphenol	7.840	122	691268	58.731	ng	100
28) bis(2-Chloroethoxy)met...	7.940	93	847188	57.543	ng	100
29) 2,4-Dichlorophenol	8.045	162	596890	60.658	ng	99
30) 1,2,4-Trichlorobenzene	8.134	180	628720	57.256	ng	100
31) Naphthalene	8.216	128	2026390	55.603	ng	99
32) Benzoic acid	7.951	122	349577	59.198	ng	99
33) 4-Chloroaniline	8.263	127	868158	57.207	ng	99
34) Hexachlorobutadiene	8.334	225	373284	58.266	ng	100
35) Caprolactam	8.639	113	186124	62.928	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	605133	59.887	ng	99
37) 2-Methylnaphthalene	8.904	142	1257822	56.136	ng	99
38) 1-Methylnaphthalene	9.004	142	1294318	55.760	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	607614	56.925	ng	100
41) Hexachlorocyclopentadiene	9.063	237	407387	67.248	ng	100
43) 2,4,6-Trichlorophenol	9.181	196	433323	65.514	ng	99

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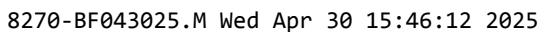
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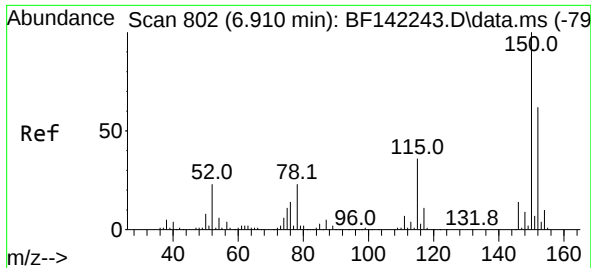
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 QLast Update : Wed Apr 30 15:28:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	422145	60.705	ng	98
46) 1,1'-Biphenyl	9.369	154	1632628	55.372	ng	100
47) 2-Chloronaphthalene	9.398	162	1234670	56.283	ng	99
48) 2-Nitroaniline	9.486	65	357897	60.490	ng	99
49) Acenaphthylene	9.810	152	2079452	56.175	ng	99
50) Dimethylphthalate	9.675	163	1395869	57.529	ng	100
51) 2,6-Dinitrotoluene	9.728	165	289353	60.986	ng	98
52) Acenaphthene	9.986	154	1219341	56.414	ng	99
53) 3-Nitroaniline	9.898	138	352271	61.278	ng	97
54) 2,4-Dinitrophenol	9.998	184	86520	61.133	ng	83
55) Dibenzofuran	10.157	168	1798627	55.513	ng	99
56) 4-Nitrophenol	10.045	139	261987	68.694	ng	98
57) 2,4-Dinitrotoluene	10.134	165	352001	60.964	ng	98
58) Fluorene	10.498	166	1348902	54.754	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	367314	63.765	ng	99
60) Diethylphthalate	10.369	149	1382905	57.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.492	204	648920	55.466	ng	97
62) 4-Nitroaniline	10.516	138	319292	61.243	ng	99
63) Azobenzene	10.651	77	1362906	57.603	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	132189	60.646	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1224189	57.351	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	413069	59.371	ng	100
68) Hexachlorobenzene	11.045	284	457317	58.689	ng	99
69) Atrazine	11.133	200	340471	60.513	ng	99
70) Pentachlorophenol	11.233	266	270497	65.710	ng	98
71) Phenanthrene	11.463	178	1864413	55.249	ng	100
72) Anthracene	11.516	178	1920817	55.673	ng	100
73) Carbazole	11.663	167	1751538	55.651	ng	100
74) Di-n-butylphthalate	11.998	149	1852105	58.511	ng	100
75) Fluoranthene	12.651	202	1794425	53.793	ng	98
77) Benzidine	12.769	184	883568	63.206	ng	99
78) Pyrene	12.880	202	1809576	59.627	ng	99
80) Butylbenzylphthalate	13.498	149	516723	61.167	ng	99
81) Benzo(a)anthracene	14.069	228	1299270	58.829	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	444901	68.582	ng	99
83) Chrysene	14.104	228	1181729	58.781	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	712716	61.002	ng	99
85) Di-n-octyl phthalate	14.680	149	1329733	61.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1614650	61.012	ng	100
88) Benzo(b)fluoranthene	15.127	252	1275552	56.836	ng	99
89) Benzo(k)fluoranthene	15.163	252	1202952	58.601	ng	99
90) Benzo(a)pyrene	15.510	252	1232454	59.982	ng	100
91) Dibenzo(a,h)anthracene	17.110	278	1292219	60.163	ng	99
92) Benzo(g,h,i)perylene	17.545	276	1315066	60.904	ng	99

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

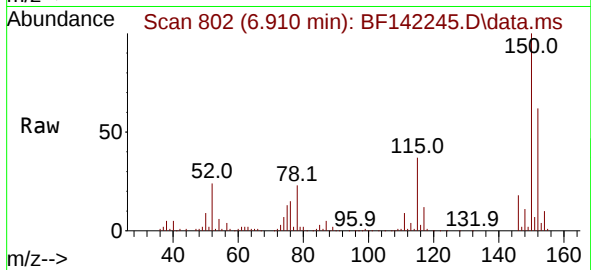
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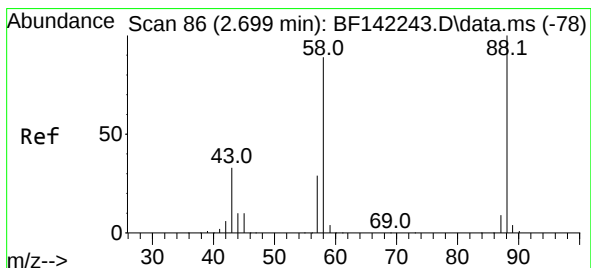
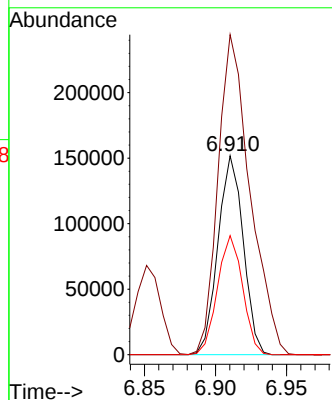
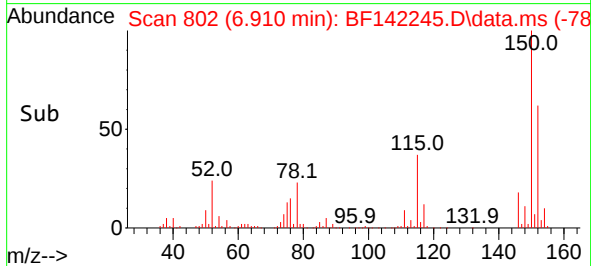


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142245.D
 Acq: 30 Apr 2025 14:15

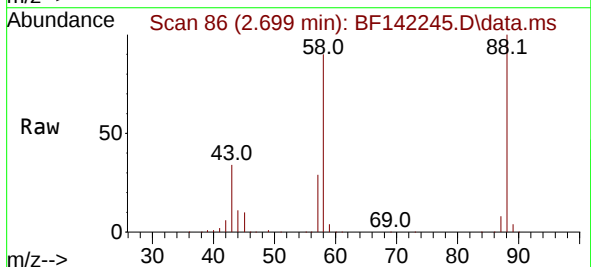
Instrument :
 BNA_F
 ClientSampleId :



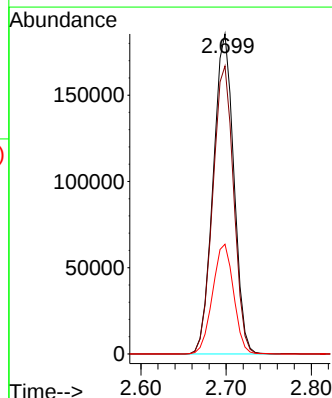
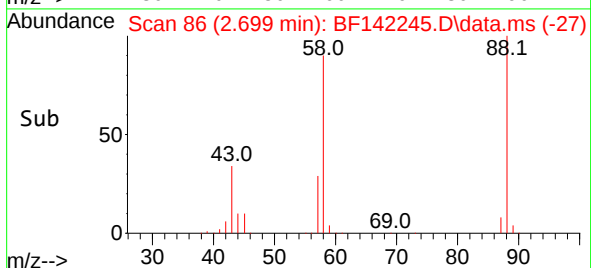
Tgt Ion:152 Resp: 187963
 Ion Ratio Lower Upper
 152 100
 150 160.9 130.2 195.2
 115 59.8 47.0 70.4

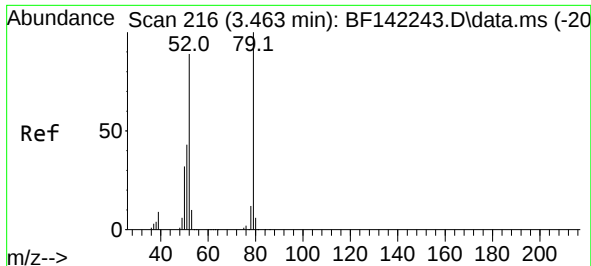


#2
 1,4-Dioxane
 Concen: 59.528 ng
 RT: 2.699 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BF142245.D
 Acq: 30 Apr 2025 14:15



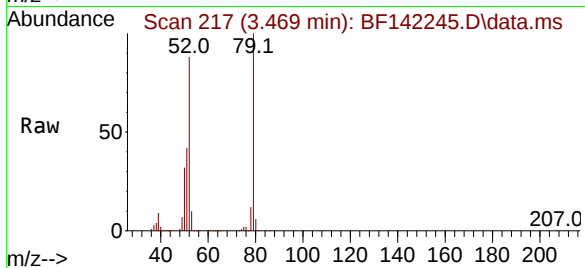
Tgt Ion: 88 Resp: 312897
 Ion Ratio Lower Upper
 88 100
 58 90.8 72.2 108.2
 43 35.0 27.0 40.6



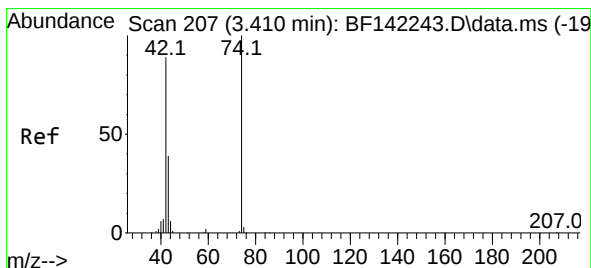
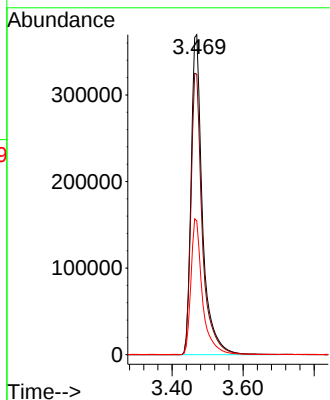
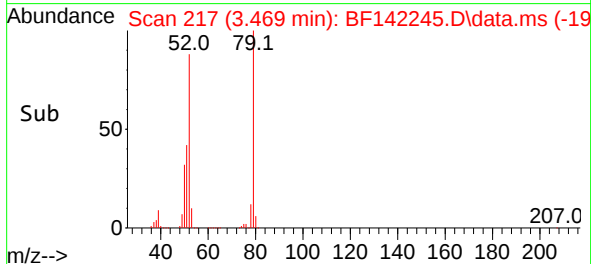


#3
Pyridine
Concen: 60.277 ng
RT: 3.469 min Scan# 216
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

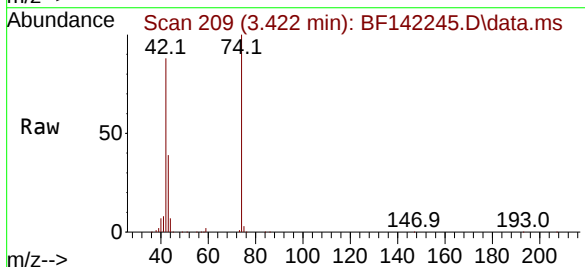
Instrument :
BNA_F
ClientSampleId :



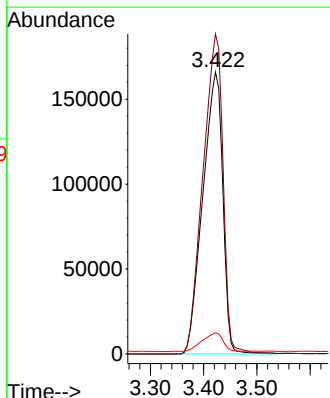
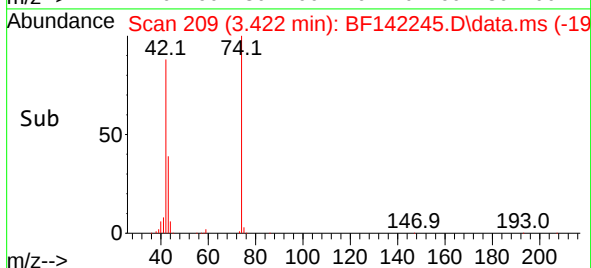
Tgt Ion: 79 Resp: 823442
Ion Ratio Lower Upper
79 100
52 87.7 71.5 107.3
51 41.9 34.5 51.7

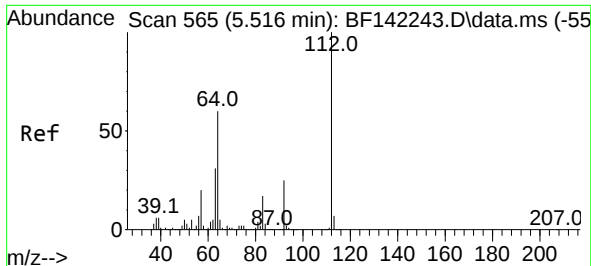


#4
n-Nitrosodimethylamine
Concen: 61.063 ng
RT: 3.422 min Scan# 209
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion: 42 Resp: 431685
Ion Ratio Lower Upper
42 100
74 113.5 89.5 134.3
44 7.5 6.6 9.8

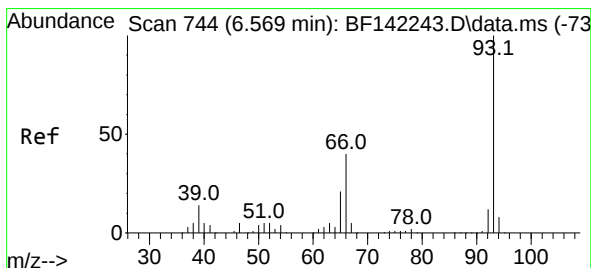
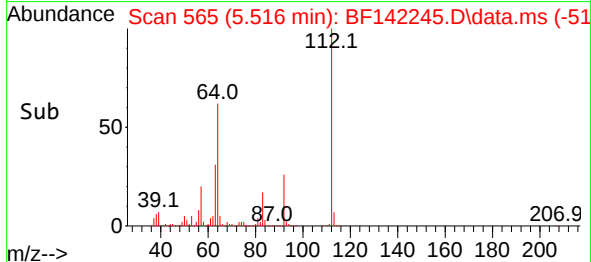
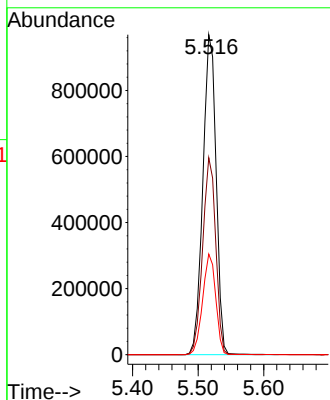
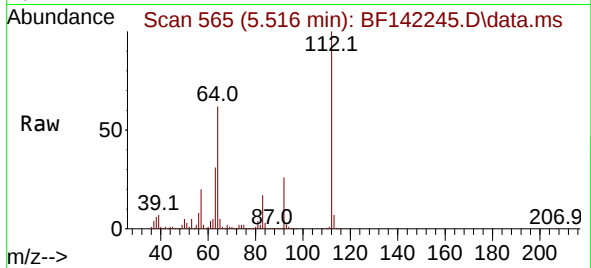




#5
2-Fluorophenol
Concen: 115.976 ng
RT: 5.516 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

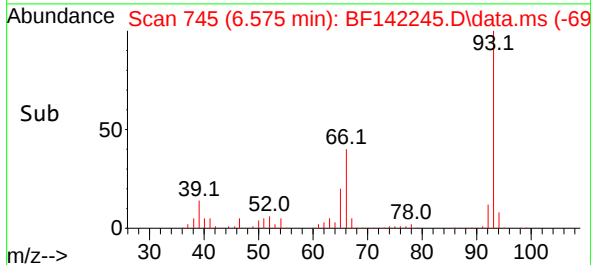
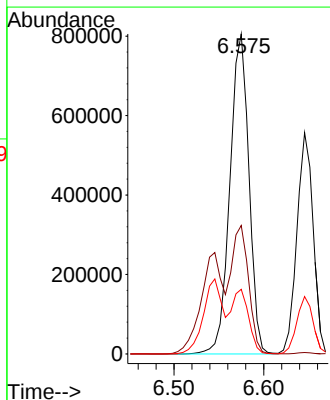
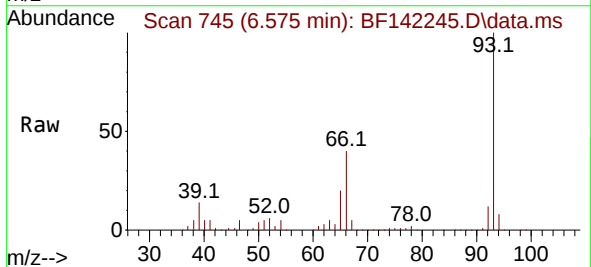
Instrument :
BNA_F
ClientSampleId :

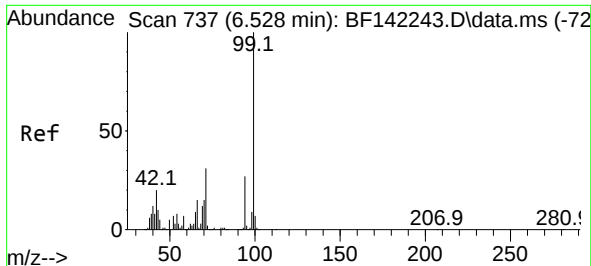
Tgt Ion:112 Resp: 1364962
Ion Ratio Lower Upper
112 100
64 61.6 48.4 72.6
63 31.5 24.8 37.2



#6
Aniline
Concen: 58.890 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion: 93 Resp: 1184649
Ion Ratio Lower Upper
93 100
66 40.1 32.1 48.1
65 20.2 16.6 24.8

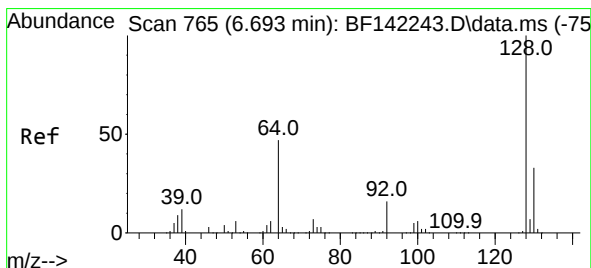
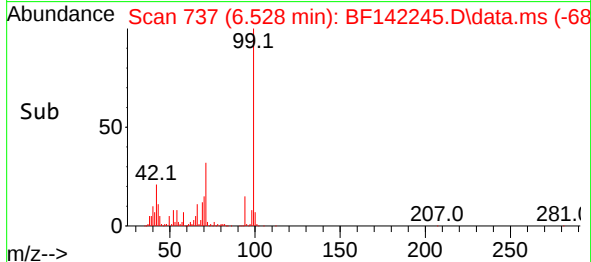
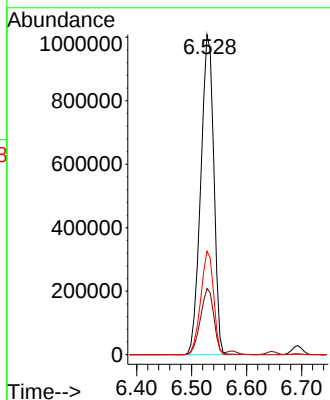
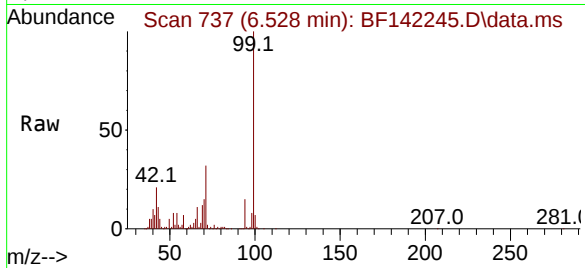




#7
Phenol-d6
Concen: 117.026 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

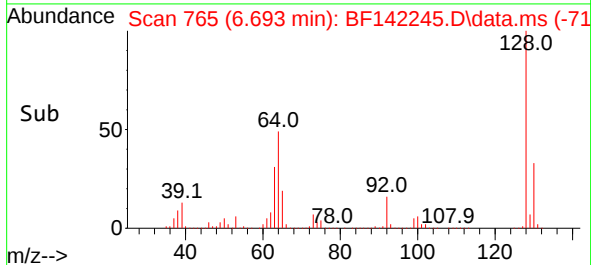
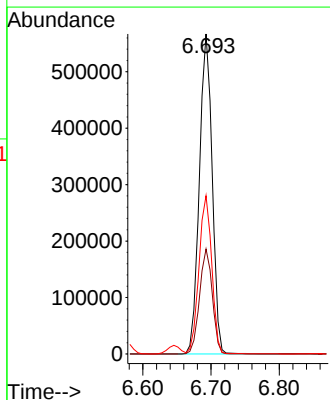
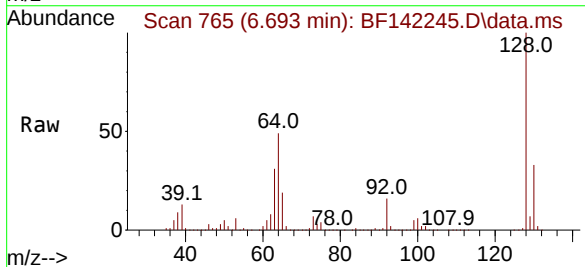
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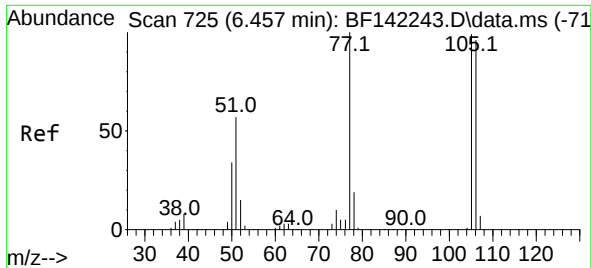
Tgt Ion: 99 Resp: 1663210
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.3 25.0 37.4



#8
2-Chlorophenol
Concen: 60.874 ng
RT: 6.693 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:128 Resp: 740327
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 49.4 28.6 68.6





#9

Benzaldehyde

Concen: 56.352 ng

RT: 6.463 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

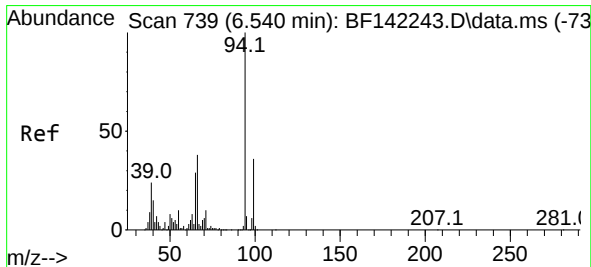
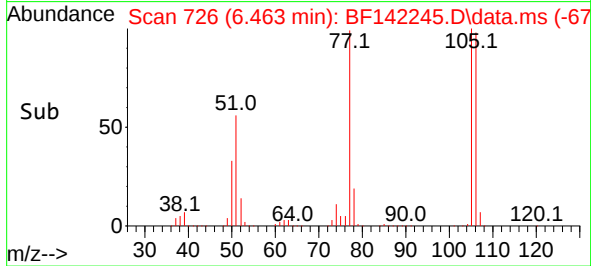
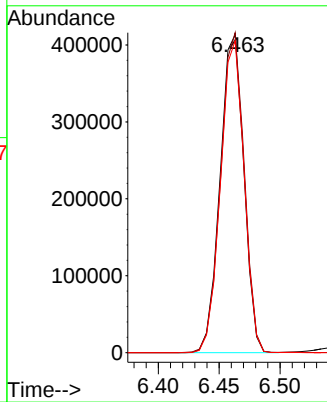
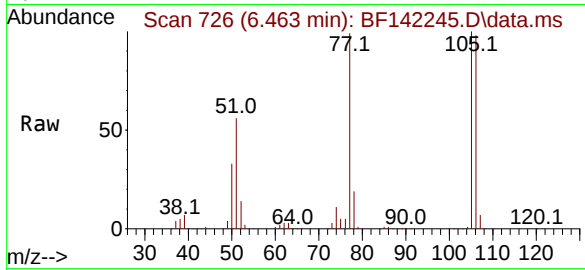
Tgt Ion: 77 Resp: 559766

Ion Ratio Lower Upper

77 100

105 100.6 79.1 119.1

106 98.1 76.0 116.0



#10

Phenol

Concen: 62.183 ng

RT: 6.545 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

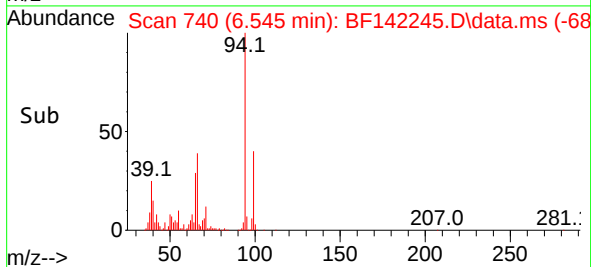
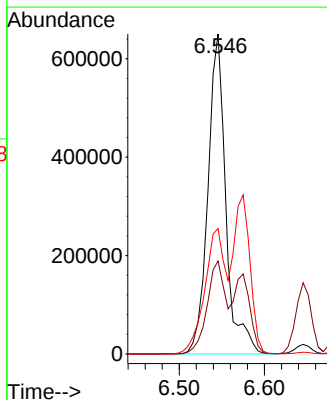
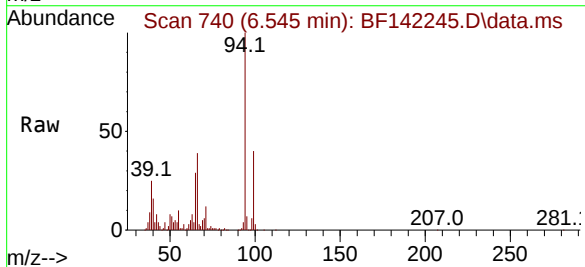
Tgt Ion: 94 Resp: 951380

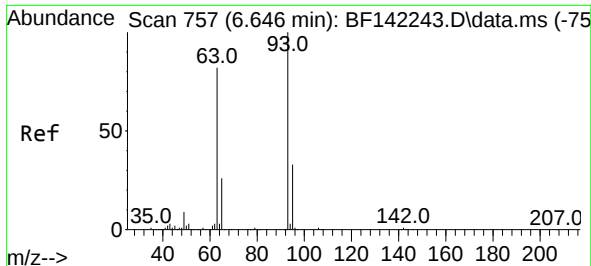
Ion Ratio Lower Upper

94 100

65 29.0 8.9 48.9

66 39.2 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 58.532 ng

RT: 6.646 min Scan# 757

Delta R.T. -0.000 min

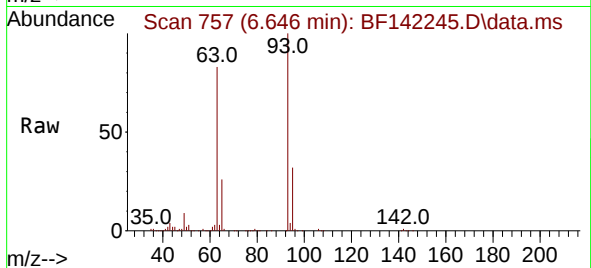
Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :



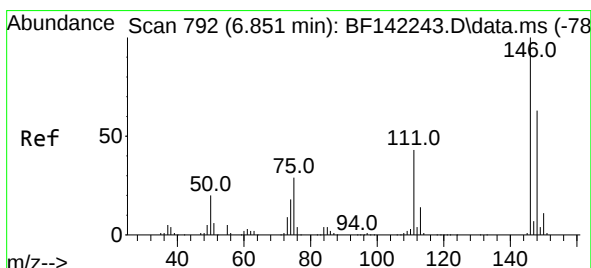
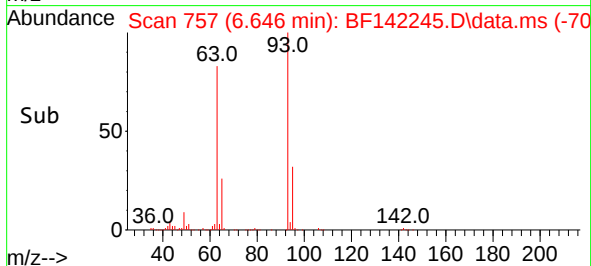
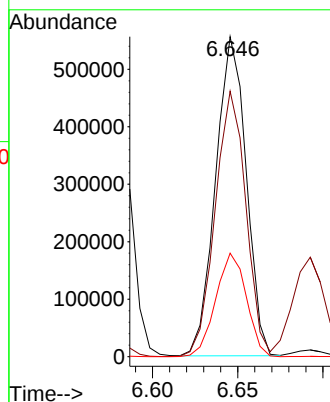
Tgt Ion: 93 Resp: 693997

Ion Ratio Lower Upper

93 100

63 83.0 62.2 102.2

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 57.236 ng

RT: 6.851 min Scan# 792

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

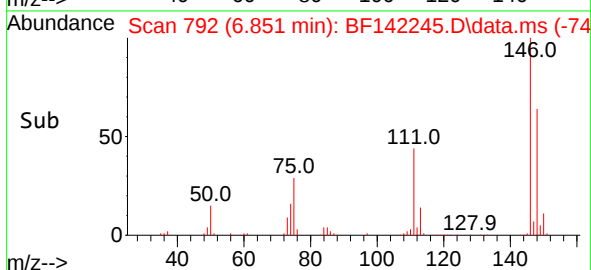
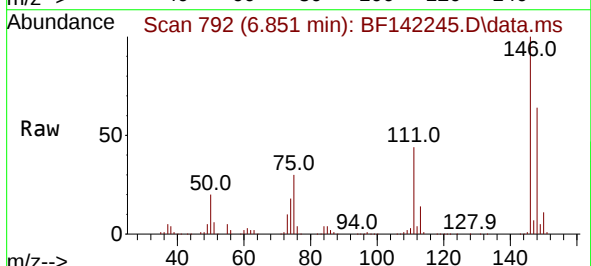
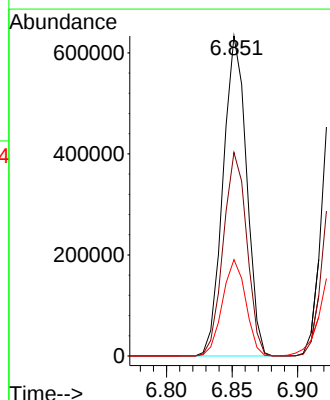
Tgt Ion: 146 Resp: 787463

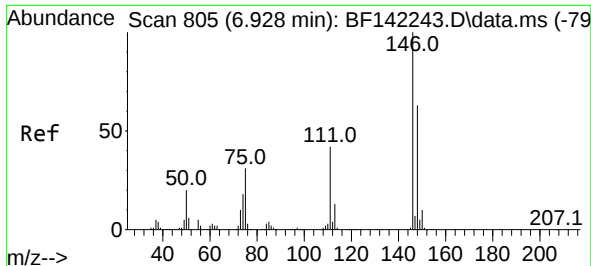
Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

75 30.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 57.102 ng

RT: 6.928 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

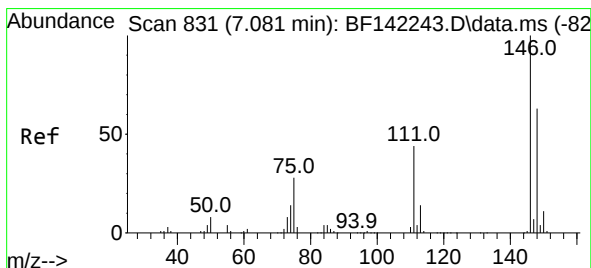
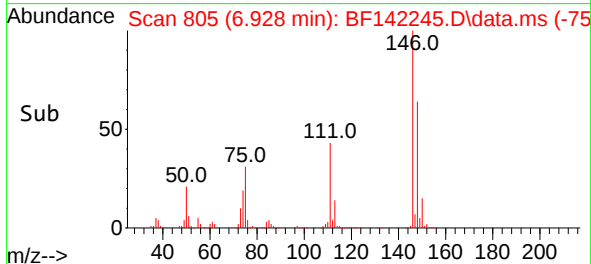
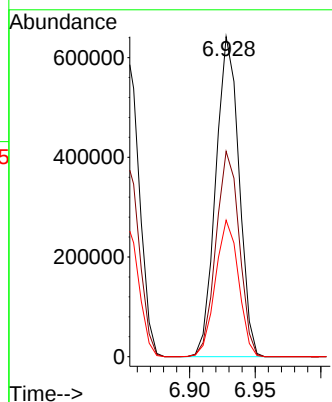
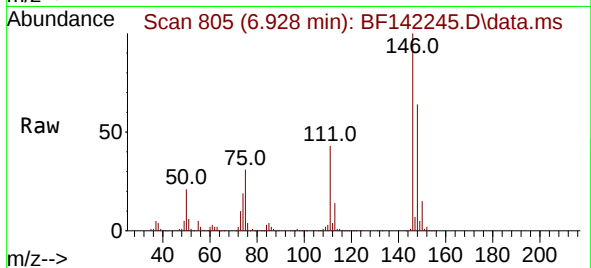
Tgt Ion:146 Resp: 791509

Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

111 42.7 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 57.765 ng

RT: 7.081 min Scan# 831

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

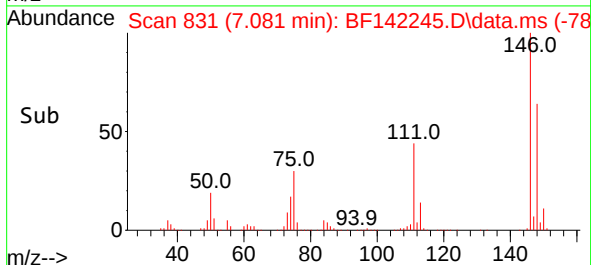
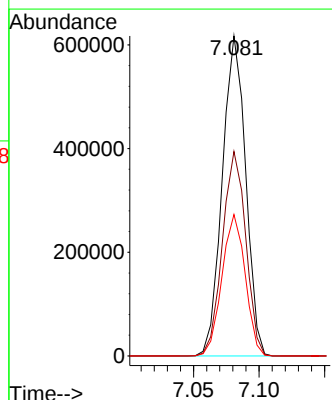
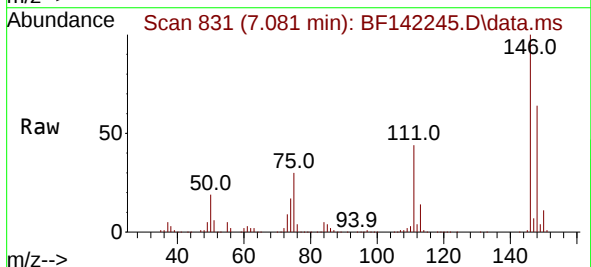
Tgt Ion:146 Resp: 764397

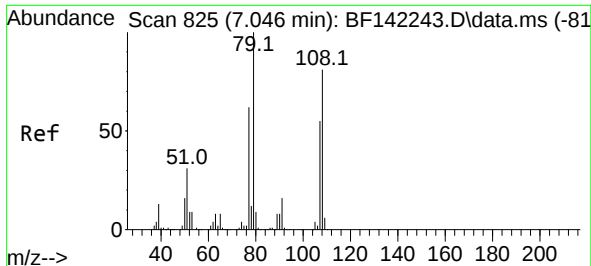
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

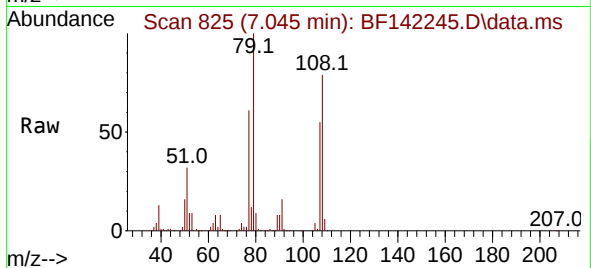
111 44.2 34.9 52.3



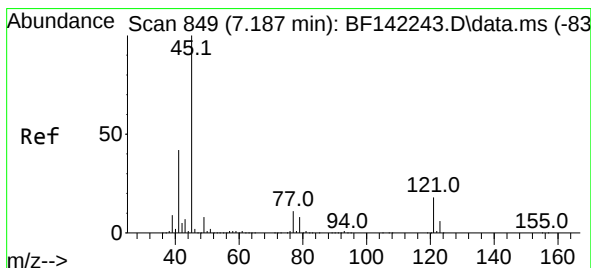
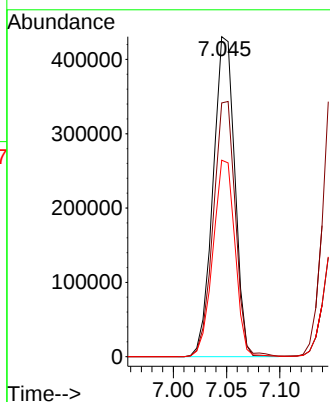
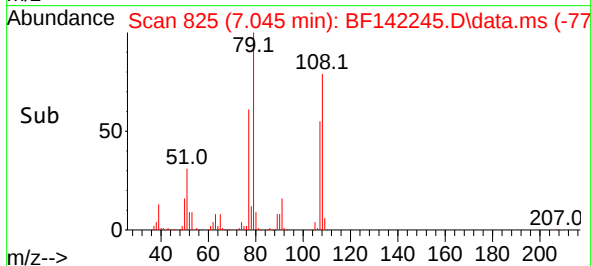


#15
Benzyl Alcohol
Concen: 60.504 ng
RT: 7.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :

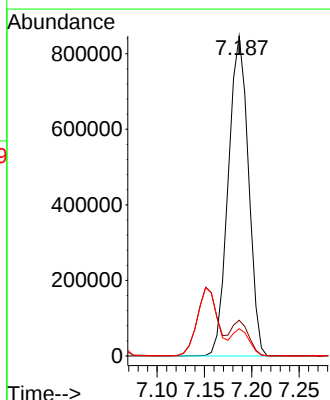
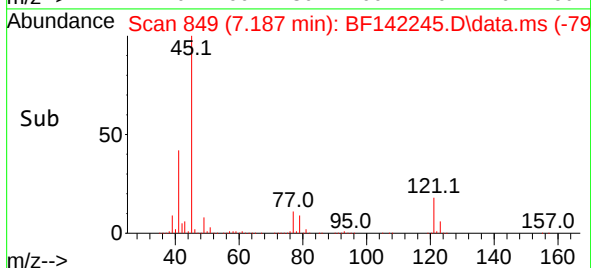
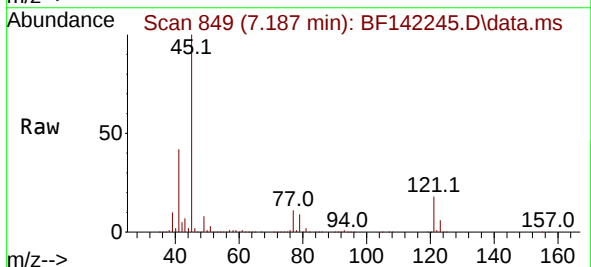


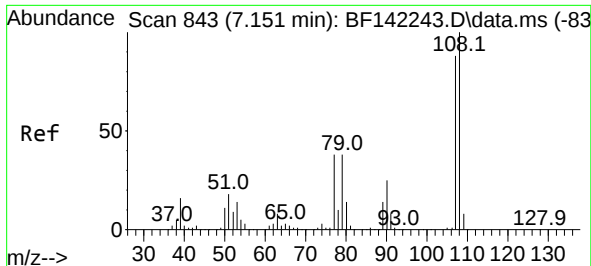
Tgt Ion: 79 Resp: 609871
Ion Ratio Lower Upper
79 100
108 79.3 64.5 96.7
77 61.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.370 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

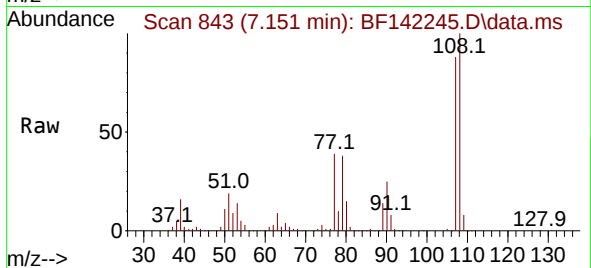
Tgt Ion: 45 Resp: 1249716
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.3
79 8.5 0.0 28.5



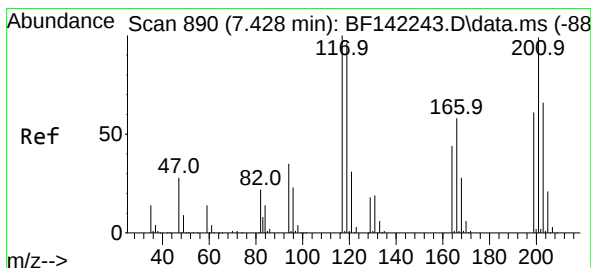
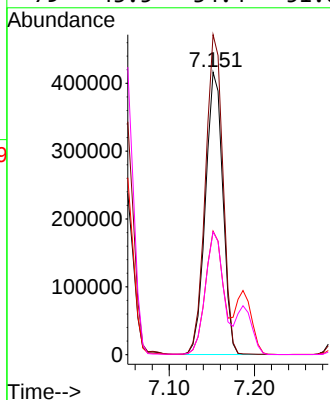
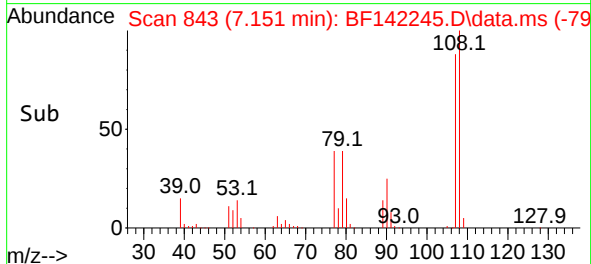


#17
2-Methylphenol
Concen: 59.438 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

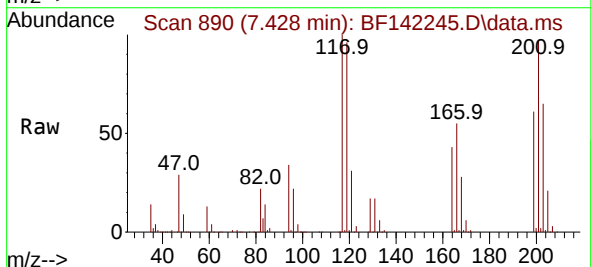
Instrument :
BNA_F
ClientSampleId :



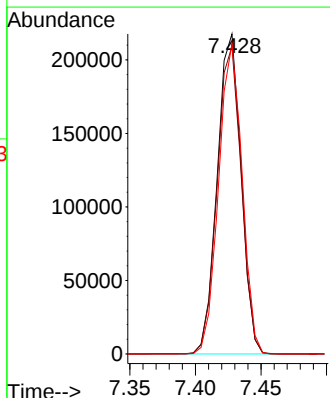
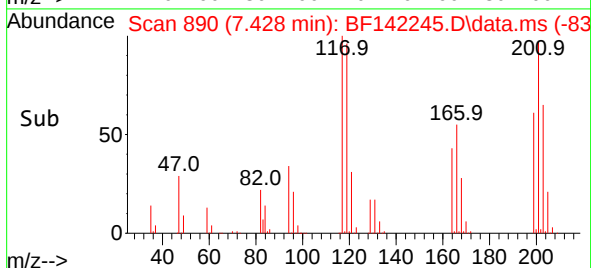
Tgt Ion:	107	Resp:	592171
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.0	136.4
77	43.7	34.4	51.6
79	43.5	34.4	51.6

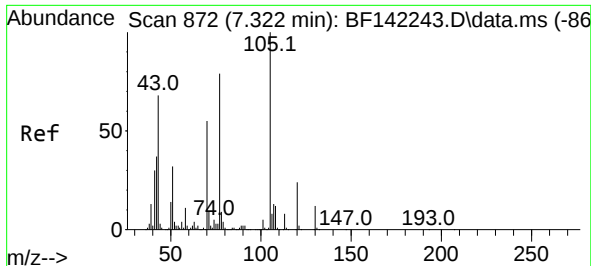


#18
Hexachloroethane
Concen: 60.761 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



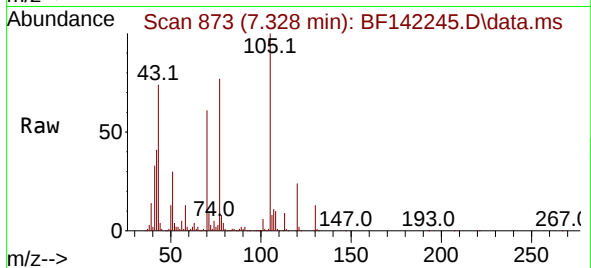
Tgt Ion:	117	Resp:	275661
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.1	115.7
201	97.0	79.4	119.2



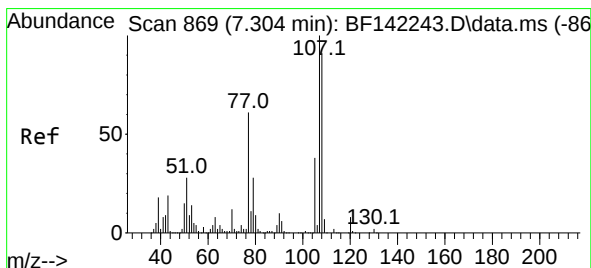
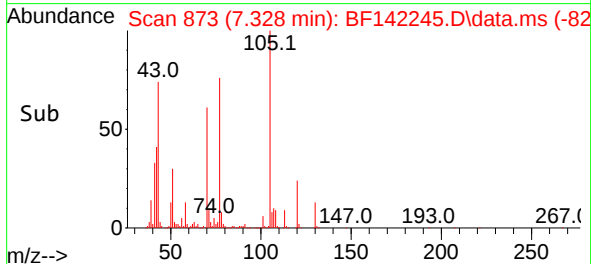
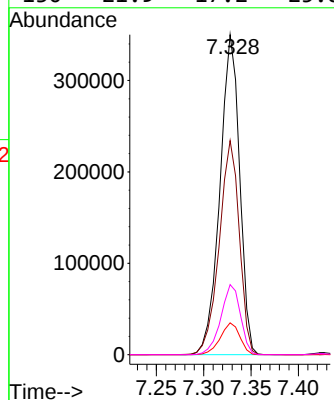


#19
n-Nitroso-di-n-propylamine
Concen: 57.660 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :

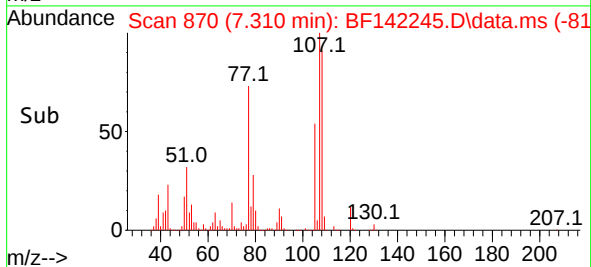
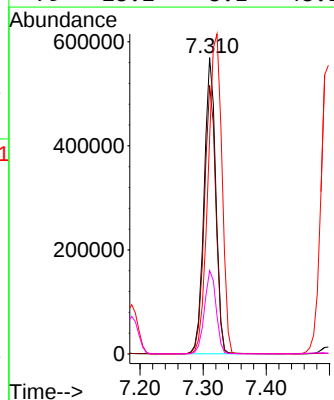
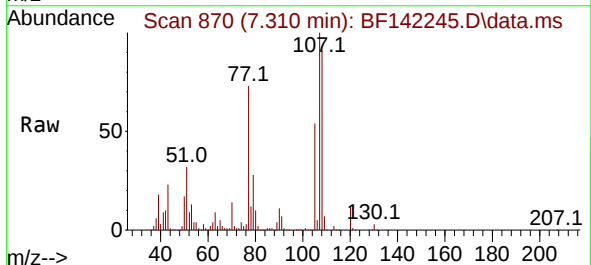


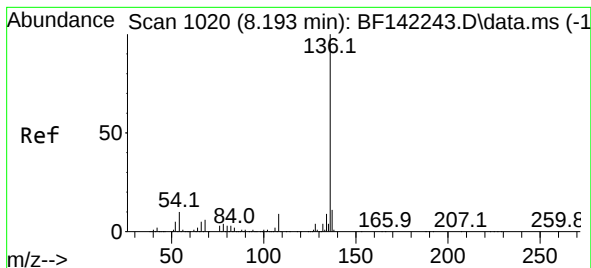
Tgt Ion: 70 Resp: 506389
Ion Ratio Lower Upper
70 100
42 66.9 53.4 80.2
101 10.0 7.7 11.5
130 21.9 17.2 25.8



#20
3+4-Methylphenols
Concen: 58.670 ng
RT: 7.310 min Scan# 870
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

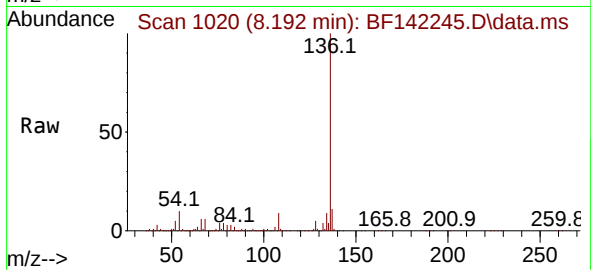
Tgt Ion: 107 Resp: 730966
Ion Ratio Lower Upper
107 100
108 90.6 71.2 111.2
77 73.0 41.1 81.1
79 28.2 8.1 48.1



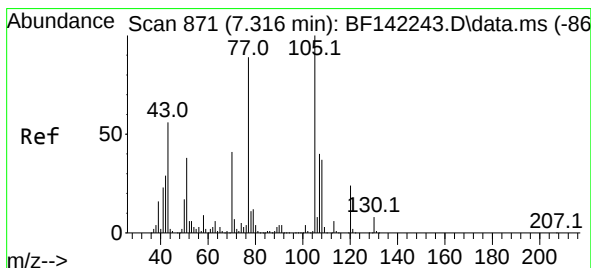
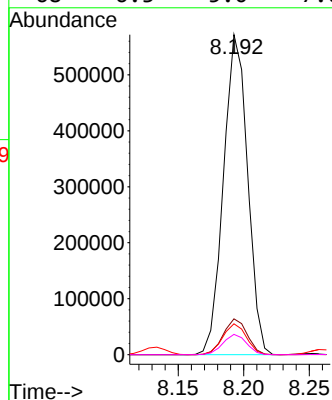
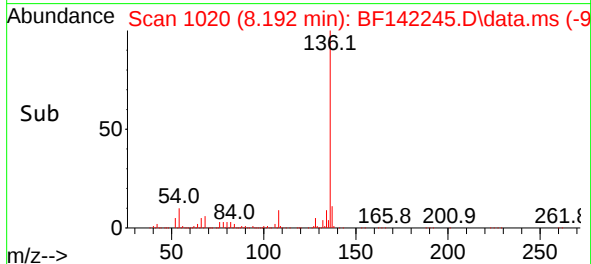


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

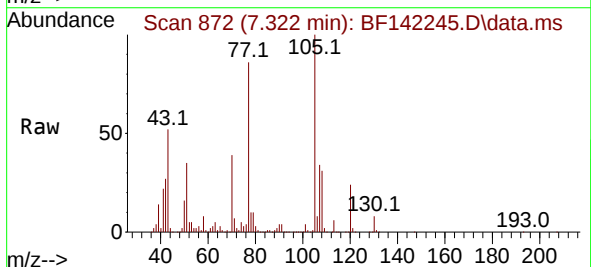
Instrument :
BNA_F
ClientSampleId :



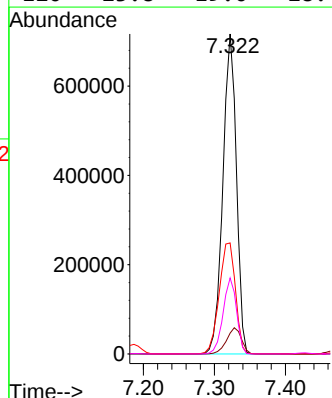
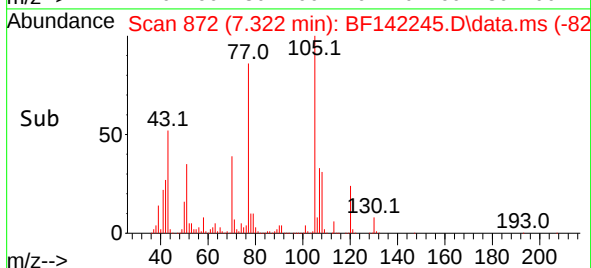
Tgt Ion:136 Resp: 730767
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6

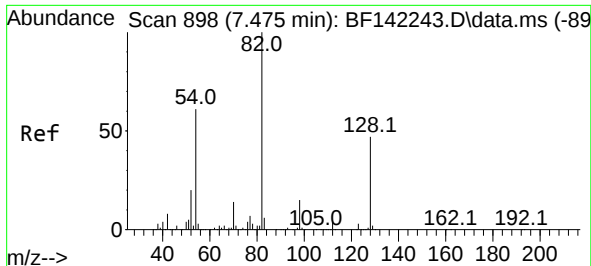


#22
Acetophenone
Concen: 55.792 ng
RT: 7.322 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:105 Resp: 943225
Ion Ratio Lower Upper
105 100
71 6.5 5.7 8.5
51 34.7 30.1 45.1
120 23.8 19.0 28.4





#23

Nitrobenzene-d5

Concen: 133.783 ng

RT: 7.475 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

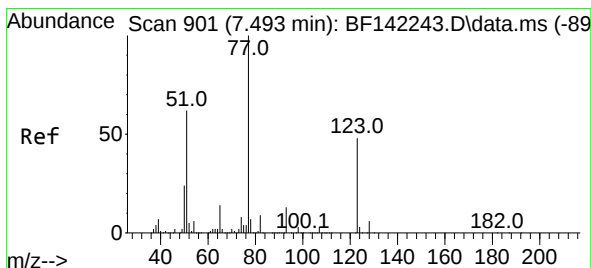
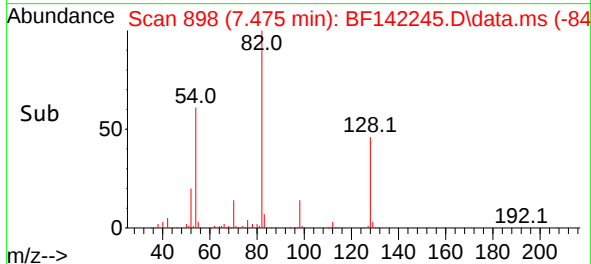
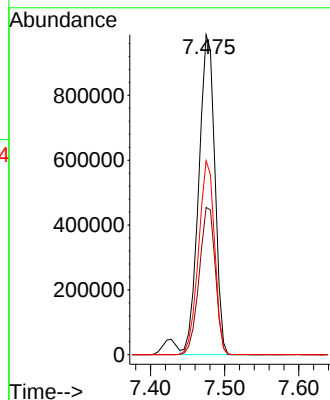
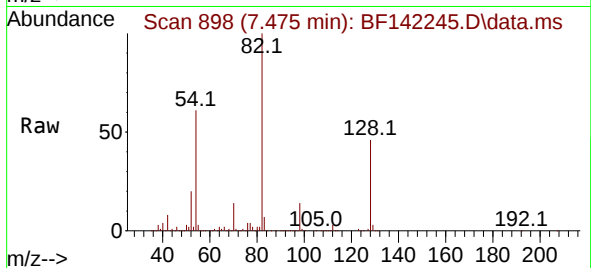
Tgt Ion: 82 Resp: 1488103

Ion Ratio Lower Upper

82 100

128 46.0 37.0 55.6

54 60.6 48.0 72.0



#24

Nitrobenzene

Concen: 64.948 ng

RT: 7.498 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

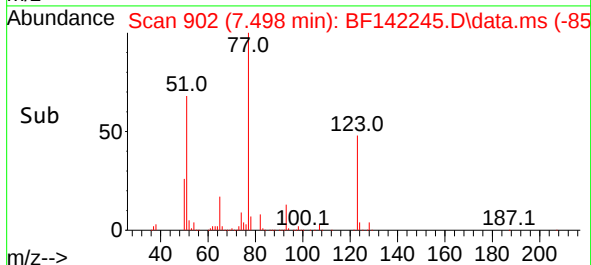
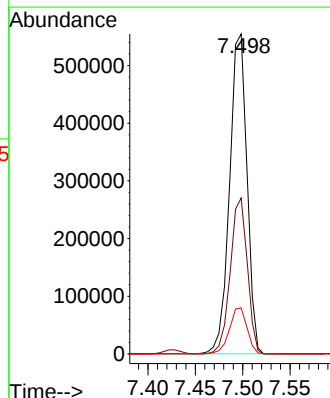
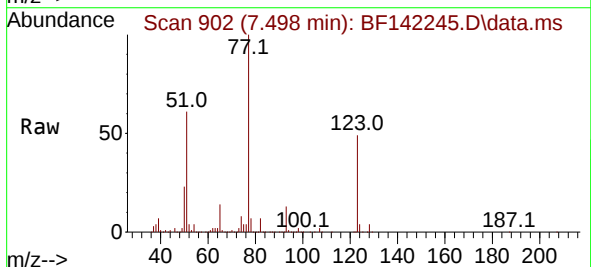
Tgt Ion: 77 Resp: 708847

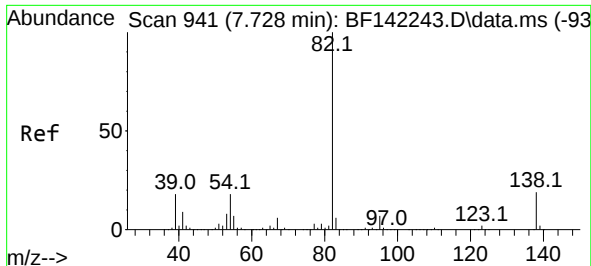
Ion Ratio Lower Upper

77 100

123 48.8 38.6 58.0

65 14.4 11.5 17.3

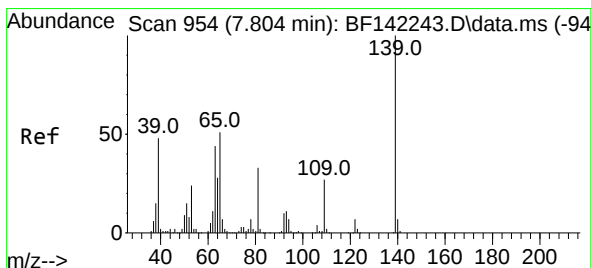
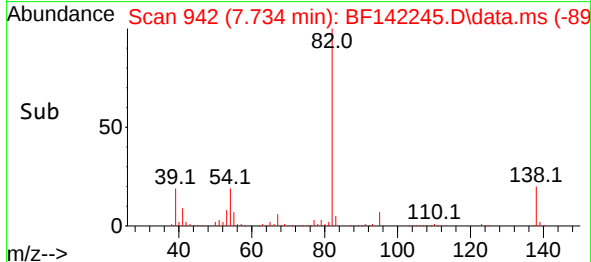
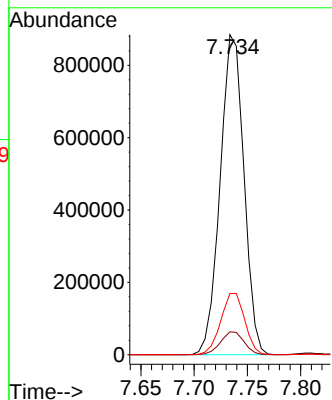
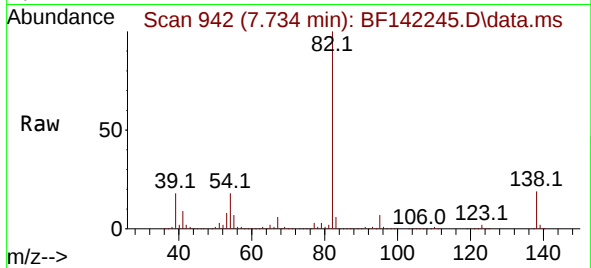




#25
Isophorone
Concen: 58.764 ng
RT: 7.734 min Scan# 941
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

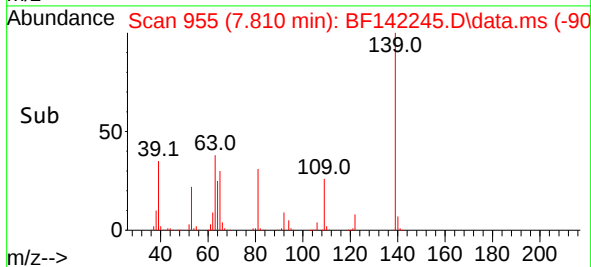
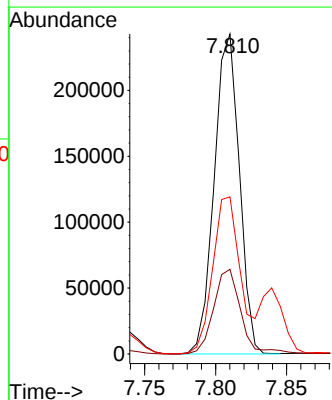
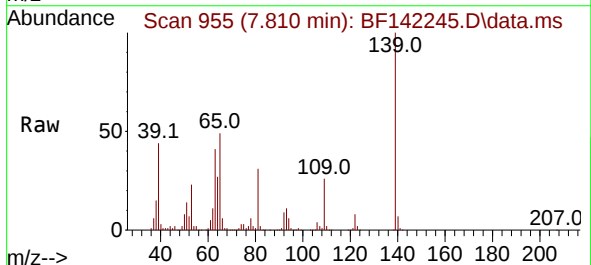
Instrument :
BNA_F
ClientSampleId :

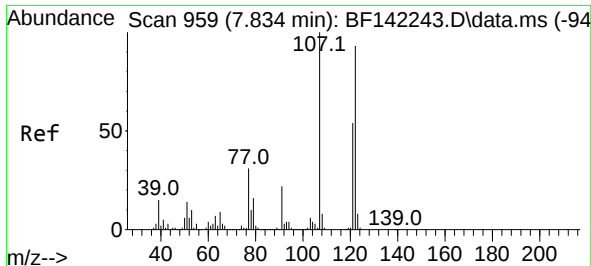
Tgt Ion: 82 Resp: 1371824
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 19.2 15.3 22.9



#26
2-Nitrophenol
Concen: 61.132 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:139 Resp: 299107
Ion Ratio Lower Upper
139 100
109 26.5 21.8 32.8
65 49.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 58.731 ng

RT: 7.840 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

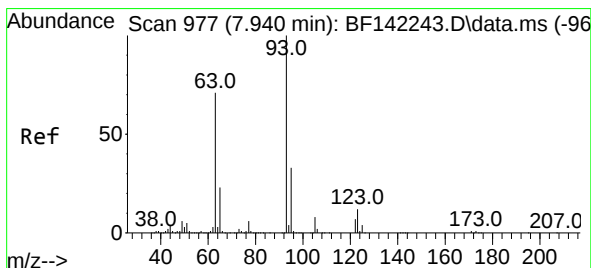
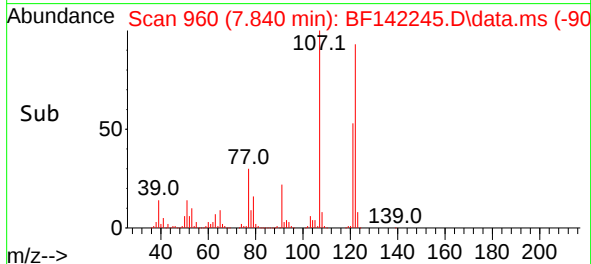
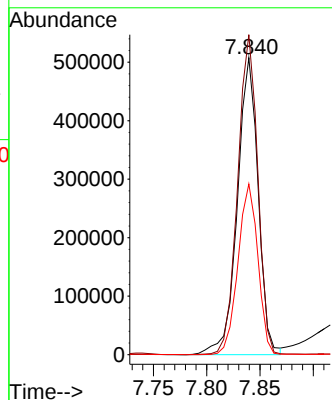
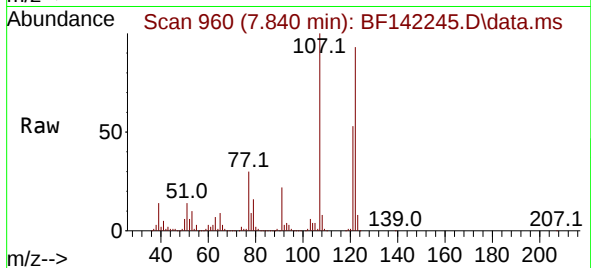
Tgt Ion:122 Resp: 691268

Ion Ratio Lower Upper

122 100

107 107.8 86.0 129.0

121 57.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 57.543 ng

RT: 7.940 min Scan# 977

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

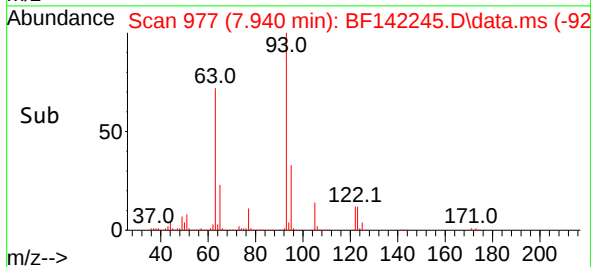
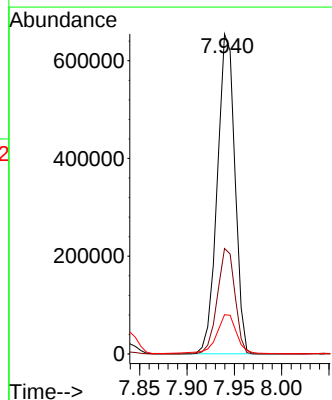
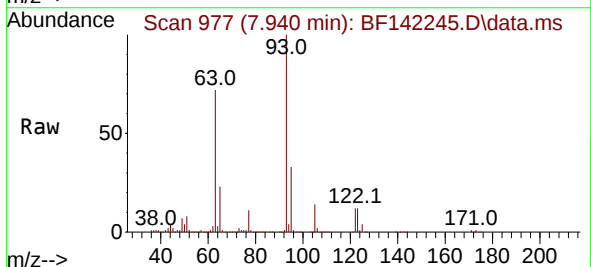
Tgt Ion: 93 Resp: 847188

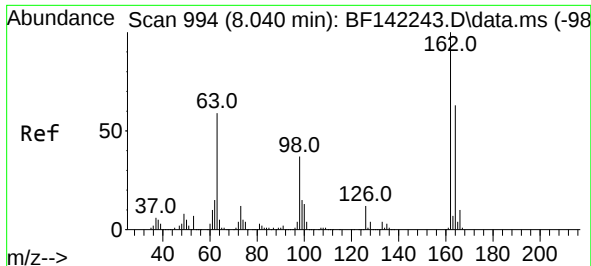
Ion Ratio Lower Upper

93 100

95 32.9 26.2 39.2

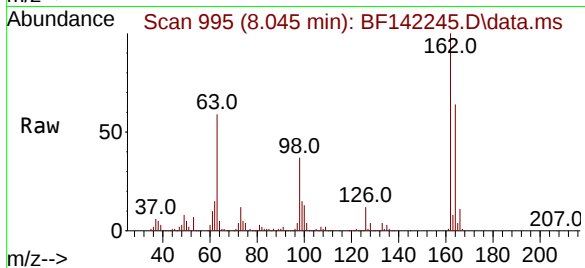
123 12.3 9.7 14.5



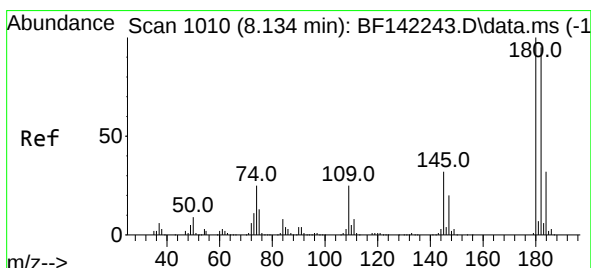
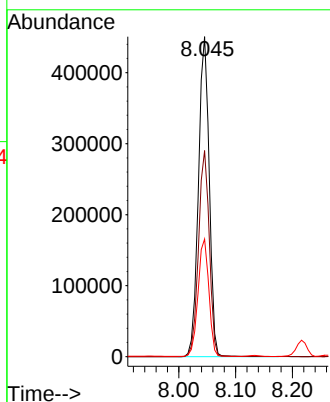
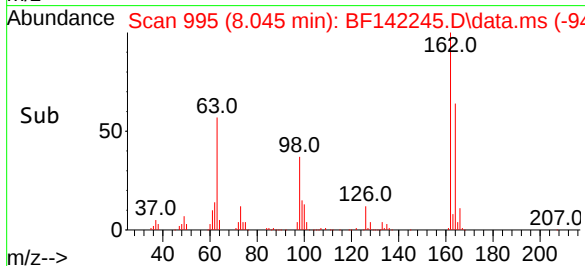


#29
2,4-Dichlorophenol
Concen: 60.658 ng
RT: 8.045 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

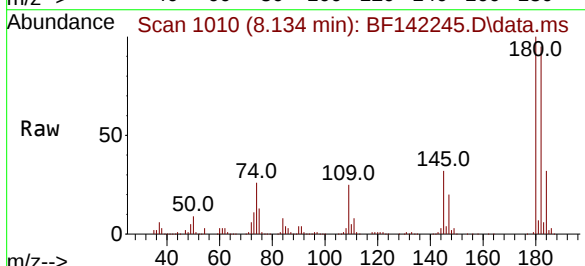
Instrument :
BNA_F
ClientSampleId :



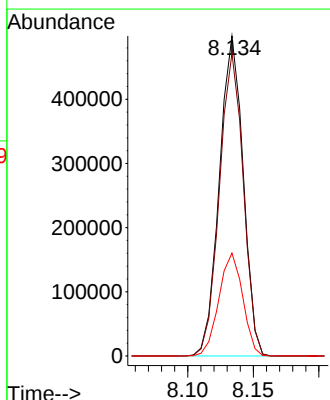
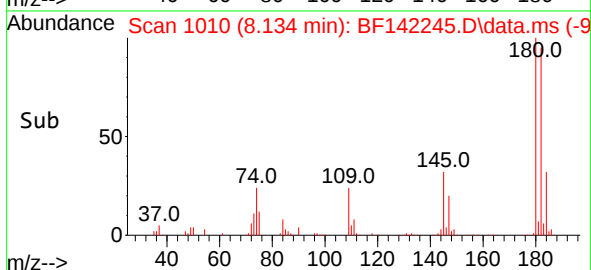
Tgt Ion:162 Resp: 596890
Ion Ratio Lower Upper
162 100
164 64.4 43.0 83.0
98 36.7 16.7 56.7

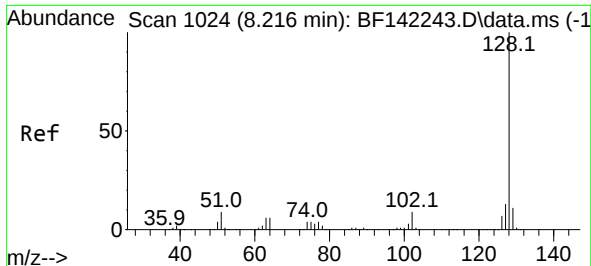


#30
1,2,4-Trichlorobenzene
Concen: 57.256 ng
RT: 8.134 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



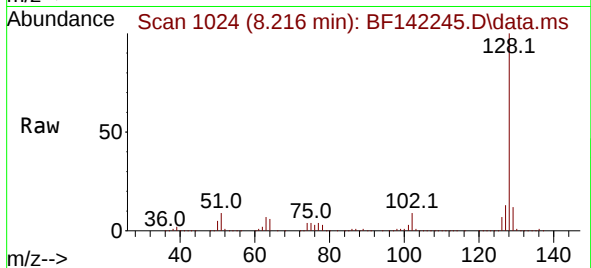
Tgt Ion:180 Resp: 628720
Ion Ratio Lower Upper
180 100
182 94.6 75.7 113.5
145 32.1 25.4 38.0



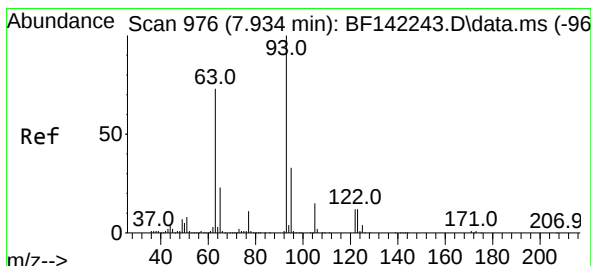
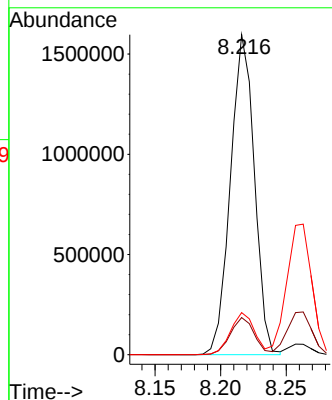
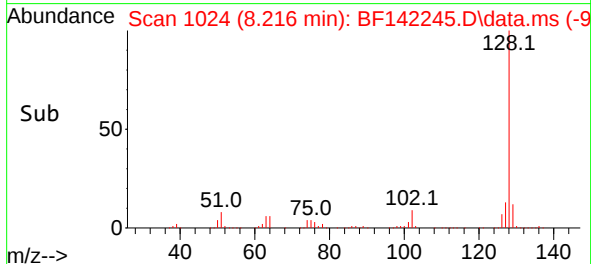


#31
Naphthalene
Concen: 55.603 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

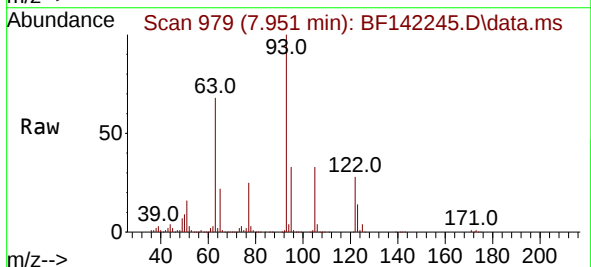
Instrument :
BNA_F
ClientSampleId :



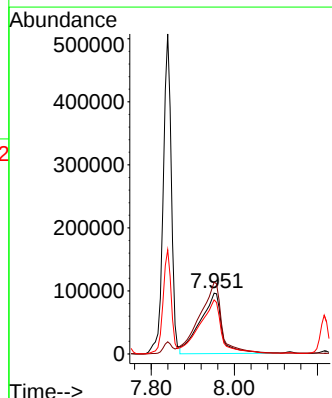
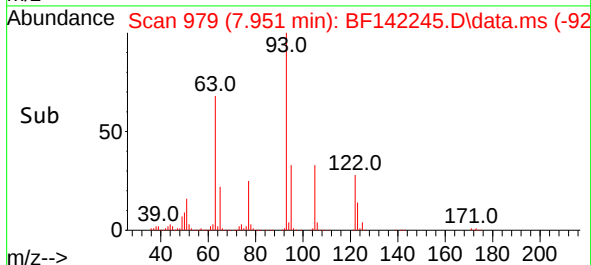
Tgt Ion:128 Resp: 2026390
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.2 10.6 15.8

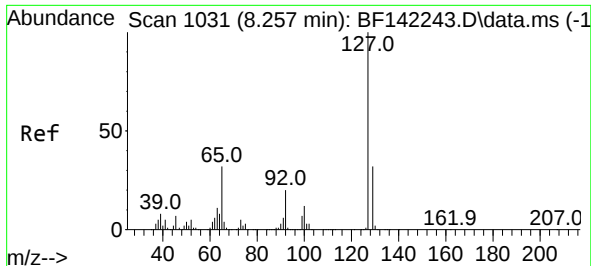


#32
Benzoic acid
Concen: 59.198 ng
RT: 7.951 min Scan# 979
Delta R.T. 0.017 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:122 Resp: 349577
Ion Ratio Lower Upper
122 100
105 118.0 98.2 138.2
77 88.8 66.8 106.8



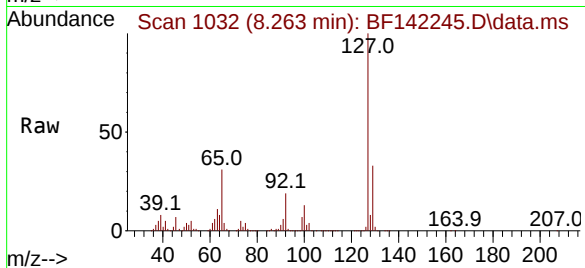


#33
4-Chloroaniline
Concen: 57.207 ng
RT: 8.263 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

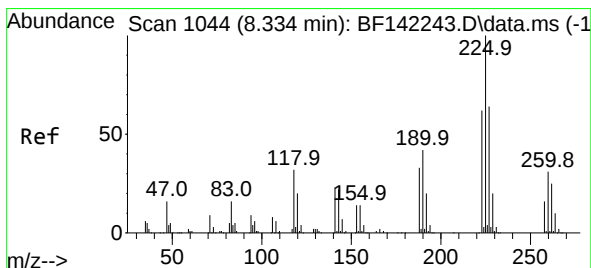
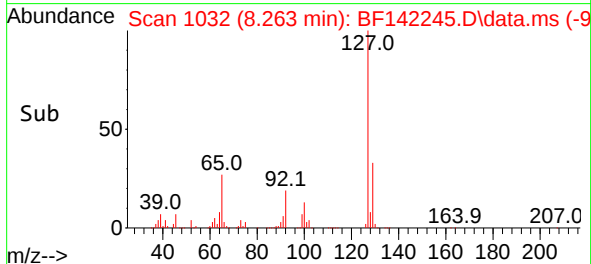
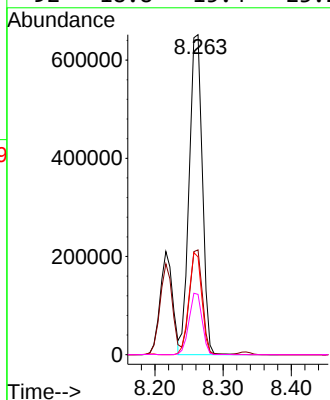
Instrument :

BNA_F

ClientSampleId :

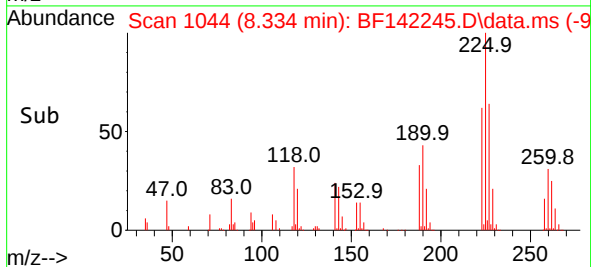
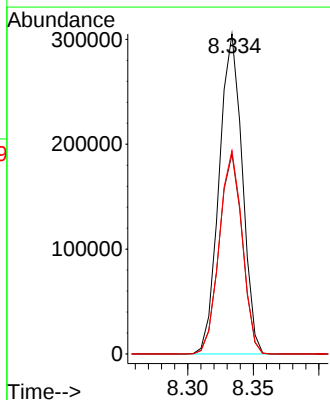
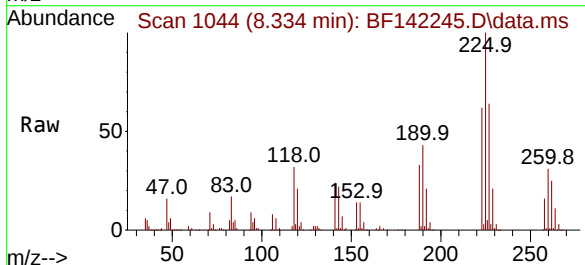


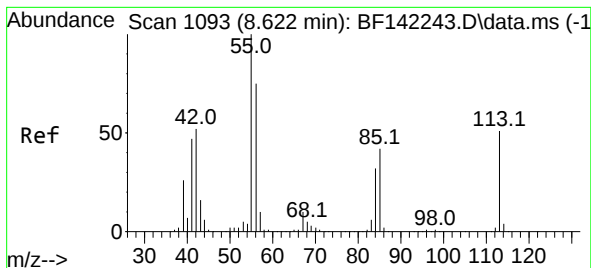
Tgt Ion:127 Resp: 868158
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 30.5 25.5 38.3
92 18.8 15.4 23.2



#34
Hexachlorobutadiene
Concen: 58.266 ng
RT: 8.334 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:225 Resp: 373284
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 63.6 51.0 76.4





#35

Caprolactam

Concen: 62.928 ng

RT: 8.639 min Scan# 1096

Delta R.T. 0.018 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

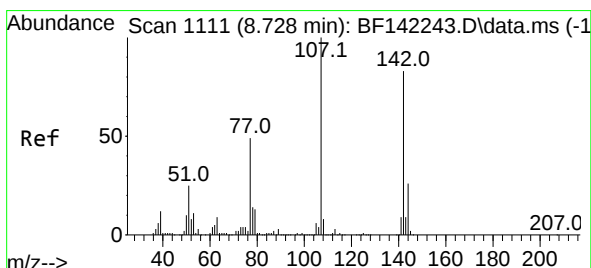
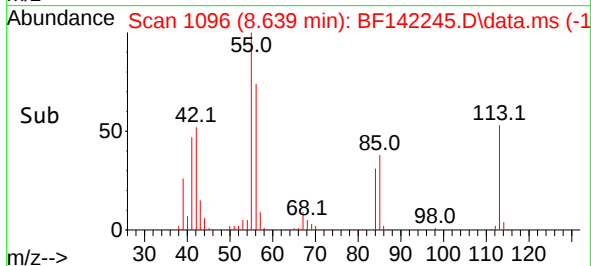
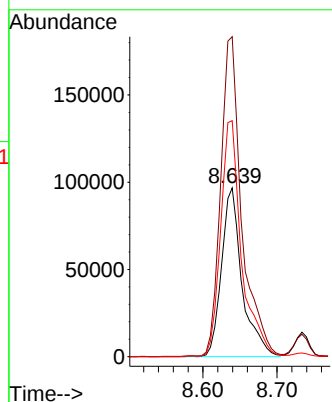
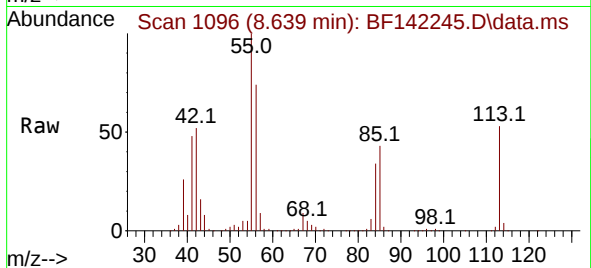
Tgt Ion:113 Resp: 186124

Ion Ratio Lower Upper

113 100

55 189.5 177.7 217.7

56 139.8 127.1 167.1



#36

4-Chloro-3-methylphenol

Concen: 59.887 ng

RT: 8.734 min Scan# 1112

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

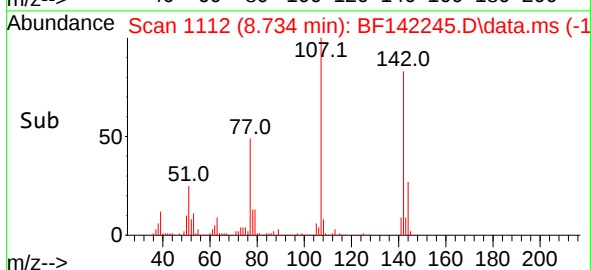
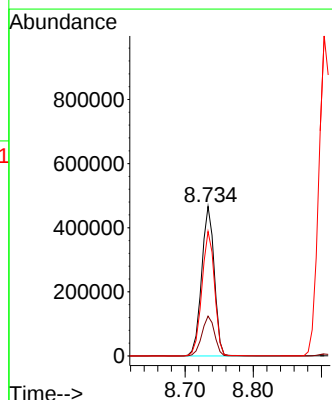
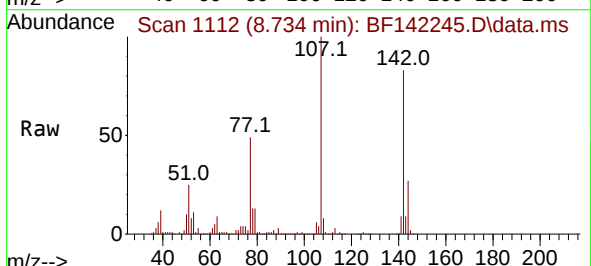
Tgt Ion:107 Resp: 605133

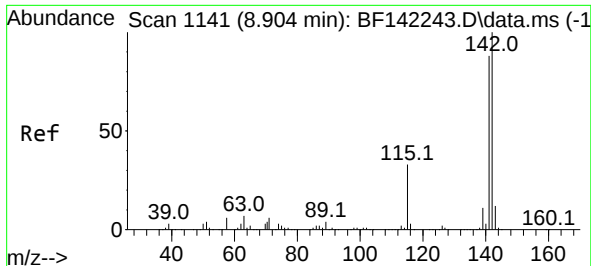
Ion Ratio Lower Upper

107 100

144 26.6 21.0 31.4

142 83.2 66.1 99.1





#37

2-Methylnaphthalene

Concen: 56.136 ng

RT: 8.904 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

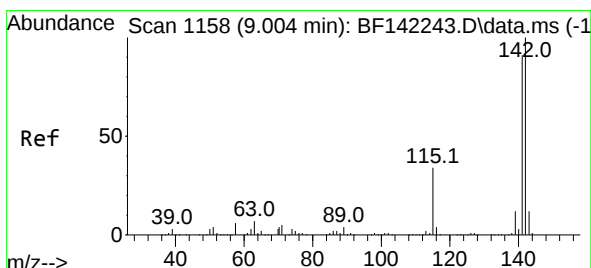
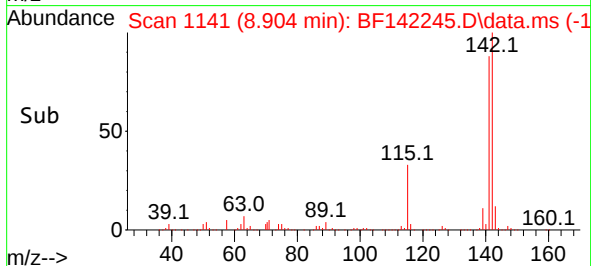
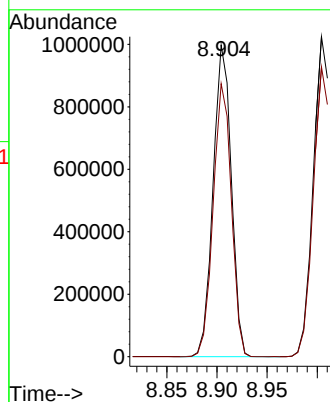
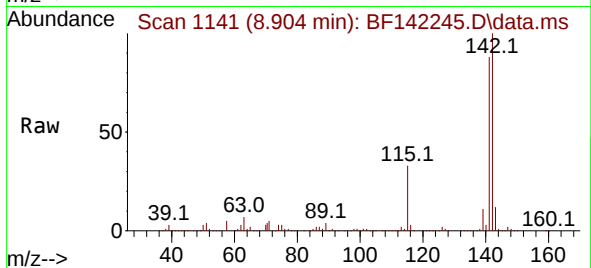
ClientSampleId :

Tgt Ion:142 Resp: 1257822

Ion Ratio Lower Upper

142 100

141 87.6 70.5 105.7



#38

1-Methylnaphthalene

Concen: 55.760 ng

RT: 9.004 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF142245.D

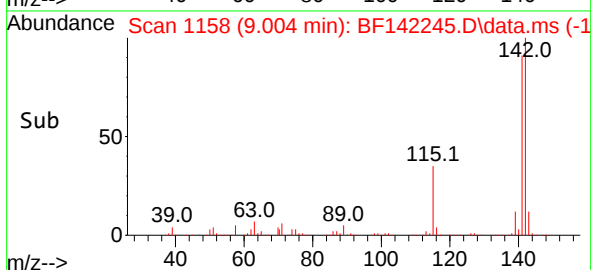
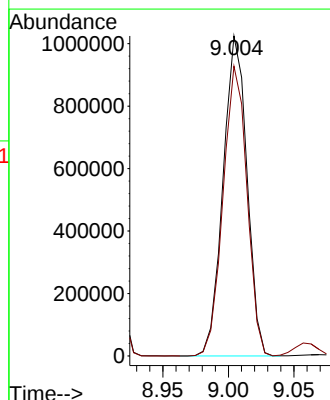
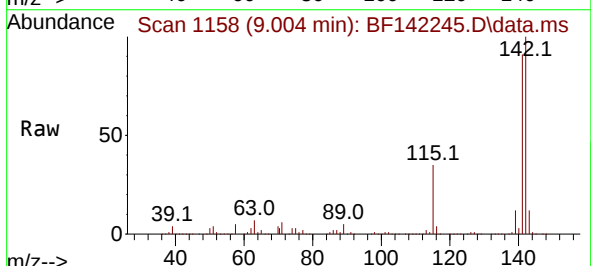
Acq: 30 Apr 2025 14:15

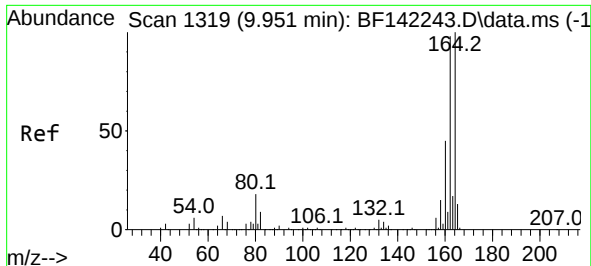
Tgt Ion:142 Resp: 1294318

Ion Ratio Lower Upper

142 100

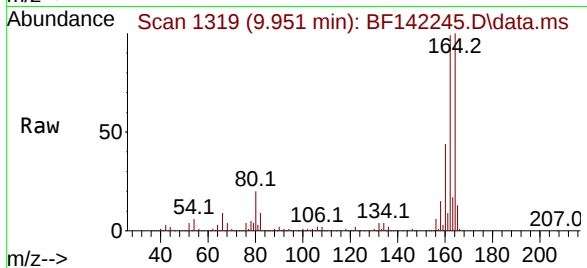
141 90.6 72.8 109.2



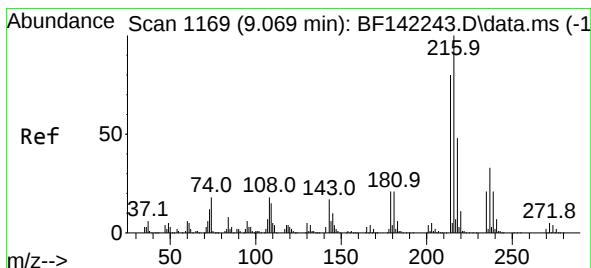
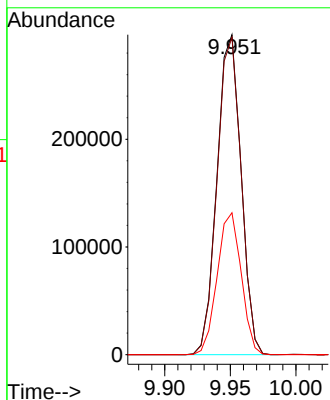
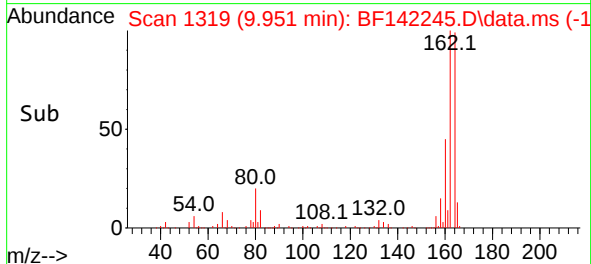


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

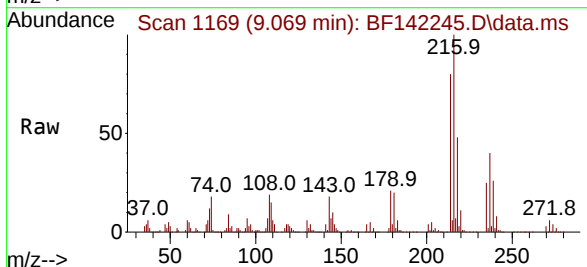
Instrument :
BNA_F
ClientSampleId :



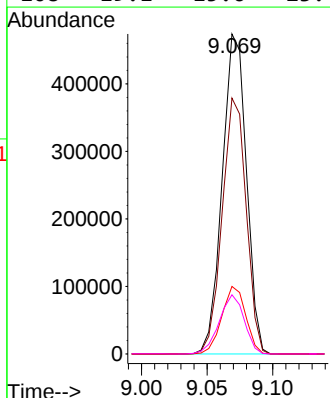
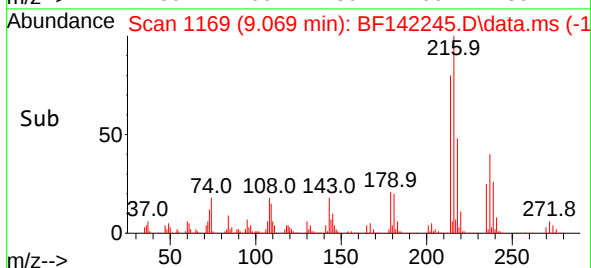
Tgt Ion:164 Resp: 379270
Ion Ratio Lower Upper
164 100
162 99.2 78.6 117.8
160 44.3 35.7 53.5

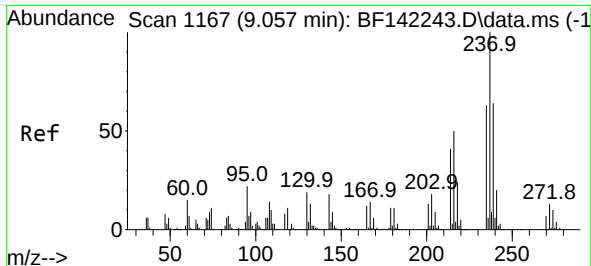


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.925 ng
RT: 9.069 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



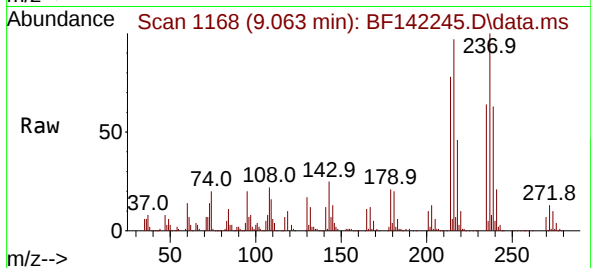
Tgt Ion:216 Resp: 607614
Ion Ratio Lower Upper
216 100
214 79.4 63.8 95.6
179 20.9 16.7 25.1
108 19.1 15.6 23.4



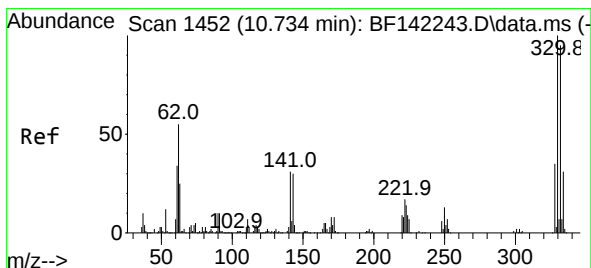
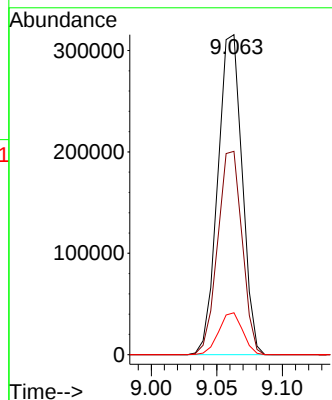
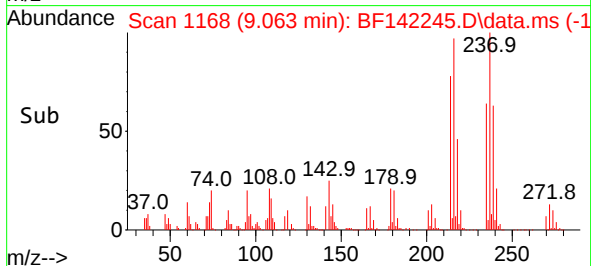


#41
Hexachlorocyclopentadiene
Concen: 67.248 ng
RT: 9.063 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

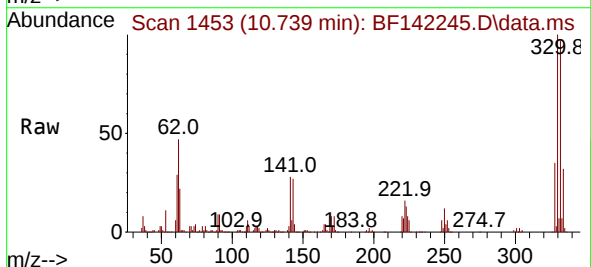
Instrument :
BNA_F
ClientSampleId :



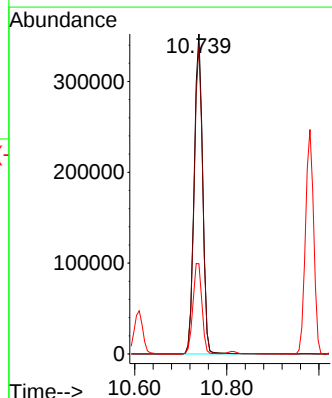
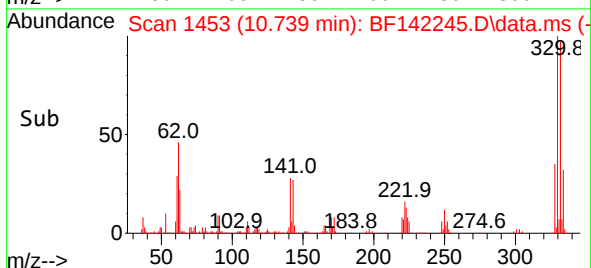
Tgt Ion: 237 Resp: 407387
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 13.1 0.0 32.9

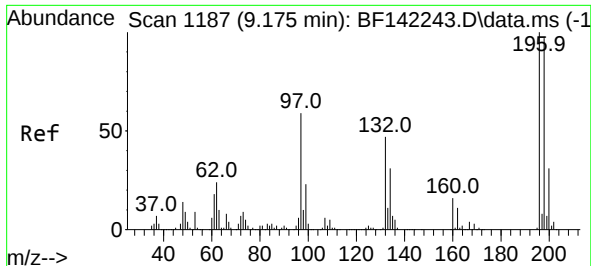


#42
2,4,6-Tribromophenol
Concen: 129.531 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



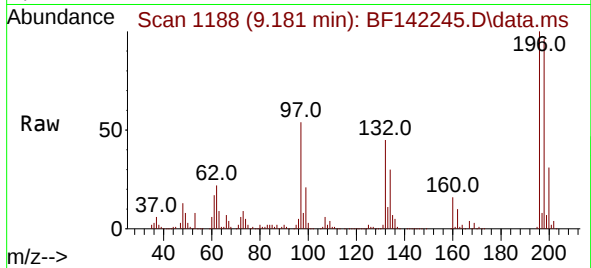
Tgt Ion: 330 Resp: 447862
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 29.9 24.3 36.5



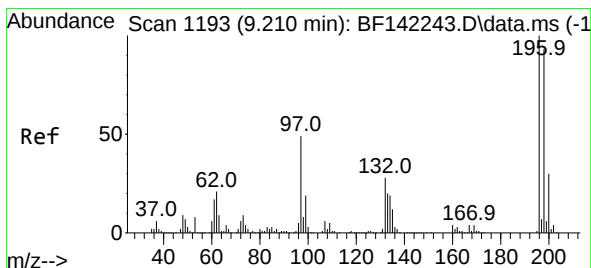
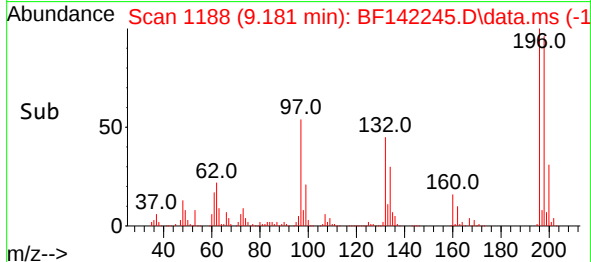
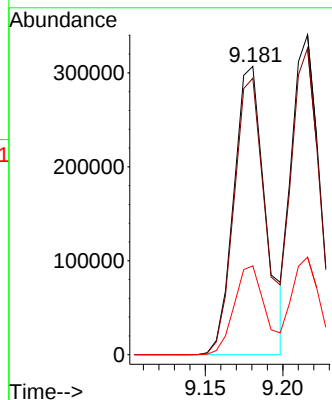


#43
2,4,6-Trichlorophenol
Concen: 65.514 ng
RT: 9.181 min Scan# 1188
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :

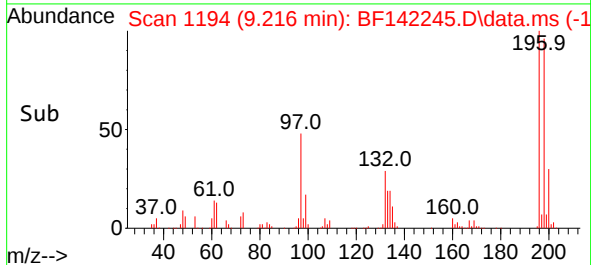
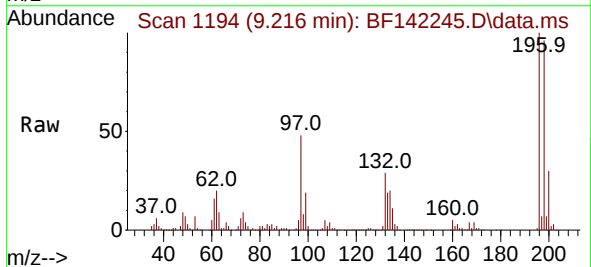
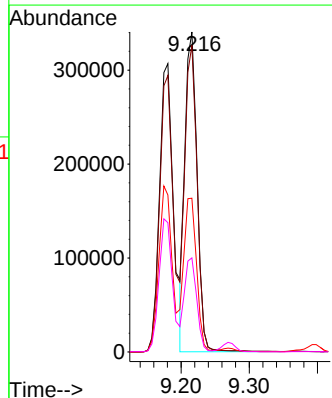


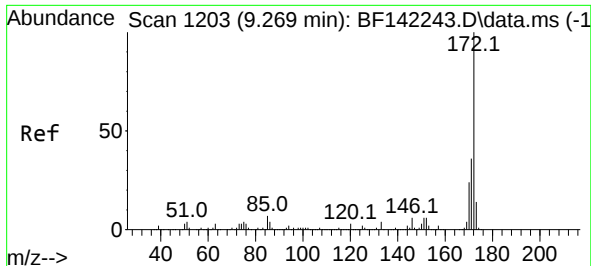
Tgt Ion:196 Resp: 433323
Ion Ratio Lower Upper
196 100
198 95.9 77.4 116.2
200 30.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 60.705 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:196 Resp: 422145
Ion Ratio Lower Upper
196 100
198 95.8 75.2 112.8
97 48.1 39.8 59.8
132 29.4 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 103.255 ng

RT: 9.269 min Scan# 1203

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

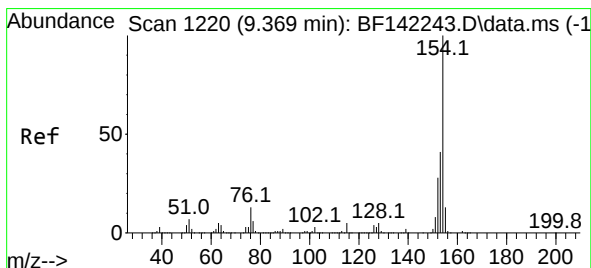
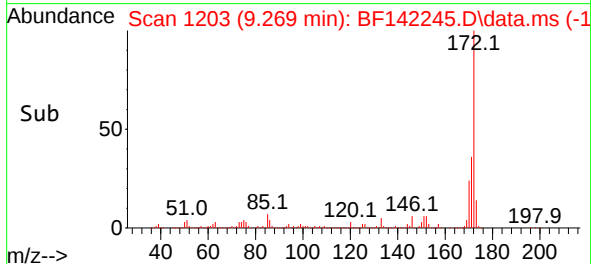
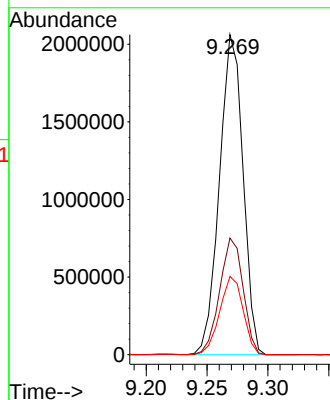
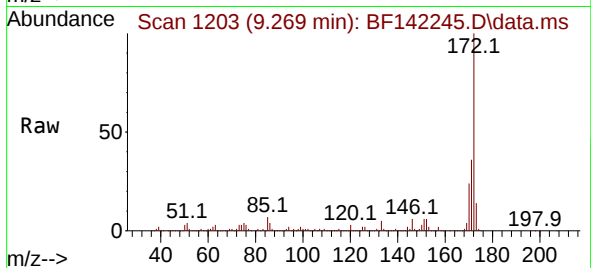
Tgt Ion:172 Resp: 2777485

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

170 24.4 19.4 29.0



#46

1,1'-Biphenyl

Concen: 55.372 ng

RT: 9.369 min Scan# 1220

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

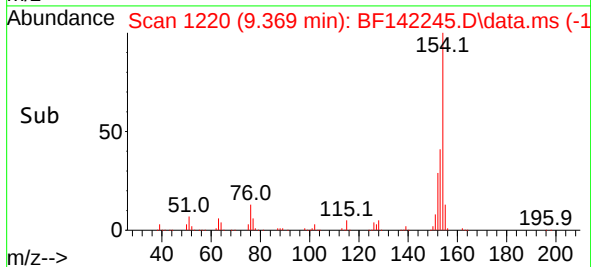
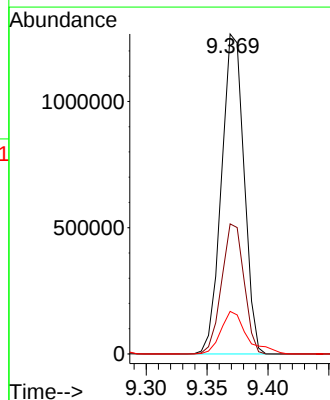
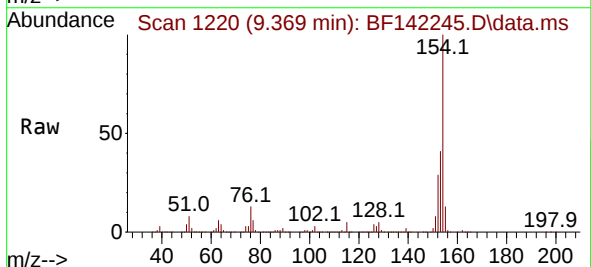
Tgt Ion:154 Resp: 1632628

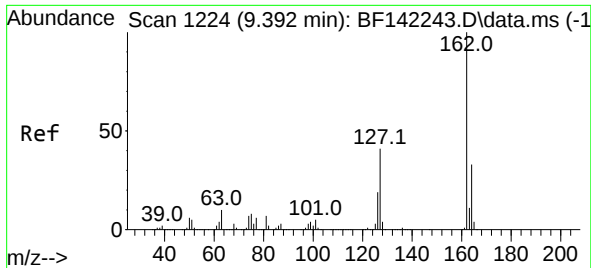
Ion Ratio Lower Upper

154 100

153 40.7 20.5 60.5

76 13.3 0.0 32.8

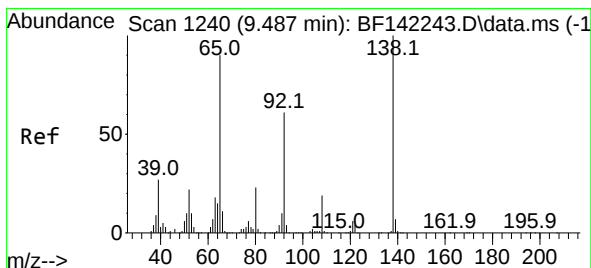
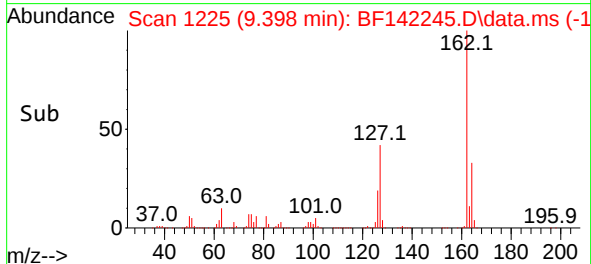
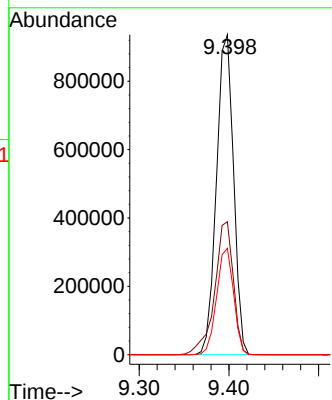
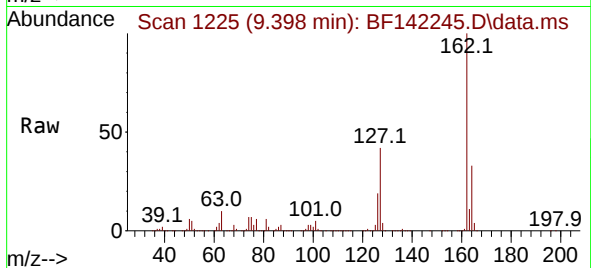




#47
2-Chloronaphthalene
Concen: 56.283 ng
RT: 9.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

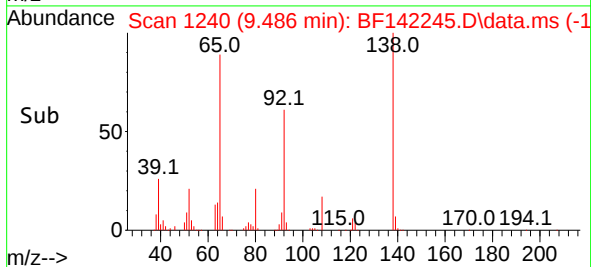
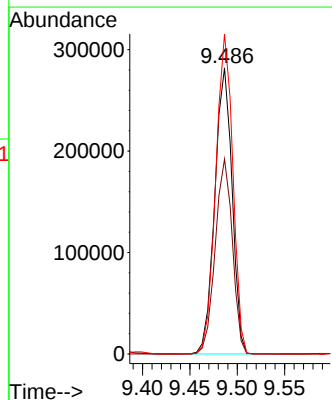
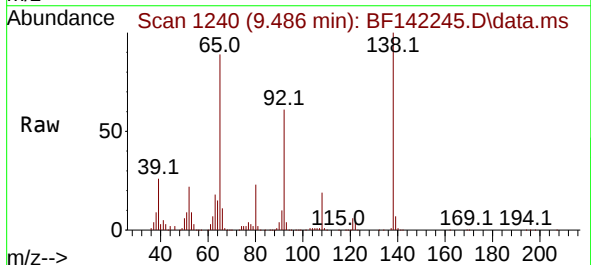
Instrument :
BNA_F
ClientSampleId :

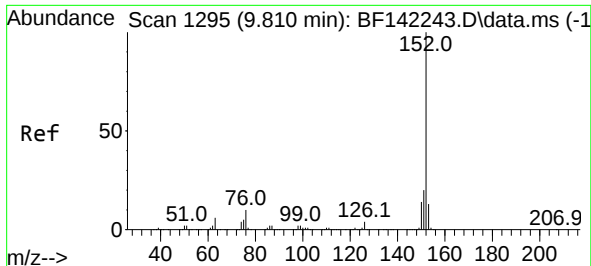
Tgt Ion:162 Resp: 1234670
Ion Ratio Lower Upper
162 100
127 41.6 32.6 49.0
164 33.2 26.1 39.1



#48
2-Nitroaniline
Concen: 60.490 ng
RT: 9.486 min Scan# 1240
Delta R.T. -0.001 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

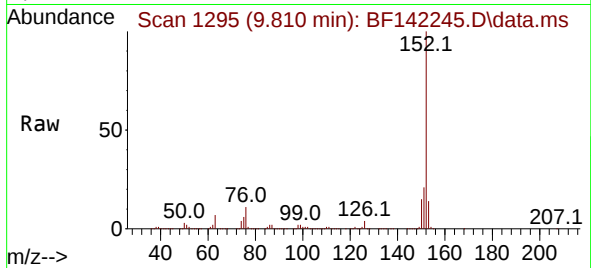
Tgt Ion: 65 Resp: 357897
Ion Ratio Lower Upper
65 100
92 68.1 54.3 81.5
138 111.9 88.6 133.0



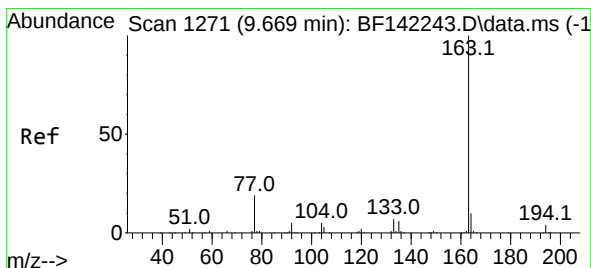
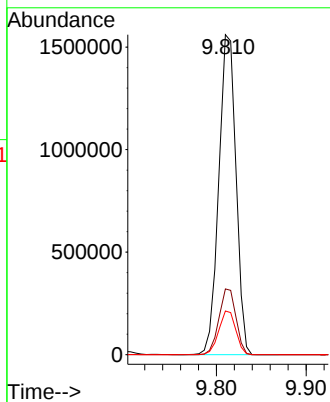
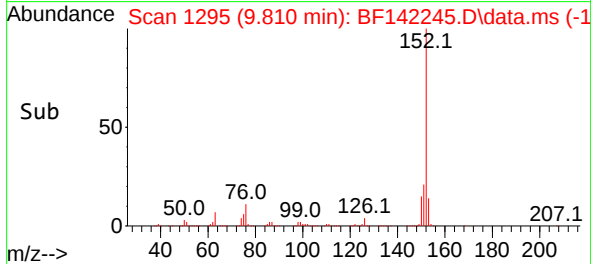


#49
Acenaphthylene
Concen: 56.175 ng
RT: 9.810 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

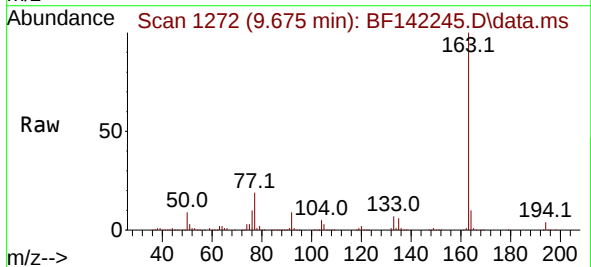
Instrument :
BNA_F
ClientSampleId :



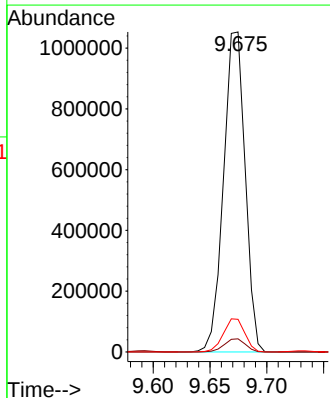
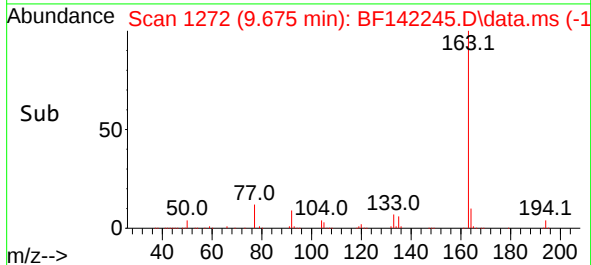
Tgt Ion:152 Resp: 2079452
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.6 10.7 16.1

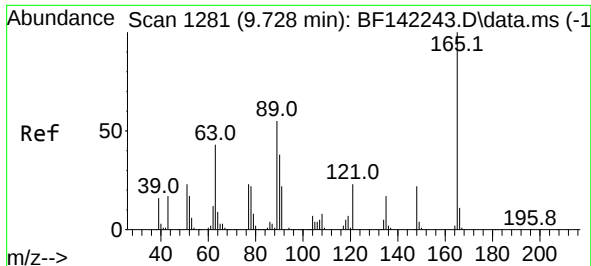


#50
Dimethylphthalate
Concen: 57.529 ng
RT: 9.675 min Scan# 1272
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:163 Resp: 1395869
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.2 8.2 12.2

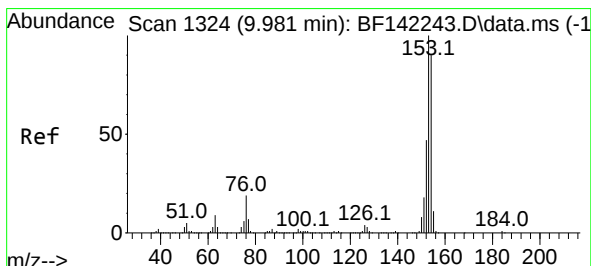
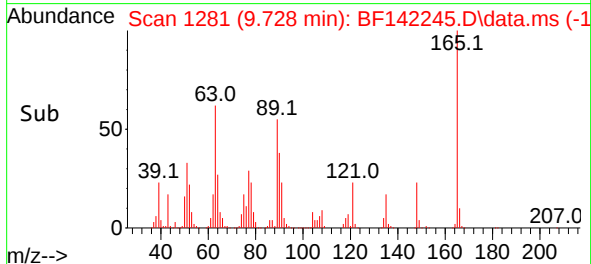
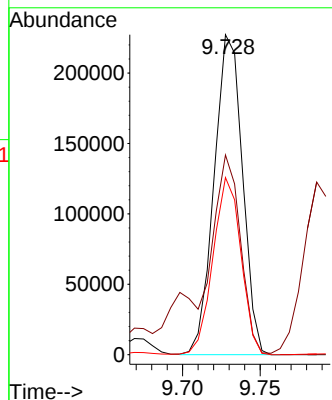
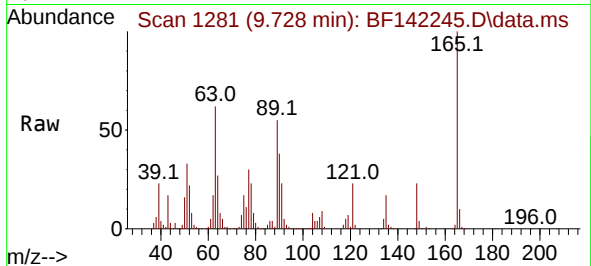




#51
2,6-Dinitrotoluene
Concen: 60.986 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

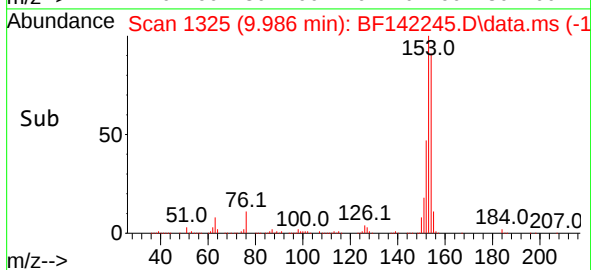
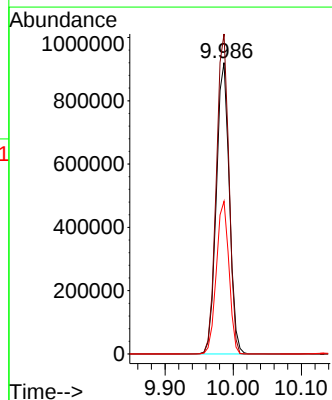
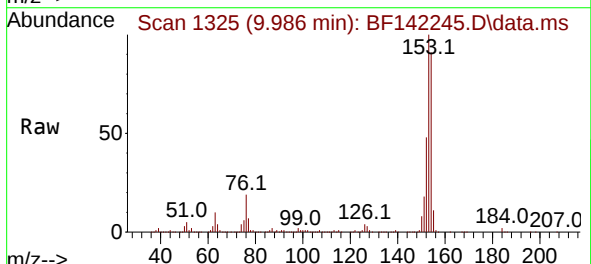
Instrument :
BNA_F
ClientSampleId :

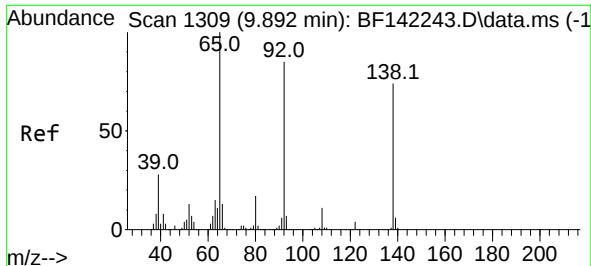
Tgt Ion:165 Resp: 289353
Ion Ratio Lower Upper
165 100
63 62.4 48.5 72.7
89 55.4 43.9 65.9



#52
Acenaphthene
Concen: 56.414 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:154 Resp: 1219341
Ion Ratio Lower Upper
154 100
153 109.8 88.6 133.0
152 52.4 42.1 63.1

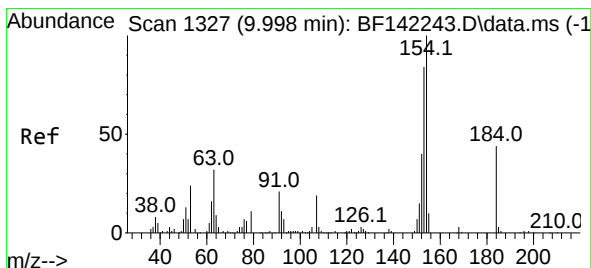
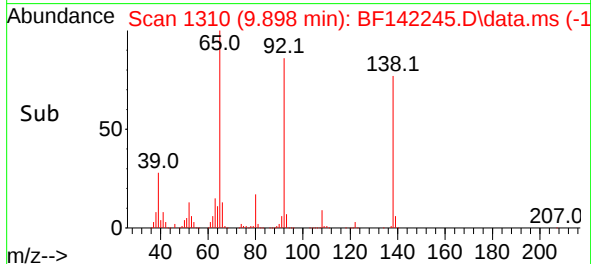
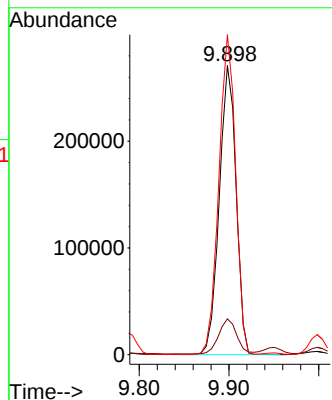
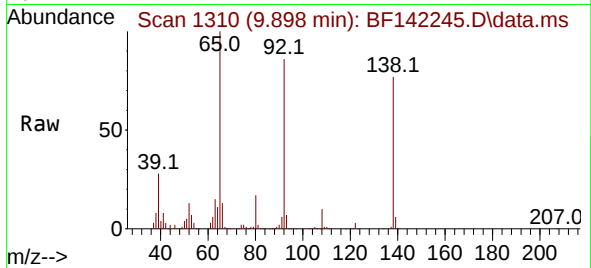




#53
3-Nitroaniline
Concen: 61.278 ng
RT: 9.898 min Scan# 1310
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

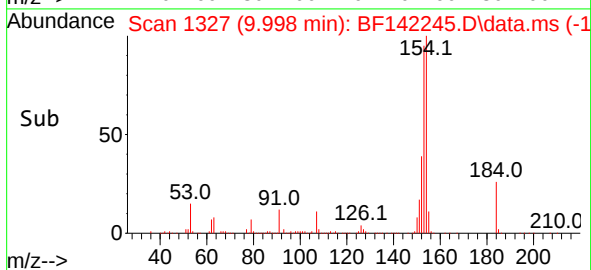
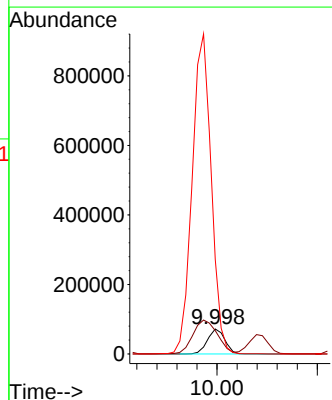
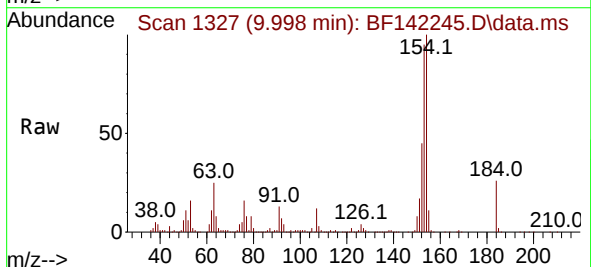
Instrument :
BNA_F
ClientSampleId :

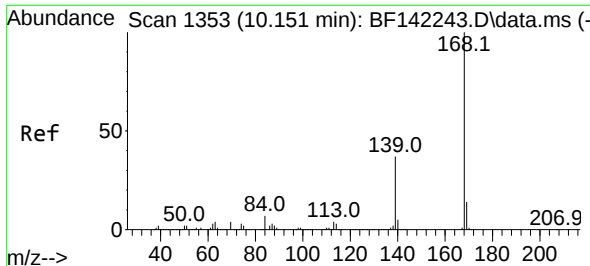
Tgt Ion:138 Resp: 352271
Ion Ratio Lower Upper
138 100
108 12.4 11.7 17.5
92 110.7 91.2 136.8



#54
2,4-Dinitrophenol
Concen: 61.133 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:184 Resp: 86520
Ion Ratio Lower Upper
184 100
63 93.7 69.2 103.8
154 379.9 271.4 407.2

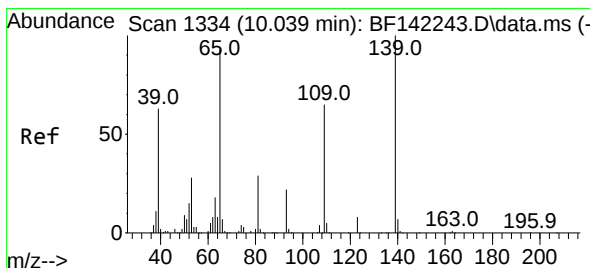
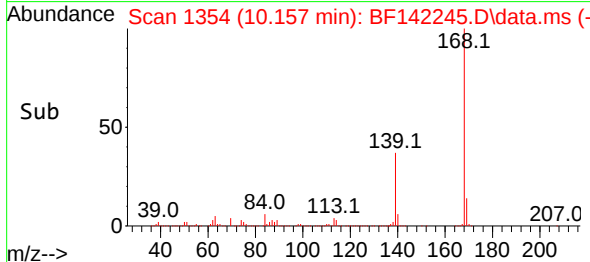
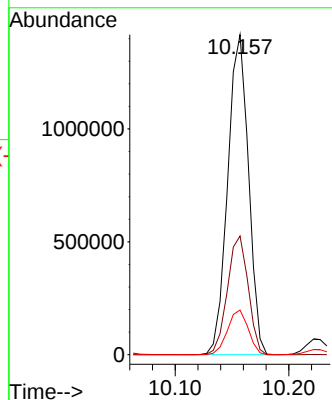
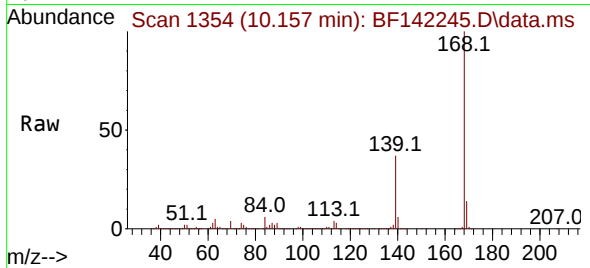




#55
Dibenzenofuran
Concen: 55.513 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

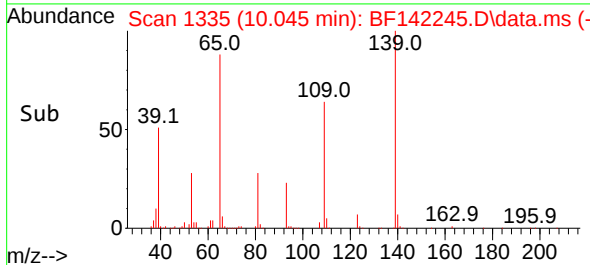
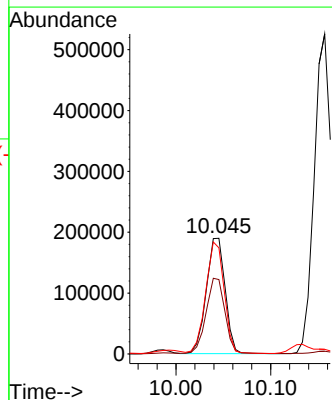
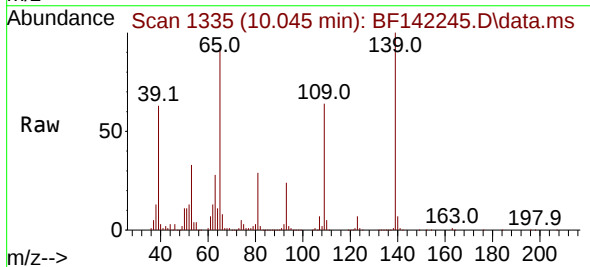
Instrument :
BNA_F
ClientSampleId :

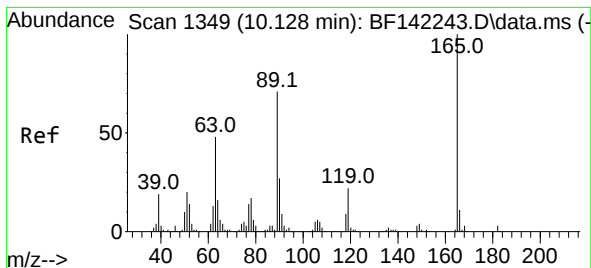
Tgt Ion:168 Resp: 1798627
Ion Ratio Lower Upper
168 100
139 37.1 29.4 44.0
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 68.694 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

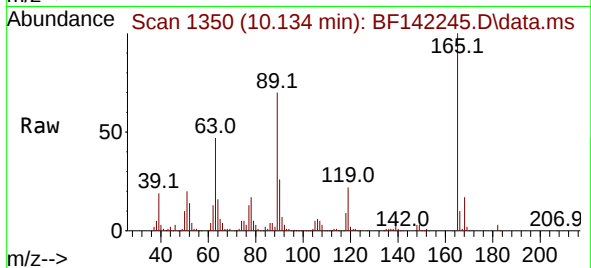
Tgt Ion:139 Resp: 261987
Ion Ratio Lower Upper
139 100
109 64.4 44.9 84.9
65 91.8 74.7 114.7



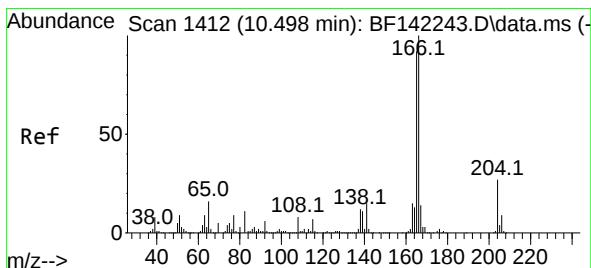
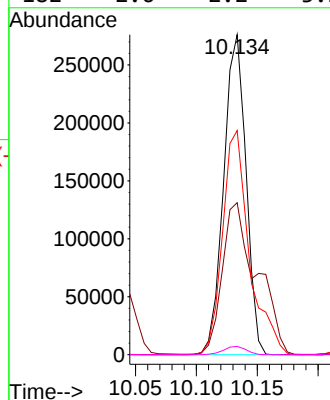
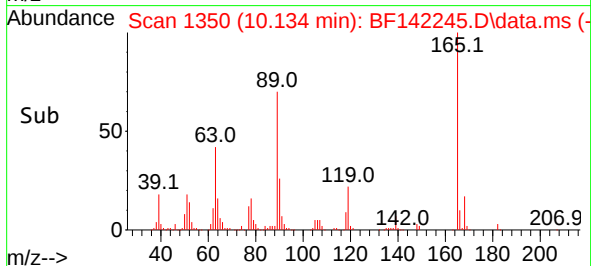


#57
2,4-Dinitrotoluene
Concen: 60.964 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Instrument :
BNA_F
ClientSampleId :

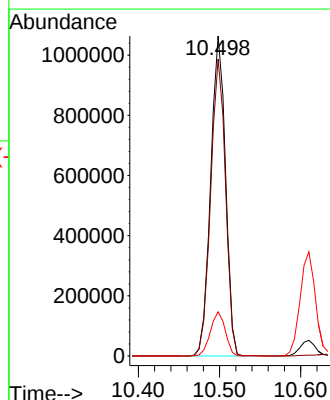
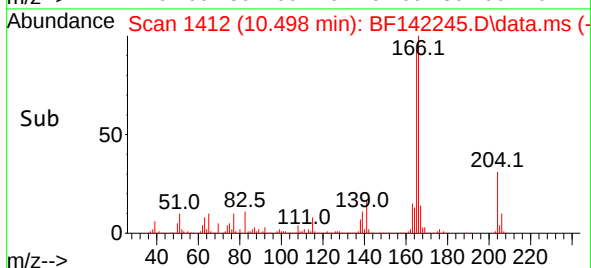
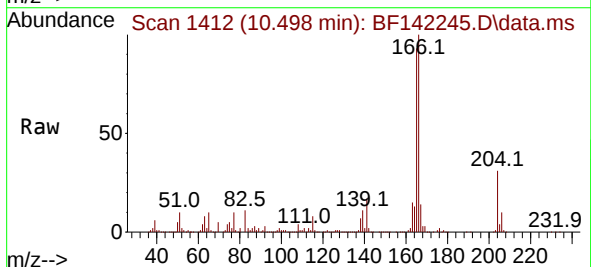


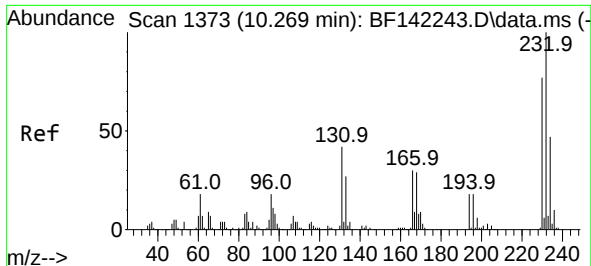
Tgt Ion:165 Resp: 352001
Ion Ratio Lower Upper
165 100
63 47.5 38.8 58.2
89 70.1 57.1 85.7
182 2.6 2.2 3.2



#58
Fluorene
Concen: 54.754 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:166 Resp: 1348902
Ion Ratio Lower Upper
166 100
165 92.8 73.9 110.9
167 13.8 10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 63.765 ng

RT: 10.269 min Scan# 1373

Delta R.T. -0.000 min

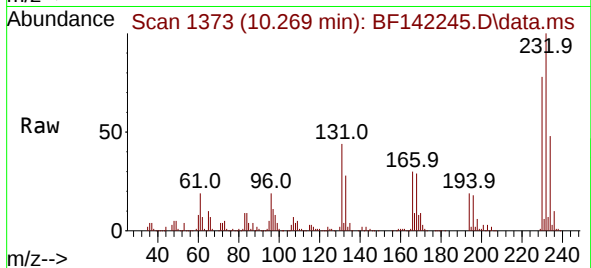
Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:232 Resp: 367314

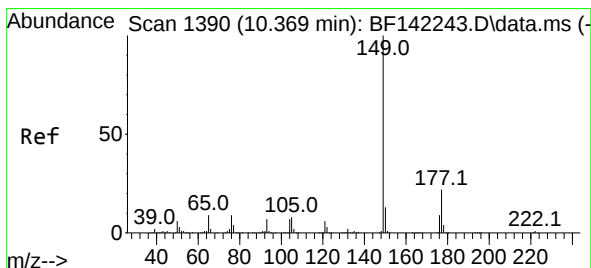
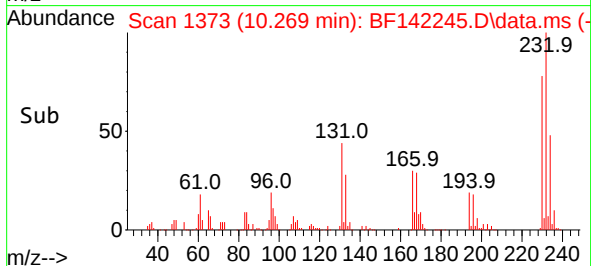
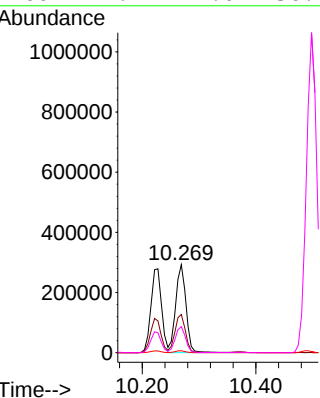
Ion Ratio Lower Upper

232 100

131 44.2 35.9 53.9

130 2.2 1.8 2.6

166 29.4 24.0 36.0



#60

Diethylphthalate

Concen: 57.717 ng

RT: 10.369 min Scan# 1390

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

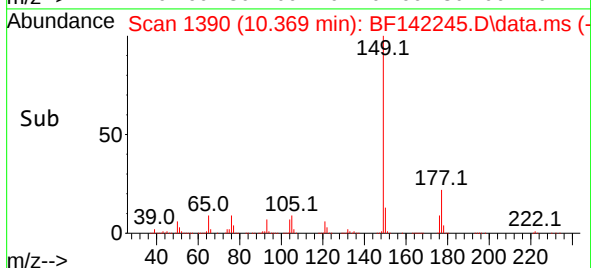
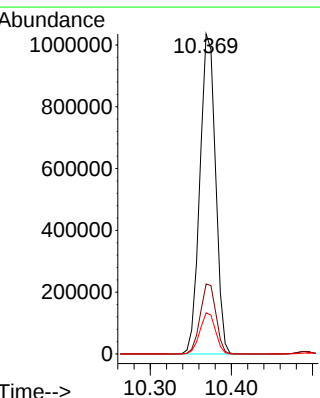
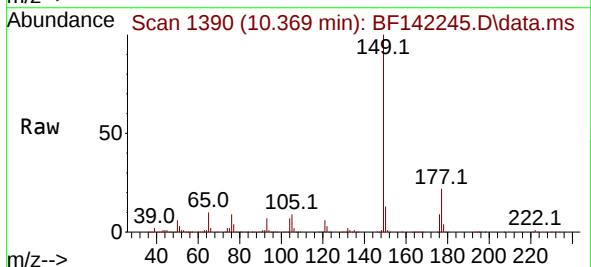
Tgt Ion:149 Resp: 1382905

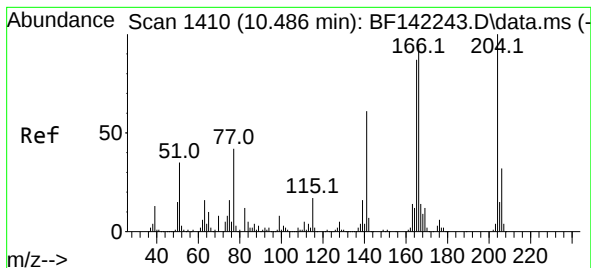
Ion Ratio Lower Upper

149 100

177 21.8 17.6 26.4

150 12.8 10.2 15.2

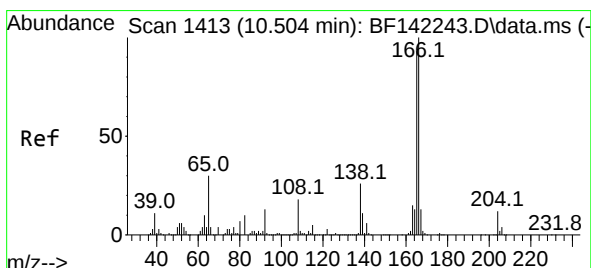
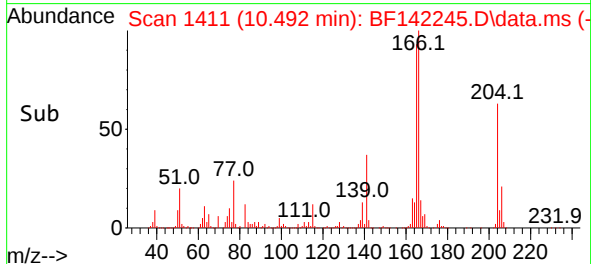
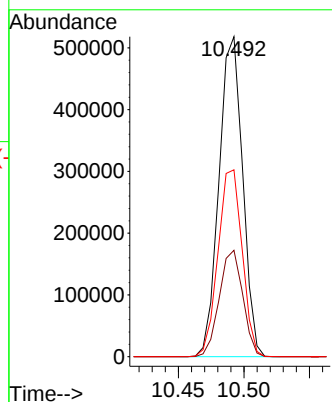
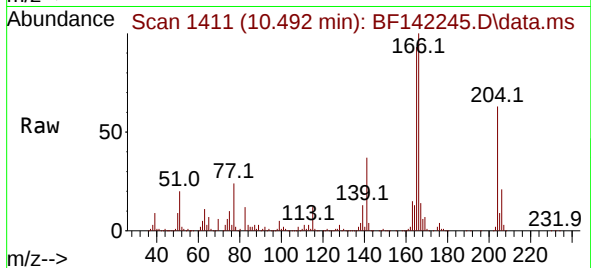




#61
4-Chlorophenyl-phenylether
Concen: 55.466 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

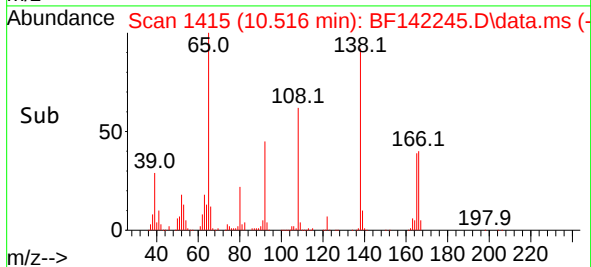
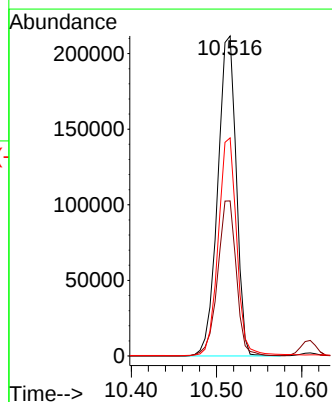
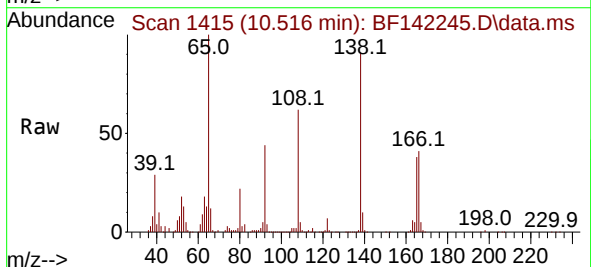
Instrument :
BNA_F
ClientSampleId :

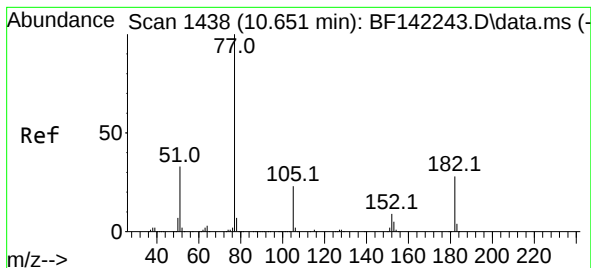
Tgt Ion:204 Resp: 648920
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 58.4 48.9 73.3



#62
4-Nitroaniline
Concen: 61.243 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.012 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:138 Resp: 319292
Ion Ratio Lower Upper
138 100
92 48.4 29.2 69.2
108 68.2 49.1 89.1





#63

Azobenzene

Concen: 57.603 ng

RT: 10.651 min Scan# 1438

Delta R.T. -0.000 min

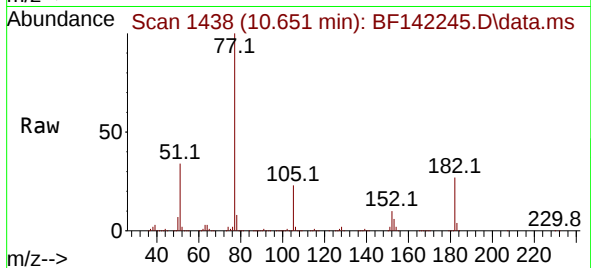
Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :



Tgt Ion: 77 Resp: 1362906

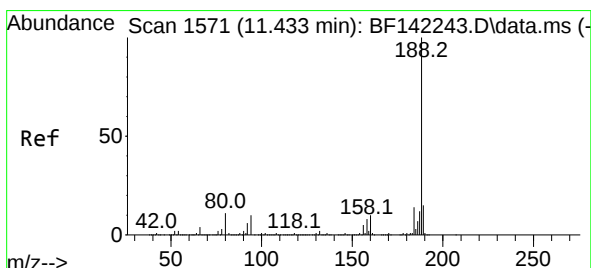
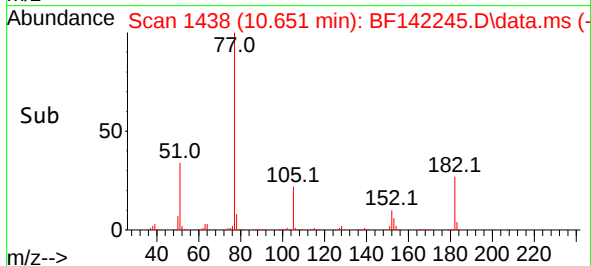
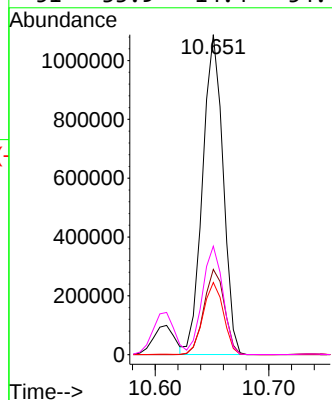
Ion Ratio Lower Upper

77 100

182 26.7 7.3 47.3

105 22.5 2.5 42.5

51 33.9 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: BF142245.D

Acq: 30 Apr 2025 14:15

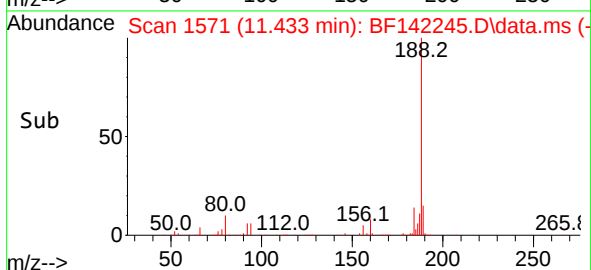
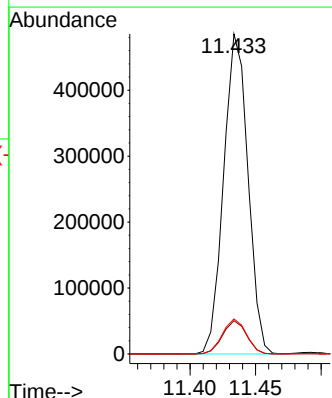
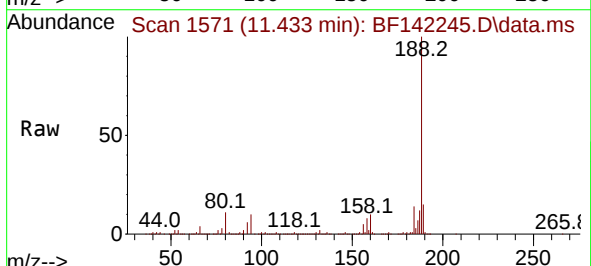
Tgt Ion:188 Resp: 624729

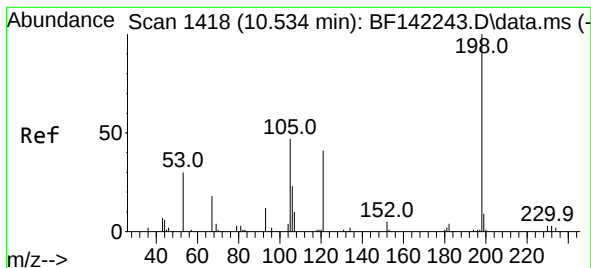
Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

80 11.0 8.6 12.8

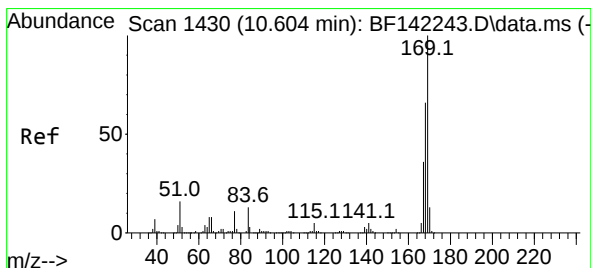
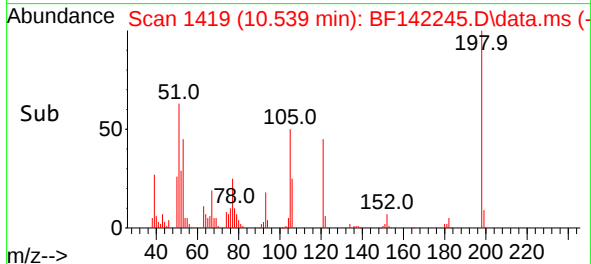
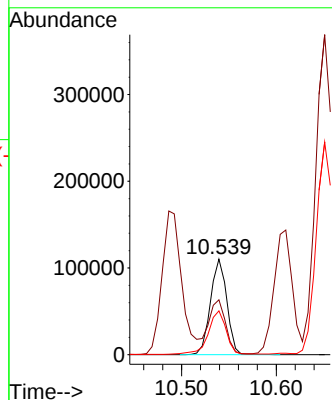
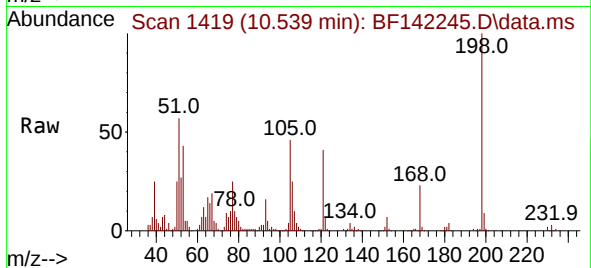




#65
4,6-Dinitro-2-methylphenol
Concen: 60.646 ng
RT: 10.539 min Scan# 1418
Delta R.T. 0.005 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

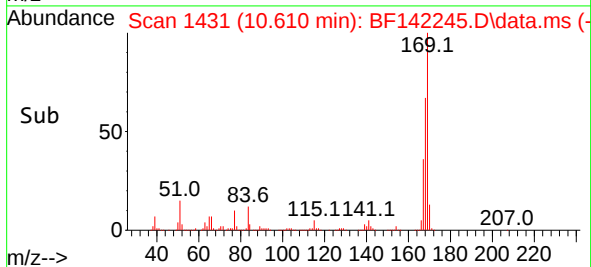
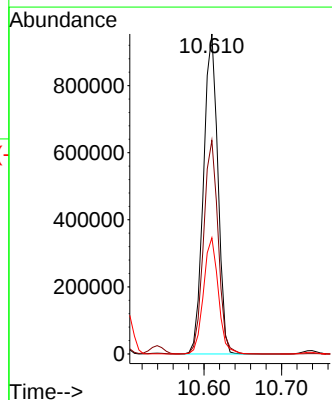
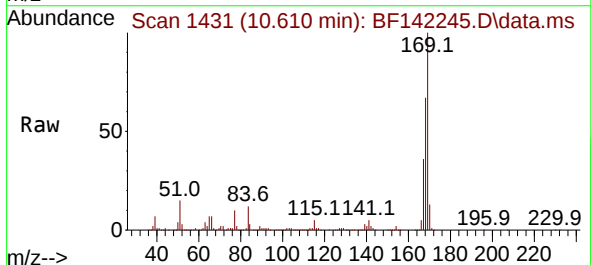
Instrument :
BNA_F
ClientSampleId :

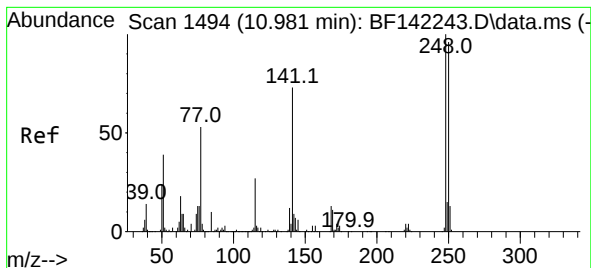
Tgt Ion:198 Resp: 132189
Ion Ratio Lower Upper
198 100
51 57.5 40.6 80.6
105 45.8 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 57.351 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

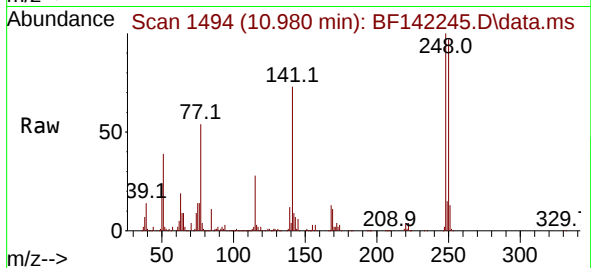
Tgt Ion:169 Resp: 1224189
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.6
167 36.3 28.8 43.2



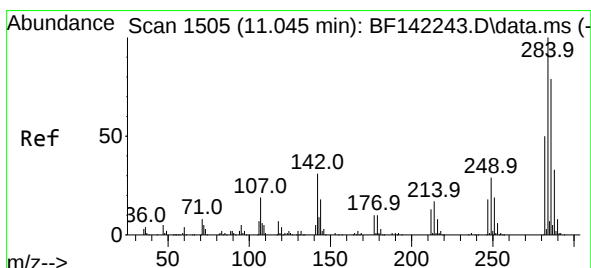
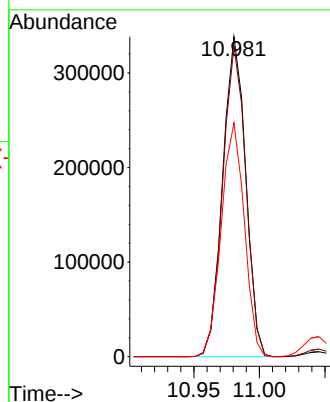
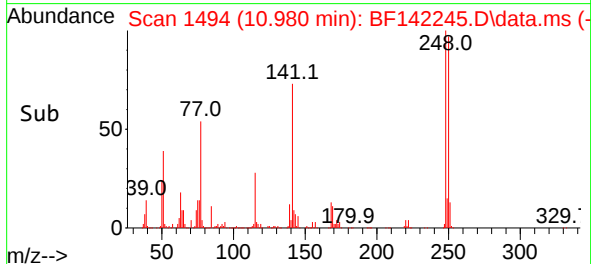


#67
4-Bromophenyl-phenylether
Concen: 59.371 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

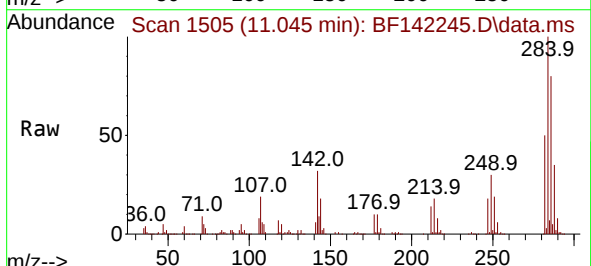
Instrument :
BNA_F
ClientSampleId :



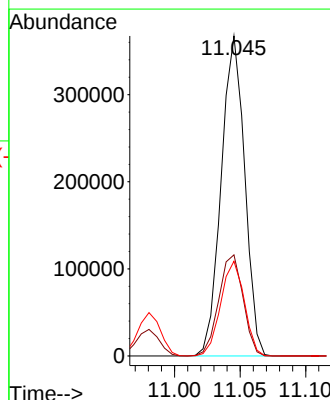
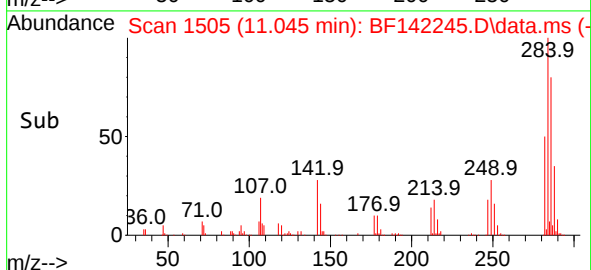
Tgt Ion:248 Resp: 413069
Ion Ratio Lower Upper
248 100
250 97.0 77.2 115.8
141 73.0 58.4 87.6

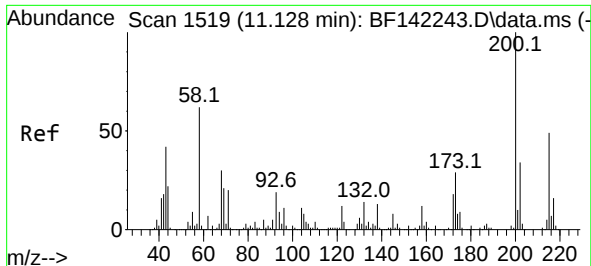


#68
Hexachlorobenzene
Concen: 58.689 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:284 Resp: 457317
Ion Ratio Lower Upper
284 100
142 31.6 24.6 37.0
249 29.6 23.2 34.8

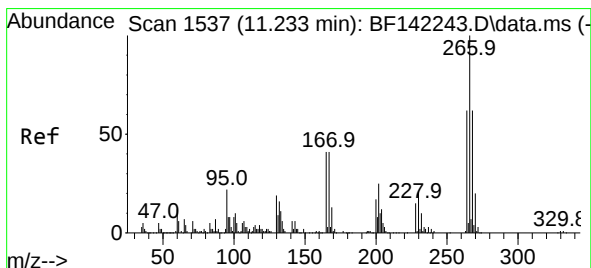
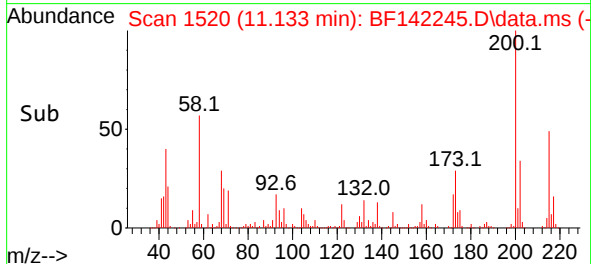
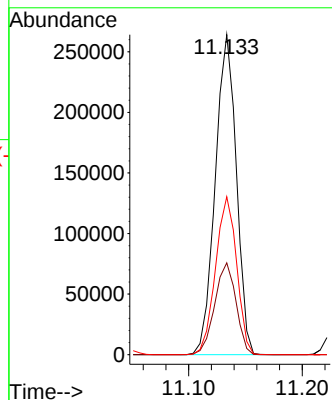
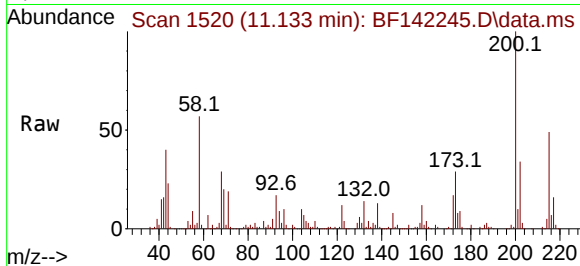




#69
Atrazine
Concen: 60.513 ng
RT: 11.133 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

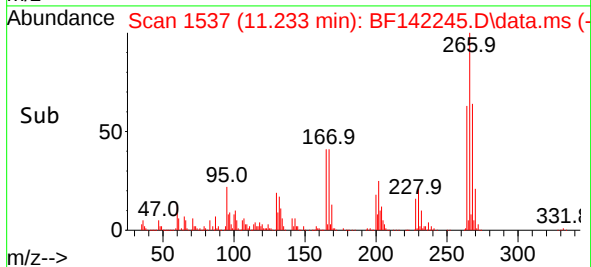
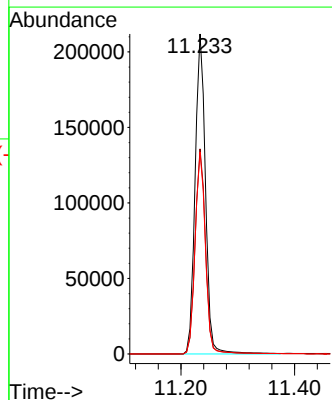
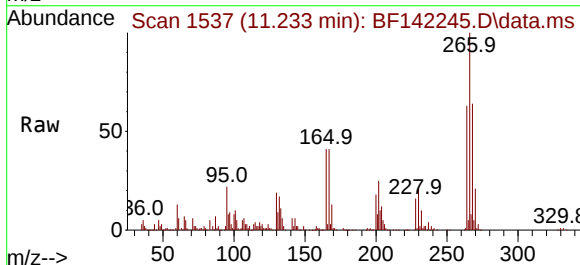
Instrument :
BNA_F
ClientSampleId :

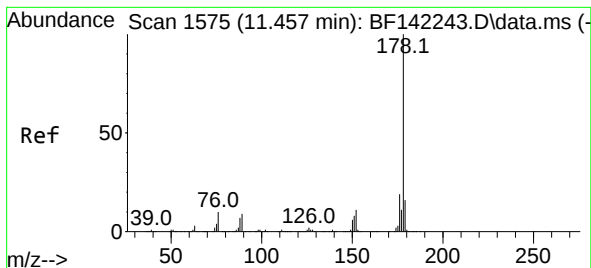
Tgt Ion:200 Resp: 340471
Ion Ratio Lower Upper
200 100
173 28.7 8.6 48.6
215 49.3 28.5 68.5



#70
Pentachlorophenol
Concen: 65.710 ng
RT: 11.233 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:266 Resp: 270497
Ion Ratio Lower Upper
266 100
268 64.1 50.0 75.0
264 63.1 49.3 73.9





#71

Phenanthrene

Concen: 55.249 ng

RT: 11.463 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

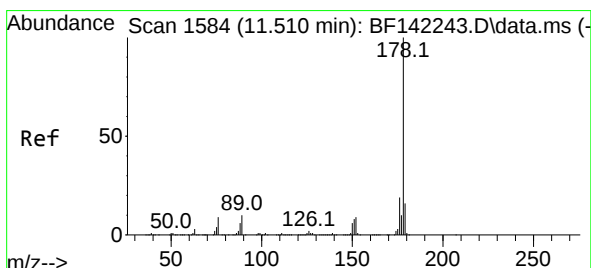
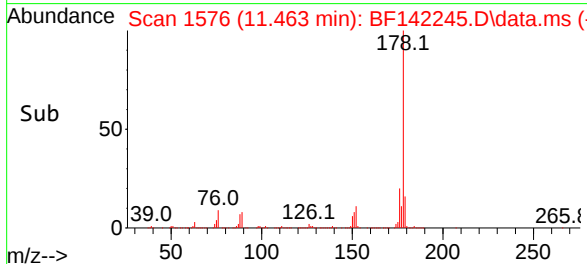
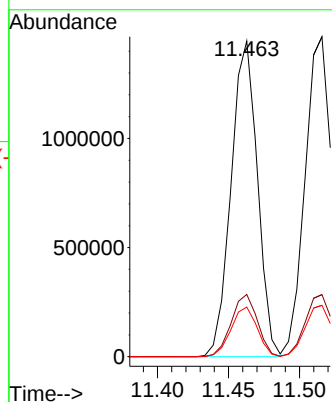
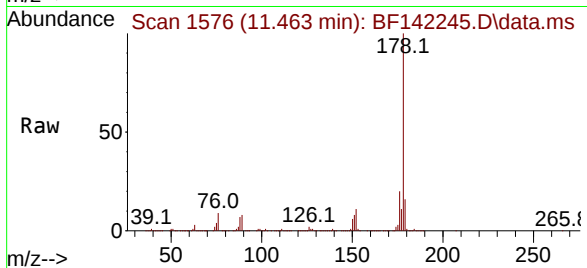
Tgt Ion:178 Resp: 1864413

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.7 12.6 19.0



#72

Anthracene

Concen: 55.673 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

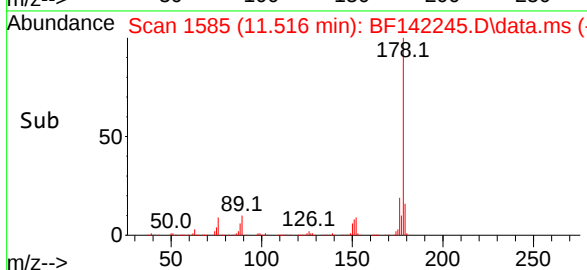
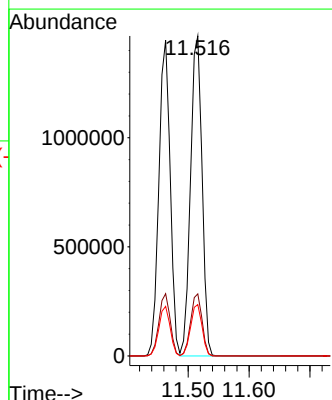
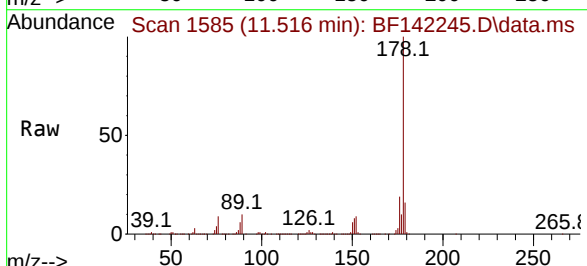
Tgt Ion:178 Resp: 1920817

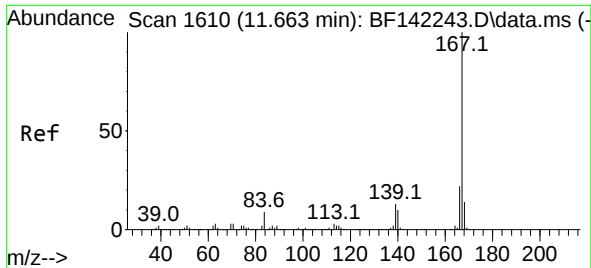
Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 16.0 12.7 19.1



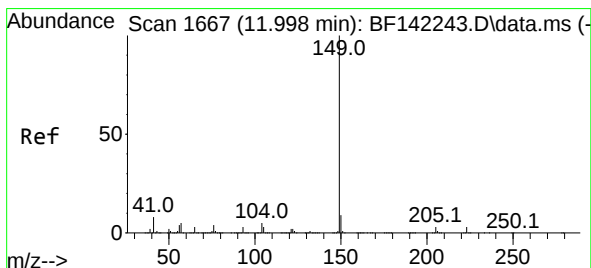
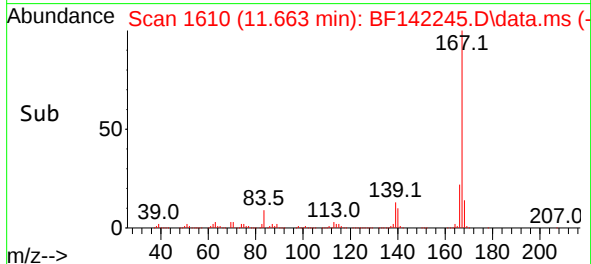
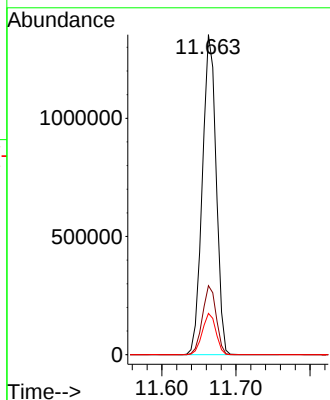
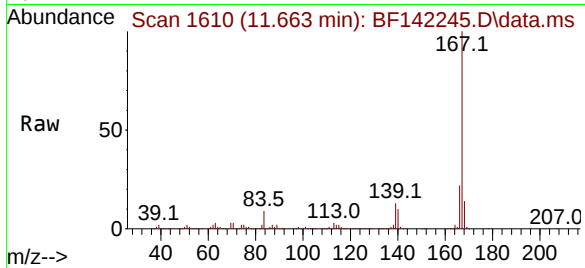


#73
 Carbazole
 Concen: 55.651 ng
 RT: 11.663 min Scan# 1610
 Delta R.T. -0.000 min
 Lab File: BF142245.D
 Acq: 30 Apr 2025 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:167 Resp: 1751538

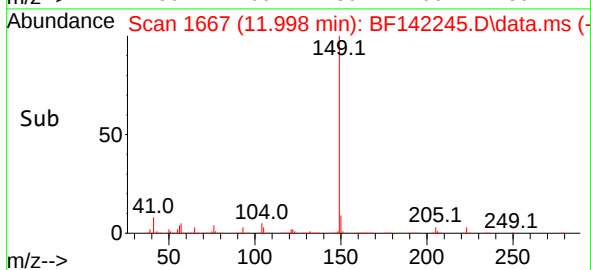
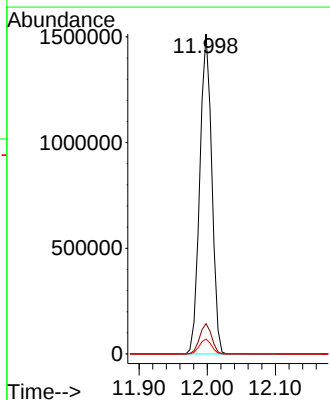
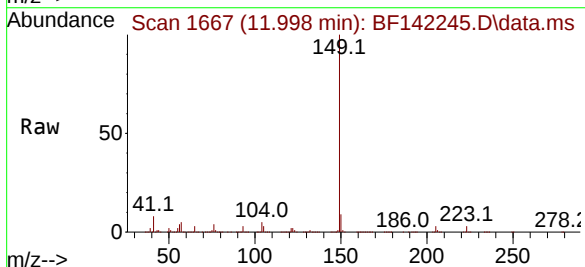
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.3	25.9
139	12.9	10.3	15.5

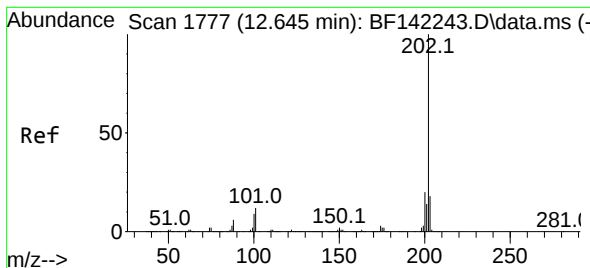


#74
 Di-n-butylphthalate
 Concen: 58.511 ng
 RT: 11.998 min Scan# 1667
 Delta R.T. -0.000 min
 Lab File: BF142245.D
 Acq: 30 Apr 2025 14:15

Tgt Ion:149 Resp: 1852105

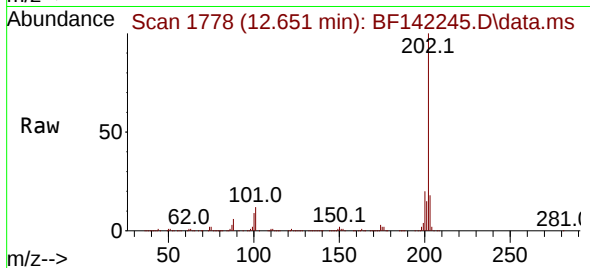
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.6	3.6	5.4



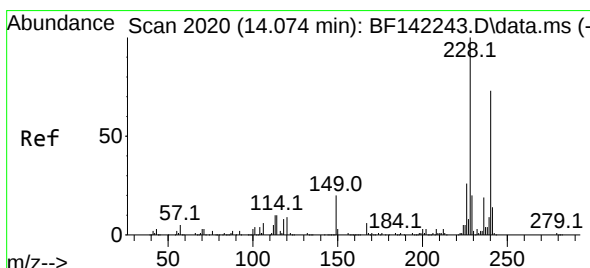
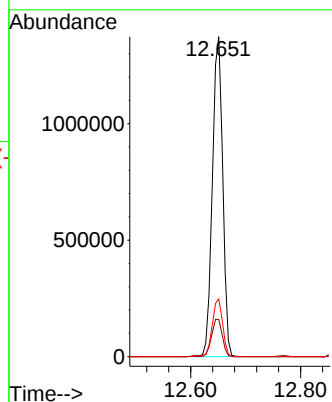
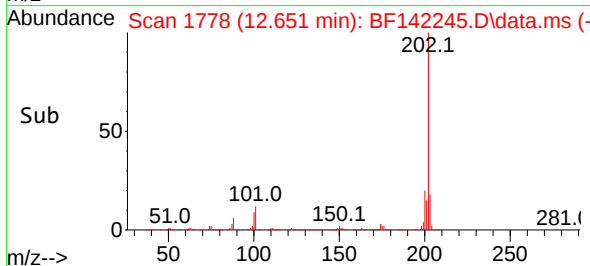


#75
Fluoranthene
Concen: 53.793 ng
RT: 12.651 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

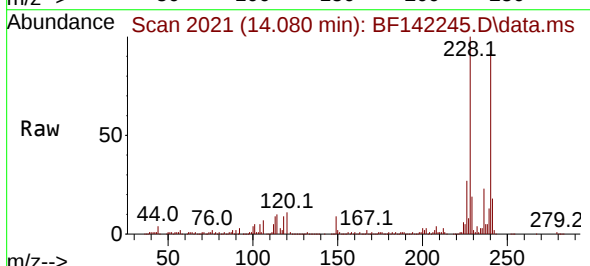
Instrument :
BNA_F
ClientSampleId :



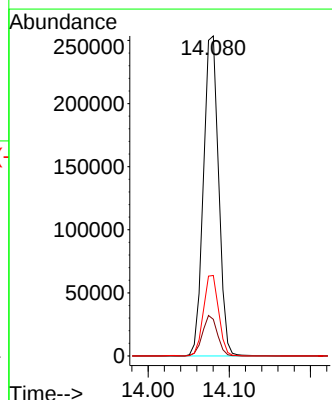
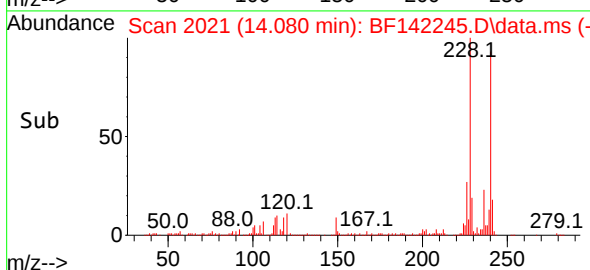
Tgt Ion:202 Resp: 1794425
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.4
203 18.0 0.0 37.5

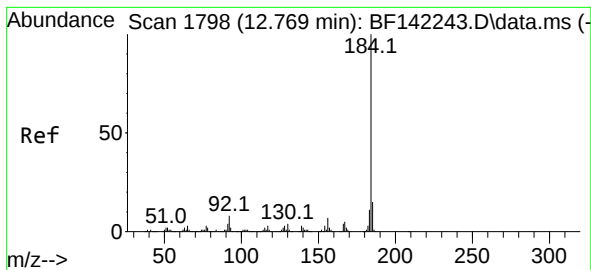


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15



Tgt Ion:240 Resp: 328990
Ion Ratio Lower Upper
240 100
120 11.4 10.1 15.1
236 25.2 20.5 30.7





#77

Benzidine

Concen: 63.206 ng

RT: 12.769 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

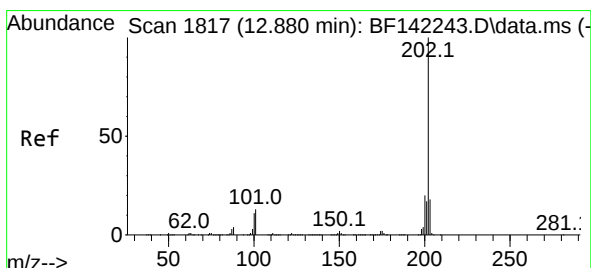
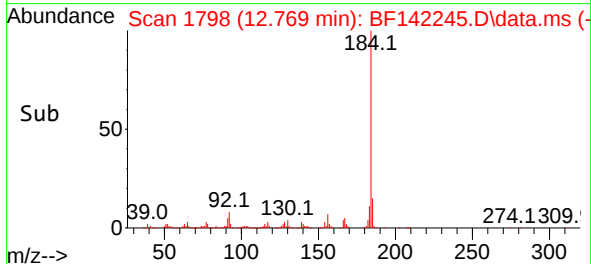
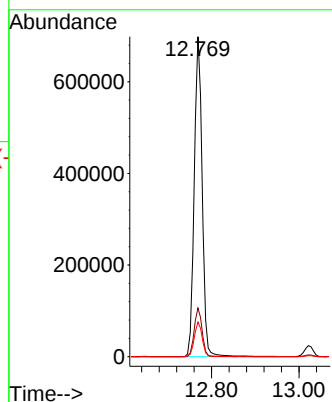
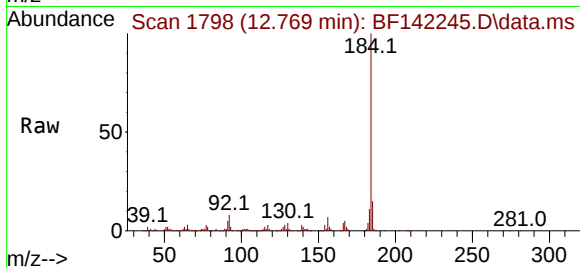
Tgt Ion:184 Resp: 883568

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.6

183 10.8 8.9 13.3



#78

Pyrene

Concen: 59.627 ng

RT: 12.880 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

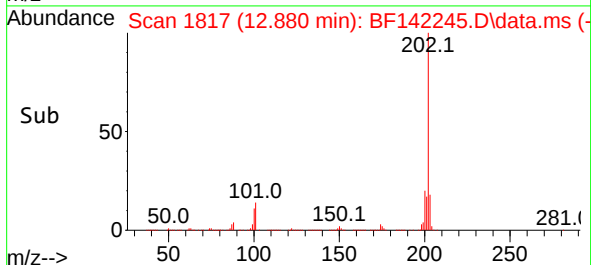
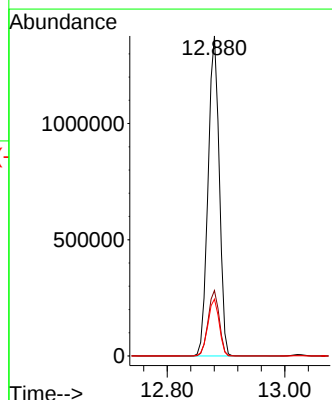
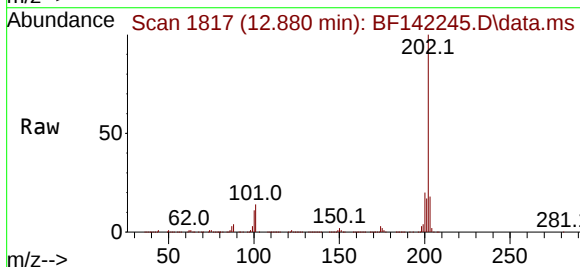
Tgt Ion:202 Resp: 1809576

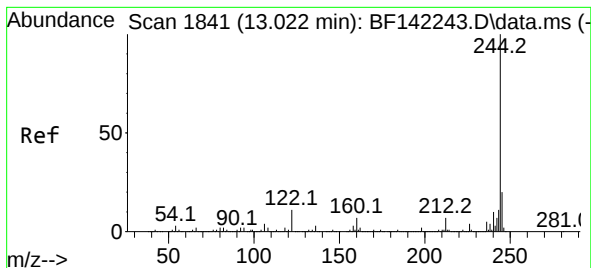
Ion Ratio Lower Upper

202 100

200 20.5 16.1 24.1

203 17.8 14.1 21.1





#79

Terphenyl-d14

Concen: 112.585 ng

RT: 13.022 min Scan# 1841

Delta R.T. -0.000 min

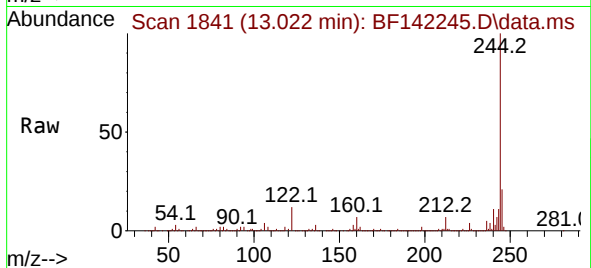
Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :



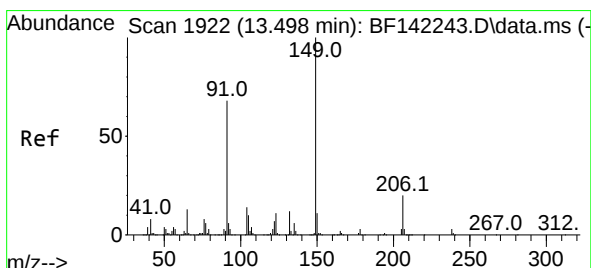
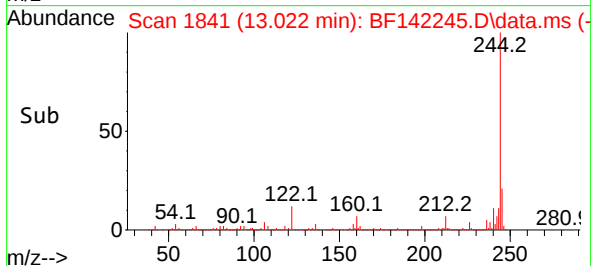
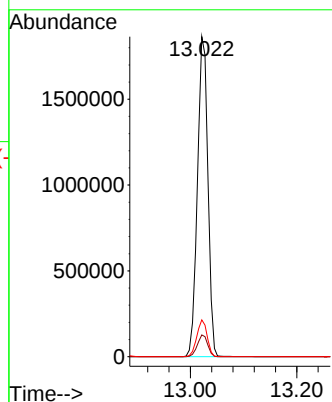
Tgt Ion:244 Resp: 2546694

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 11.5 9.1 13.7



#80

Butylbenzylphthalate

Concen: 61.167 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

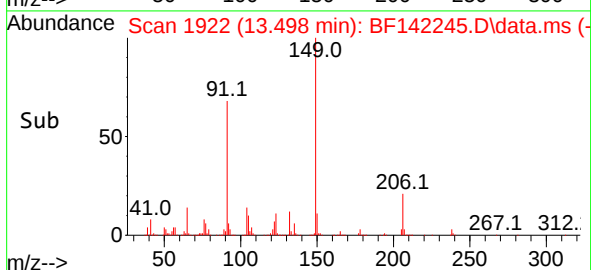
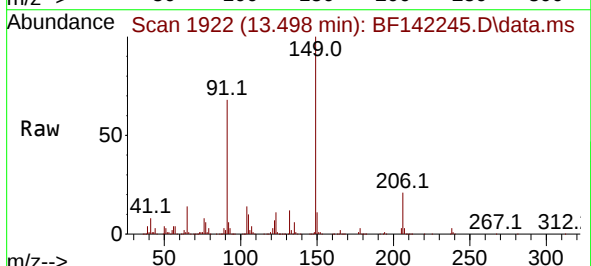
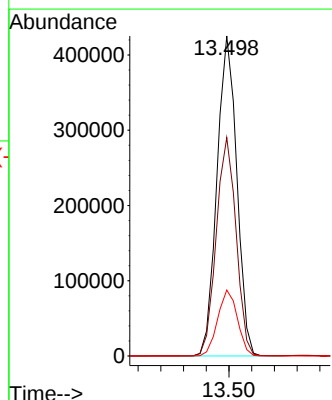
Tgt Ion:149 Resp: 516723

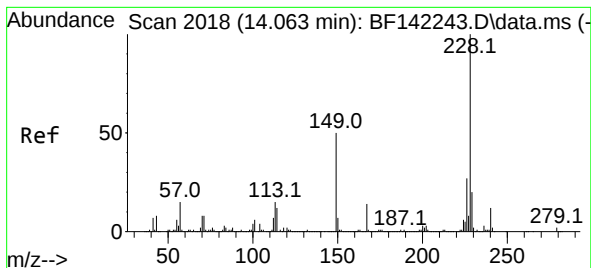
Ion Ratio Lower Upper

149 100

91 68.3 54.4 81.6

206 20.6 15.9 23.9





#81

Benzo(a)anthracene

Concen: 58.829 ng

RT: 14.069 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

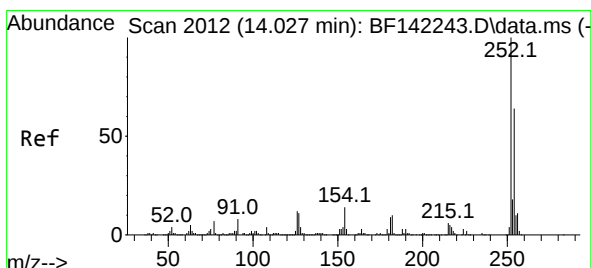
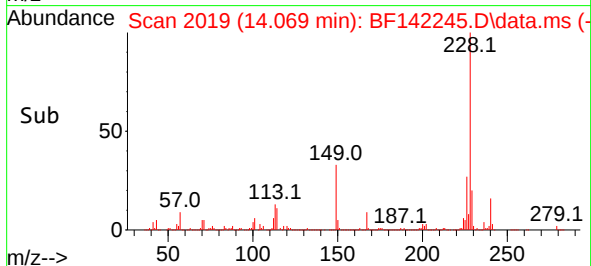
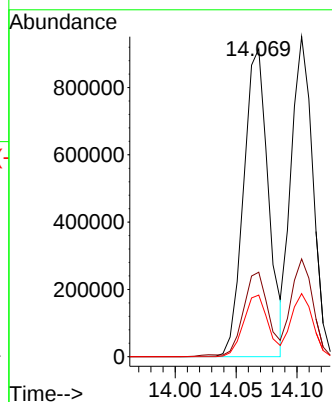
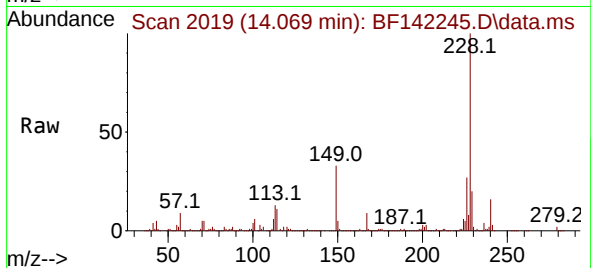
Tgt Ion:228 Resp: 1299270

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 20.0 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 68.582 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

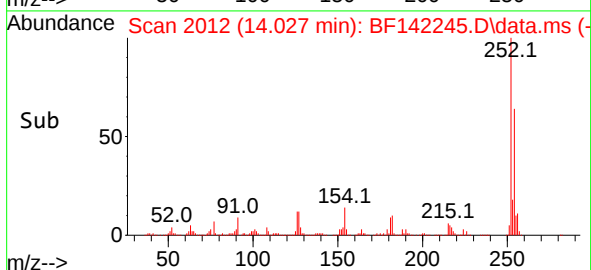
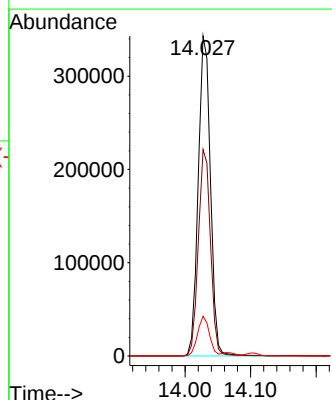
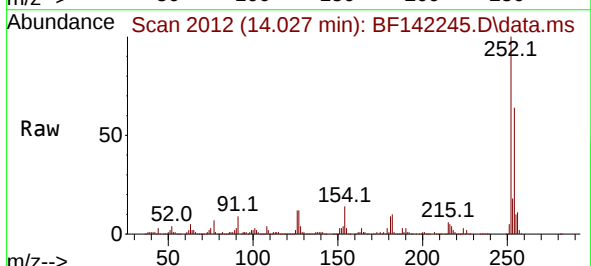
Tgt Ion:252 Resp: 444901

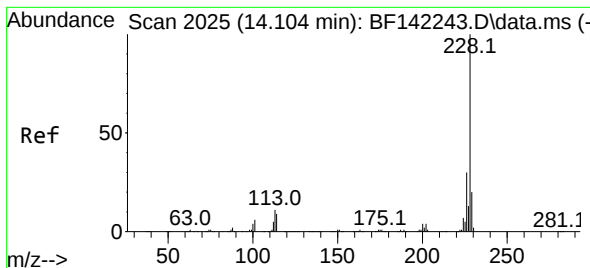
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.6

126 12.4 9.4 14.2





#83

Chrysene

Concen: 58.781 ng

RT: 14.104 min Scan# 2025

Delta R.T. -0.000 min

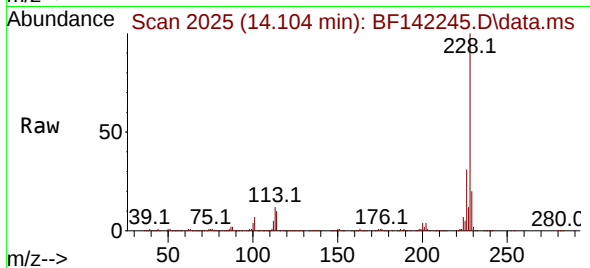
Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :



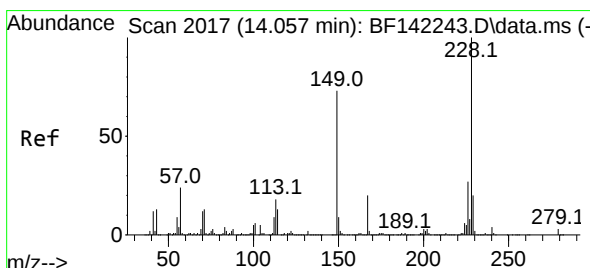
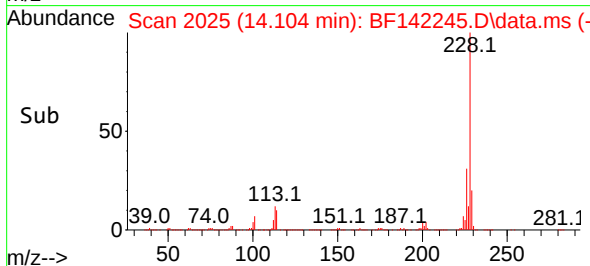
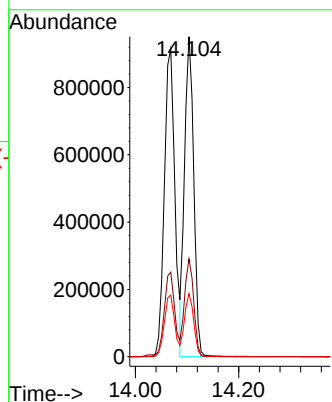
Tgt Ion:228 Resp: 1181729

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.002 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

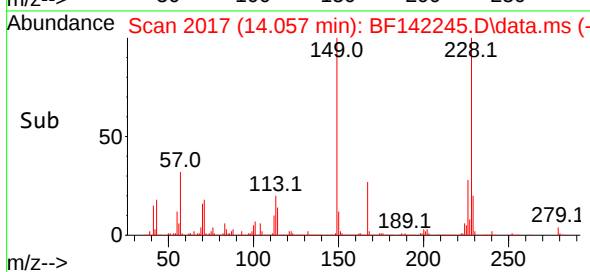
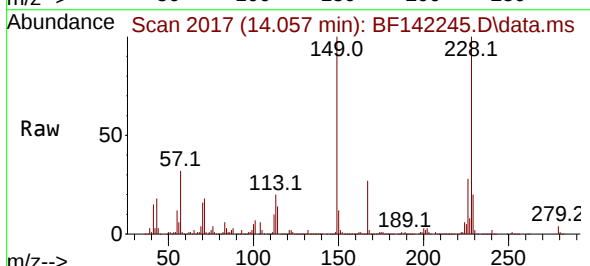
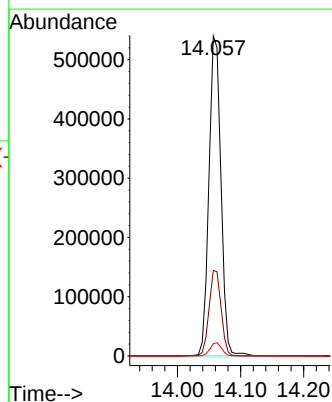
Tgt Ion:149 Resp: 712716

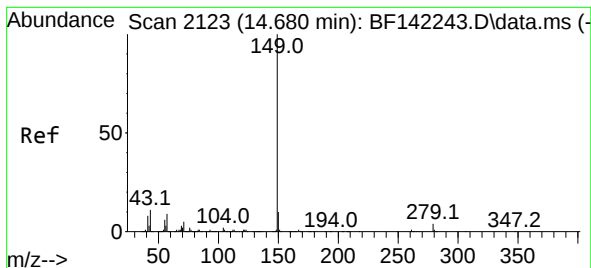
Ion Ratio Lower Upper

149 100

167 26.8 21.7 32.5

279 3.8 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 61.204 ng

RT: 14.680 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

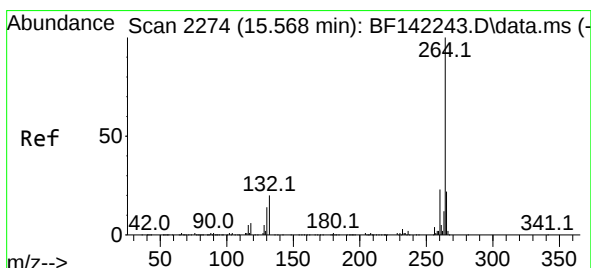
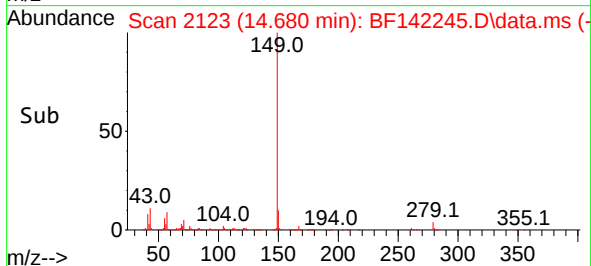
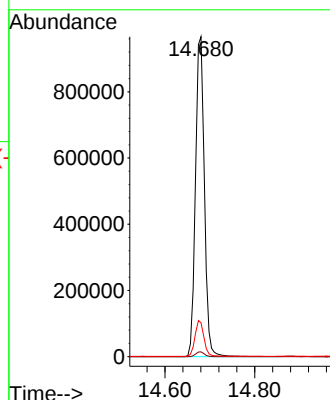
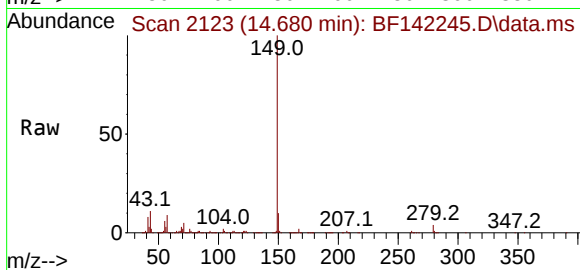
Tgt Ion:149 Resp: 1329733

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.3 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: BF142245.D

Acq: 30 Apr 2025 14:15

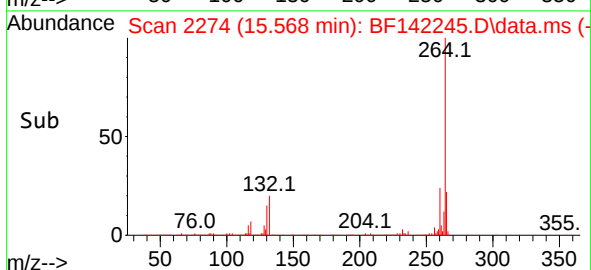
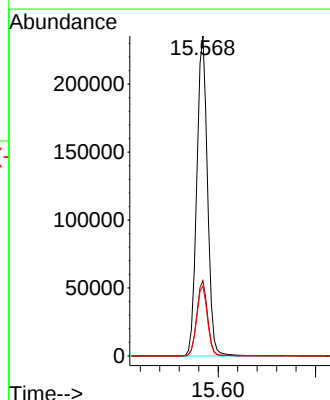
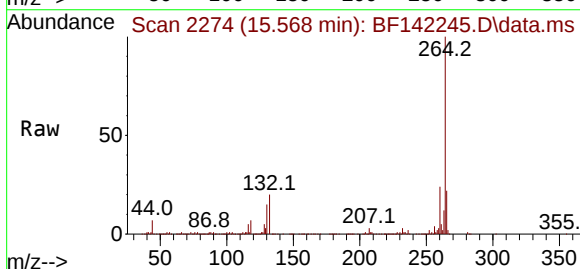
Tgt Ion:264 Resp: 361305

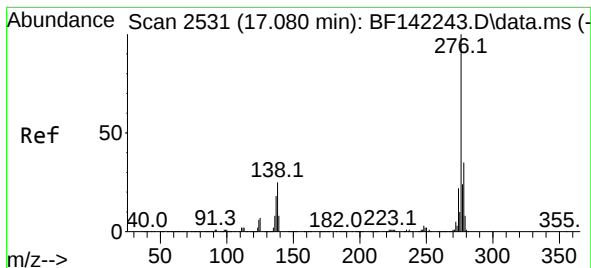
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.012 ng

RT: 17.086 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

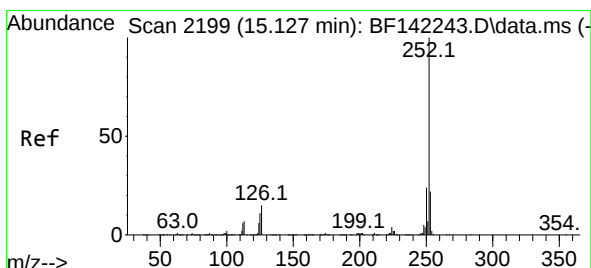
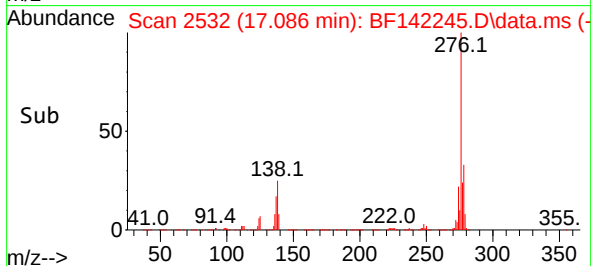
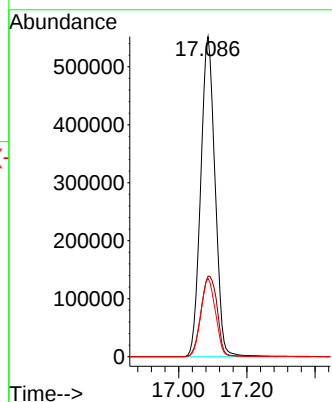
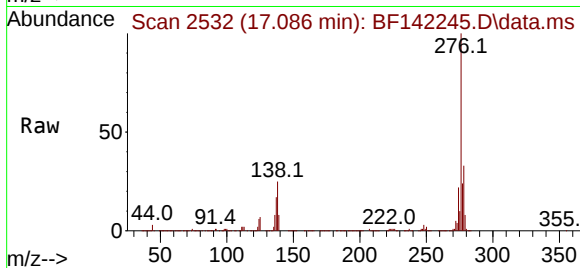
Tgt Ion:276 Resp: 1614650

Ion Ratio Lower Upper

276 100

138 28.5 22.6 33.8

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 56.836 ng

RT: 15.127 min Scan# 2199

Delta R.T. -0.000 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

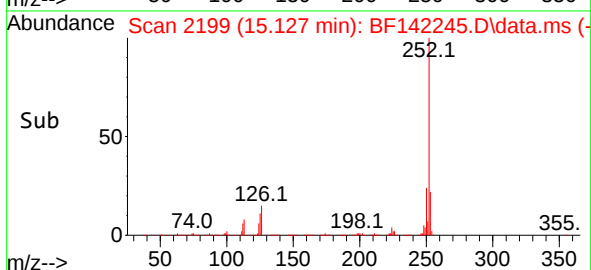
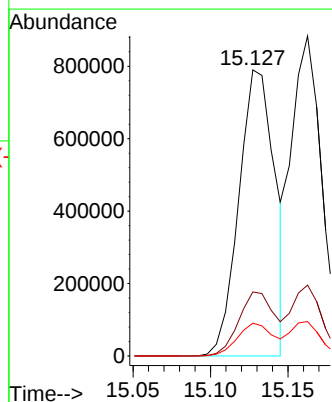
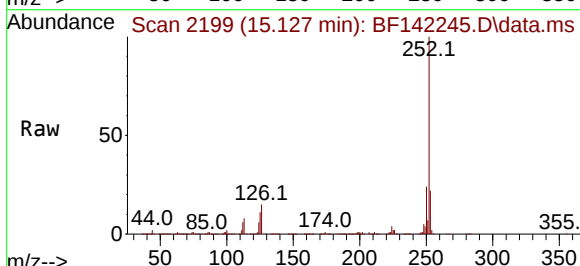
Tgt Ion:252 Resp: 1275552

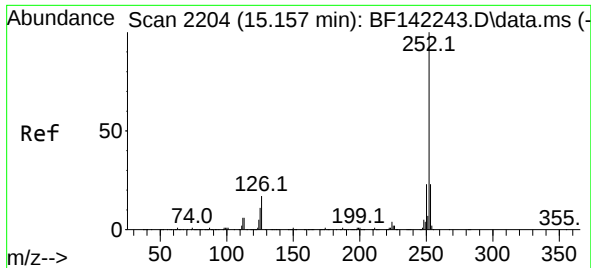
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.5 9.0 13.4

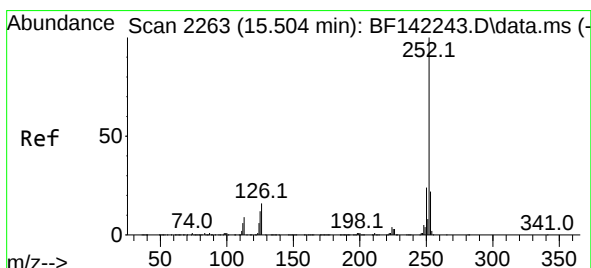
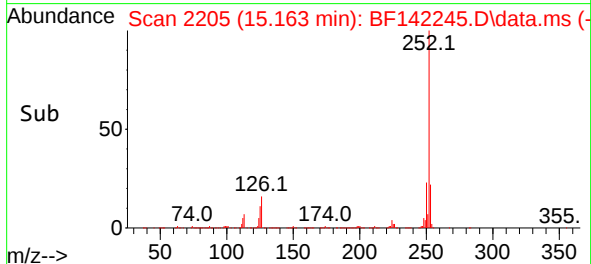
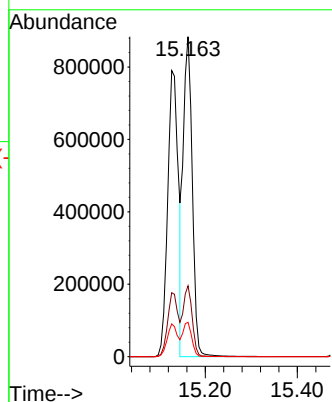
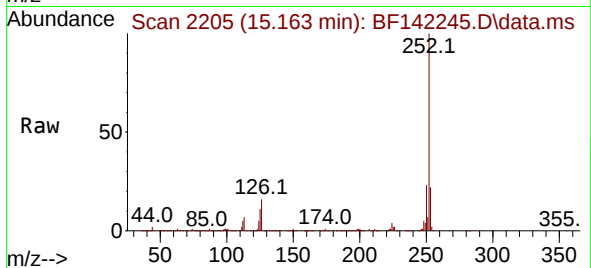




#89
Benzo(k)fluoranthene
Concen: 58.601 ng
RT: 15.163 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

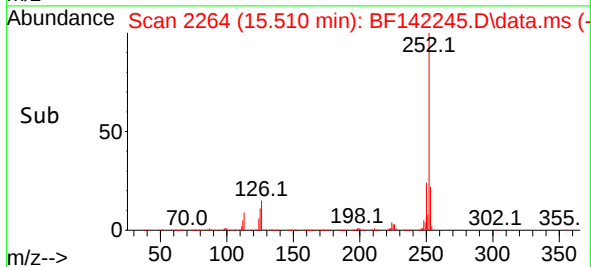
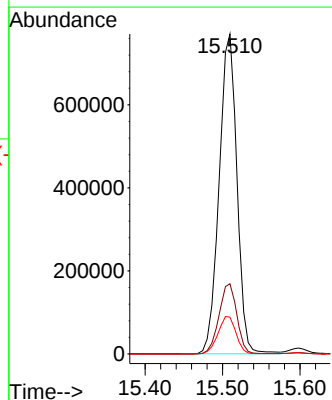
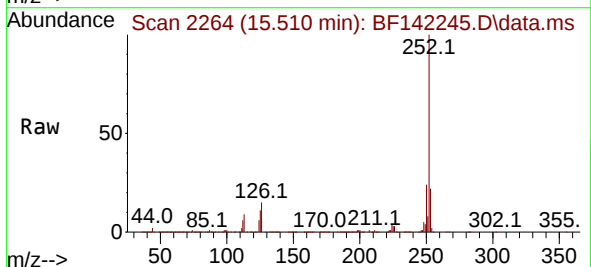
Instrument :
BNA_F
ClientSampleId :

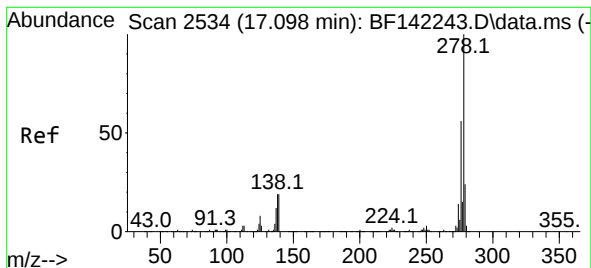
Tgt Ion:252 Resp: 1202952
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.8 9.0 13.6



#90
Benzo(a)pyrene
Concen: 59.982 ng
RT: 15.510 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF142245.D
Acq: 30 Apr 2025 14:15

Tgt Ion:252 Resp: 1232454
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.5 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 60.163 ng

RT: 17.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Instrument :

BNA_F

ClientSampleId :

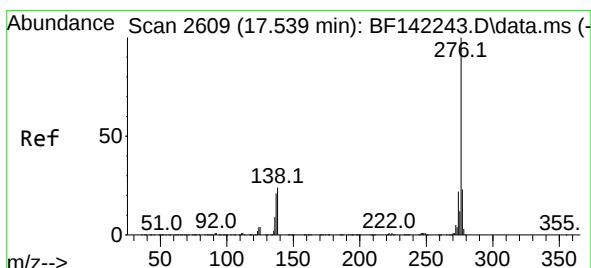
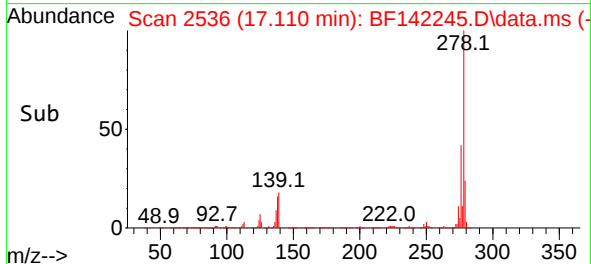
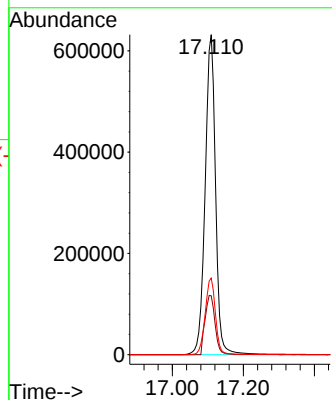
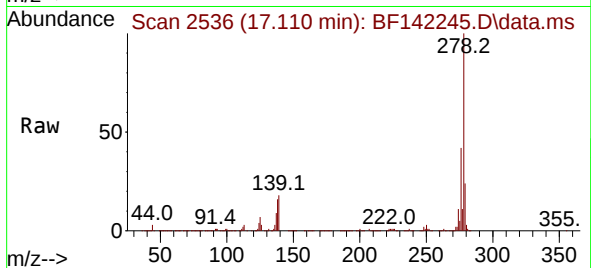
Tgt Ion:278 Resp: 1292219

Ion Ratio Lower Upper

278 100

139 18.4 15.2 22.8

279 23.9 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 60.904 ng

RT: 17.545 min Scan# 2610

Delta R.T. 0.006 min

Lab File: BF142245.D

Acq: 30 Apr 2025 14:15

Tgt Ion:276 Resp: 1315066

Ion Ratio Lower Upper

276 100

277 23.2 18.7 28.1

138 24.7 19.4 29.0

