

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
 Data File : BF142246.D
 Acq On : 30 Apr 2025 14:43
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:46:52 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	192490	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	730774	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	381378	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	608907	20.000	ng	0.00
76) Chrysene-d12	14.080	240	323925	20.000	ng	0.00
86) Perylene-d12	15.568	264	374102	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1741015	144.449	ng	0.00
7) Phenol-d6	6.534	99	2109624	144.946	ng	0.00
23) Nitrobenzene-d5	7.481	82	1929643	173.477	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	579431	166.657	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	3399868	125.694	ng	0.00
79) Terphenyl-d14	13.027	244	2993632	134.413	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.699	88	408111	75.816	ng 99
3) Pyridine	3.469	79	1062667	75.959	ng 99
4) n-Nitrosodimethylamine	3.434	42	562539	77.702	ng 98
6) Aniline	6.575	93	1525082	74.030	ng 99
8) 2-Chlorophenol	6.692	128	942996	75.716	ng 99
9) Benzaldehyde	6.463	77	673391	66.197	ng 99
10) Phenol	6.551	94	1203174	76.791	ng 96
11) bis(2-Chloroethyl)ether	6.651	93	871905	71.808	ng 99
12) 1,3-Dichlorobenzene	6.851	146	1000058	70.979	ng 99
13) 1,4-Dichlorobenzene	6.928	146	997448	70.267	ng 99
14) 1,2-Dichlorobenzene	7.081	146	966587	71.326	ng 99
15) Benzyl Alcohol	7.051	79	787715	76.310	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1573151	71.749	ng 99
17) 2-Methylphenol	7.157	107	757239	74.219	ng 100
18) Hexachloroethane	7.428	117	347325	74.757	ng 99
19) n-Nitroso-di-n-propyla...	7.334	70	650174	72.291	ng 99
20) 3+4-Methylphenols	7.316	107	897475	70.340	ng # 87
22) Acetophenone	7.328	105	1180939	69.853	ng 97
24) Nitrobenzene	7.498	77	917286	84.046	ng 100
25) Isophorone	7.739	82	1758014	75.306	ng 99
26) 2-Nitrophenol	7.810	139	416387	79.254	ng 98
27) 2,4-Dimethylphenol	7.839	122	883922	75.098	ng 100
28) bis(2-Chloroethoxy)met...	7.945	93	1070383	72.702	ng 99
29) 2,4-Dichlorophenol	8.045	162	768570	78.103	ng 99
30) 1,2,4-Trichlorobenzene	8.133	180	797476	72.623	ng 100
31) Naphthalene	8.216	128	2508082	68.820	ng 99
32) Benzoic acid	7.969	122	500182	80.127	ng 99
33) 4-Chloroaniline	8.263	127	1084543	71.465	ng 99
34) Hexachlorobutadiene	8.333	225	471301	73.564	ng 100
35) Caprolactam	8.645	113	242414	81.958	ng 97
36) 4-Chloro-3-methylphenol	8.739	107	776483	76.844	ng 99
37) 2-Methylnaphthalene	8.910	142	1559858	69.615	ng 99
38) 1-Methylnaphthalene	9.010	142	1583955	68.237	ng 99
40) 1,2,4,5-Tetrachloroben...	9.075	216	757210	70.548	ng 100
41) Hexachlorocyclopentadiene	9.063	237	523186	85.886	ng 99
43) 2,4,6-Trichlorophenol	9.180	196	545358	81.996	ng 98

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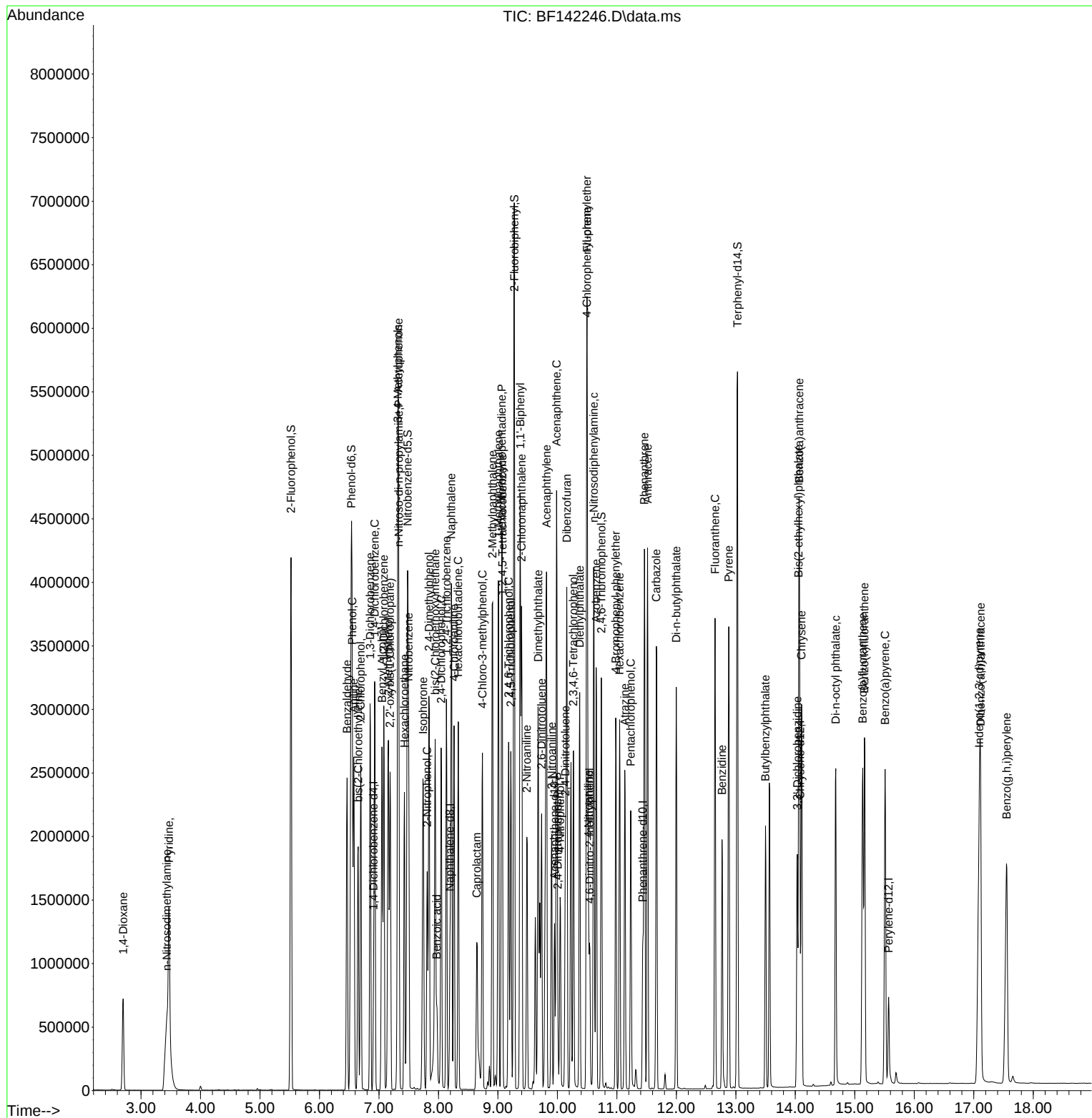
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	557542	79.732	ng	99
46) 1,1'-Biphenyl	9.375	154	2006955	67.691	ng	99
47) 2-Chloronaphthalene	9.398	162	1547207	70.140	ng	99
48) 2-Nitroaniline	9.486	65	481954	79.390	ng	97
49) Acenaphthylene	9.816	152	2555385	68.650	ng	99
50) Dimethylphthalate	9.675	163	1757977	72.052	ng	99
51) 2,6-Dinitrotoluene	9.733	165	379127	78.246	ng	97
52) Acenaphthene	9.986	154	1517991	69.843	ng	99
53) 3-Nitroaniline	9.904	138	456571	78.061	ng	96
54) 2,4-Dinitrophenol	10.004	184	129817	79.532	ng	# 28
55) Dibenzofuran	10.157	168	2237085	68.664	ng	98
56) 4-Nitrophenol	10.045	139	335015	87.357	ng	97
57) 2,4-Dinitrotoluene	10.133	165	467545	78.915	ng	99
58) Fluorene	10.498	166	1634486	65.980	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	465050	80.286	ng	99
60) Diethylphthalate	10.375	149	1717661	71.292	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	802224	68.190	ng	98
62) 4-Nitroaniline	10.522	138	410928	77.614	ng	98
63) Azobenzene	10.651	77	1674434	70.379	ng	99
65) 4,6-Dinitro-2-methylph...	10.545	198	183184	81.749	ng	96
66) n-Nitrosodiphenylamine	10.610	169	1518420	72.983	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	514462	75.866	ng	97
68) Hexachlorobenzene	11.045	284	577203	75.999	ng	98
69) Atrazine	11.133	200	423886	77.296	ng	99
70) Pentachlorophenol	11.233	266	350009	87.235	ng	99
71) Phenanthrene	11.463	178	2288481	69.578	ng	99
72) Anthracene	11.516	178	2336551	69.482	ng	100
73) Carbazole	11.663	167	2087769	68.058	ng	99
74) Di-n-butylphthalate	11.998	149	2221417	72.002	ng	100
75) Fluoranthene	12.651	202	2137636	65.747	ng	98
77) Benzidine	12.768	184	1049467	76.247	ng	99
78) Pyrene	12.880	202	2118847	70.910	ng	99
80) Butylbenzylphthalate	13.498	149	659574	78.197	ng	98
81) Benzo(a)anthracene	14.068	228	1586778	72.970	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	563738	88.259	ng	99
83) Chrysene	14.104	228	1474094	74.470	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	915684	78.547	ng	100
85) Di-n-octyl phthalate	14.680	149	1722215	78.594	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	2128475	77.677	ng	99
88) Benzo(b)fluoranthene	15.133	252	1798083	77.378	ng	99
89) Benzo(k)fluoranthene	15.162	252	1439304	67.716	ng	100
90) Benzo(a)pyrene	15.509	252	1610193	75.685	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	1712182	76.989	ng	99
92) Benzo(g,h,i)perylene	17.551	276	1738450	77.757	ng	99

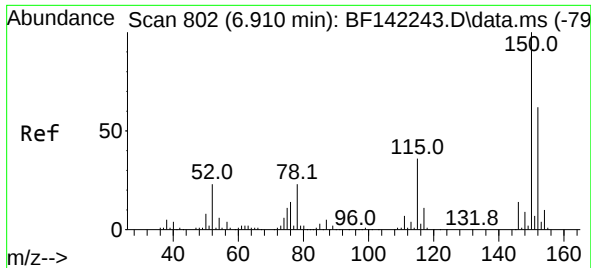
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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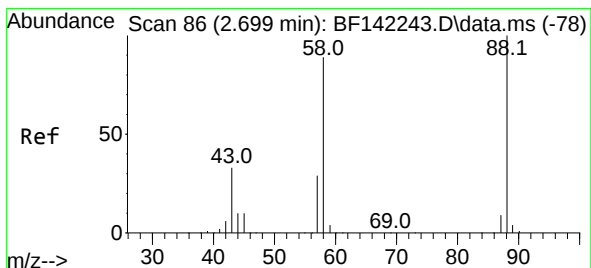
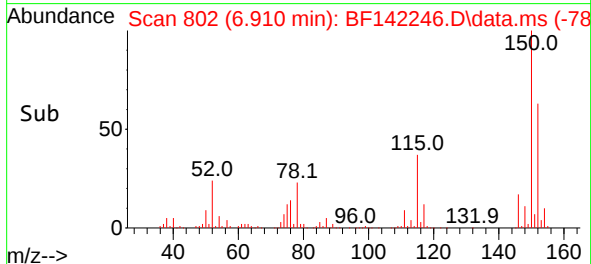
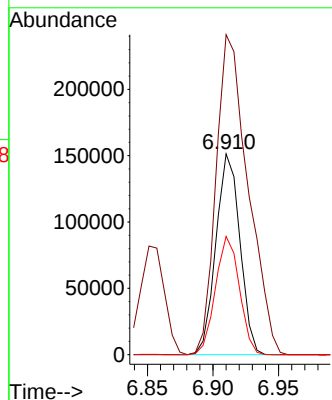
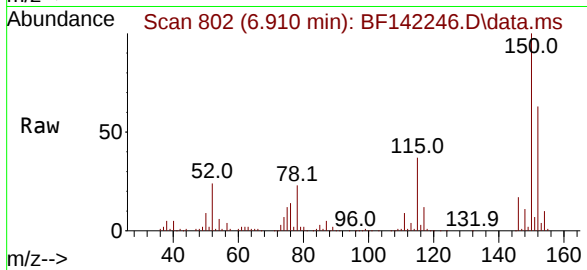




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

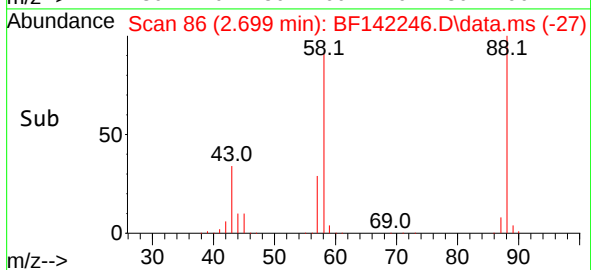
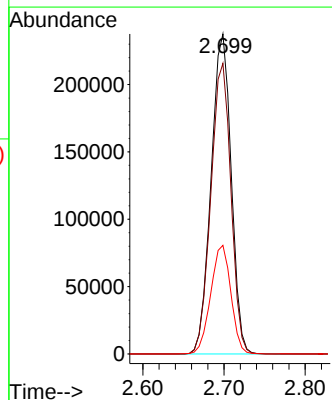
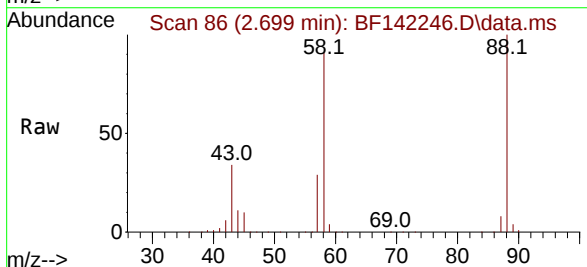
Instrument :
 BNA_F
 ClientSampleId :

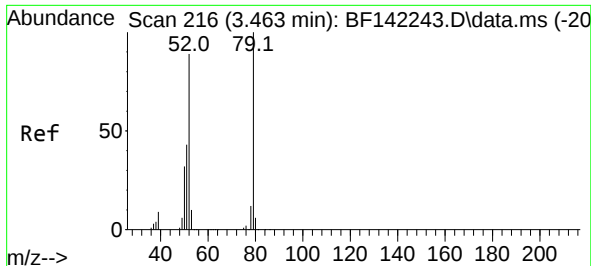
Tgt Ion:152 Resp: 192490
 Ion Ratio Lower Upper
 152 100
 150 159.4 130.2 195.2
 115 58.9 47.0 70.4



#2
 1,4-Dioxane
 Concen: 75.816 ng
 RT: 2.699 min Scan# 86
 Delta R.T. -0.000 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

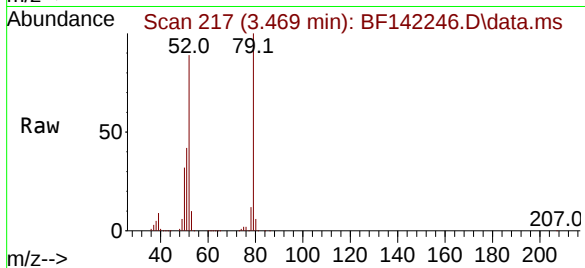
Tgt Ion: 88 Resp: 408111
 Ion Ratio Lower Upper
 88 100
 58 90.8 72.2 108.2
 43 34.2 27.0 40.6



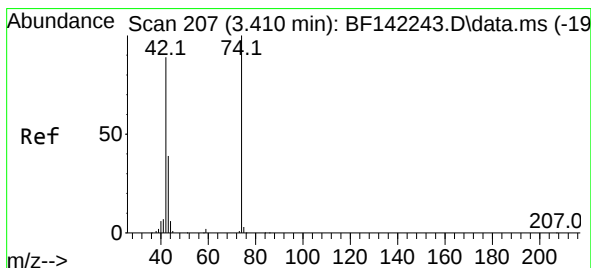
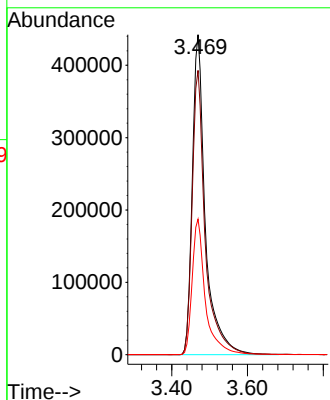
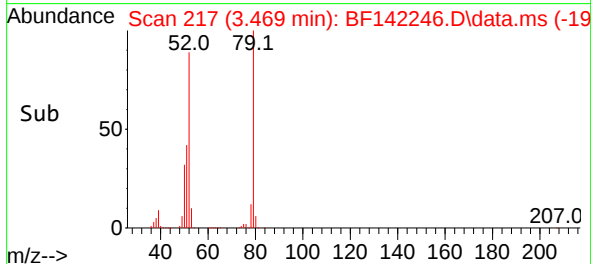


#3
Pyridine
Concen: 75.959 ng
RT: 3.469 min Scan# 216
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

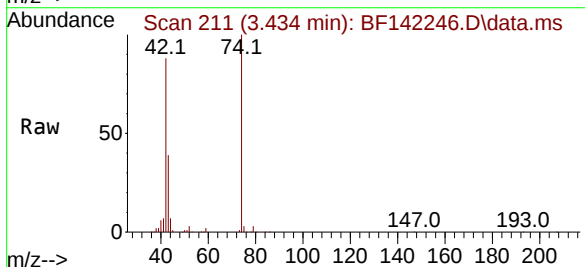
Instrument :
BNA_F
ClientSampleId :



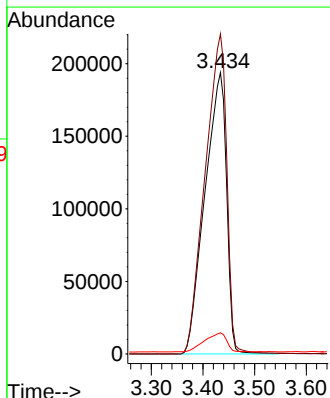
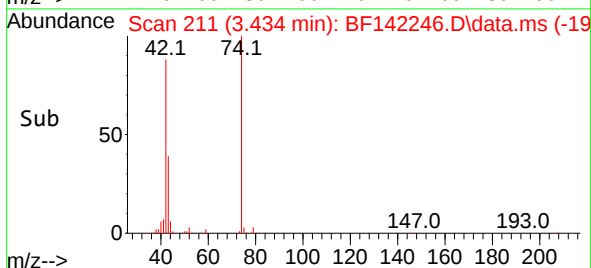
Tgt Ion: 79 Resp: 1062667
Ion Ratio Lower Upper
79 100
52 88.8 71.5 107.3
51 42.4 34.5 51.7

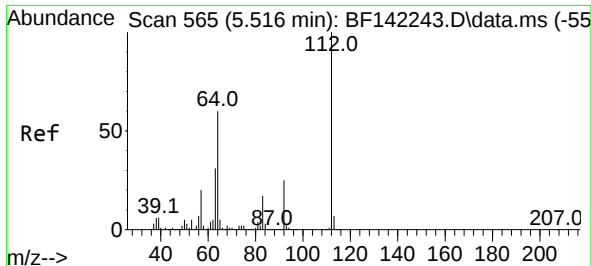


#4
n-Nitrosodimethylamine
Concen: 77.702 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.023 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



Tgt Ion: 42 Resp: 562539
Ion Ratio Lower Upper
42 100
74 113.7 89.5 134.3
44 7.5 6.6 9.8

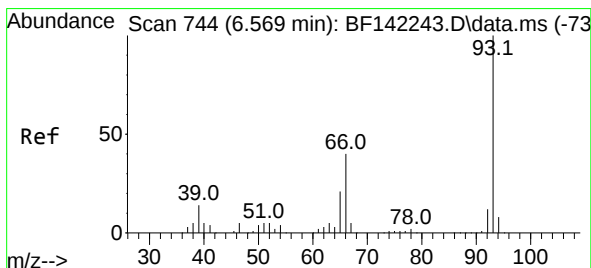
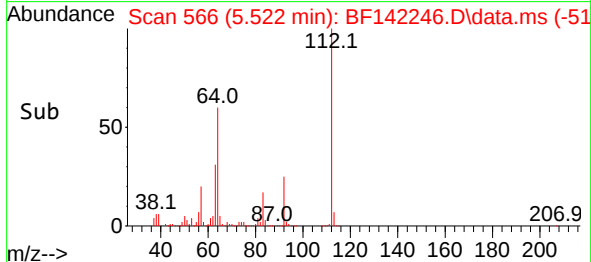
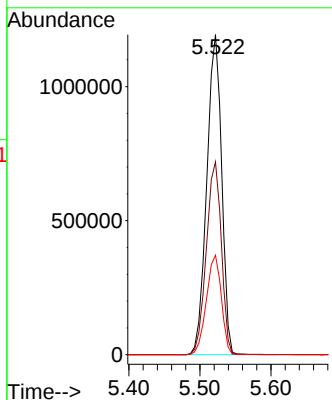
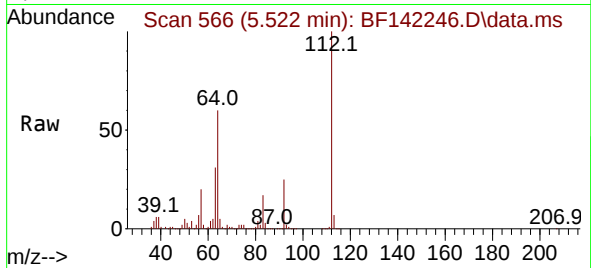




#5
2-Fluorophenol
Concen: 144.449 ng
RT: 5.522 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

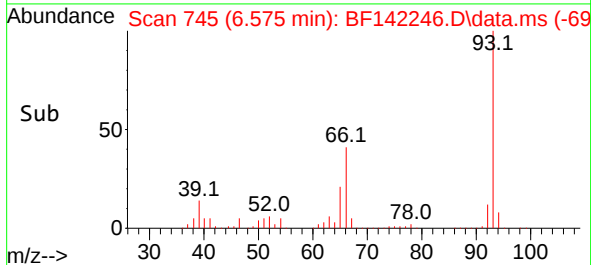
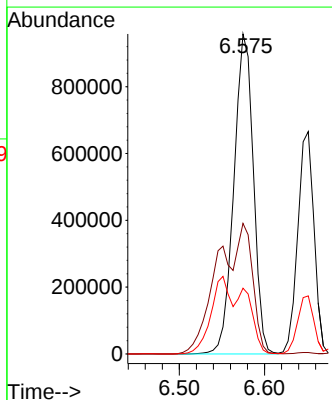
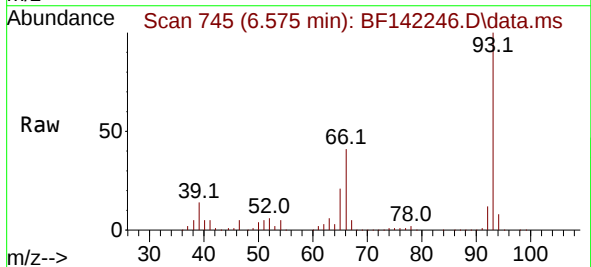
Instrument :
BNA_F
ClientSampleId :

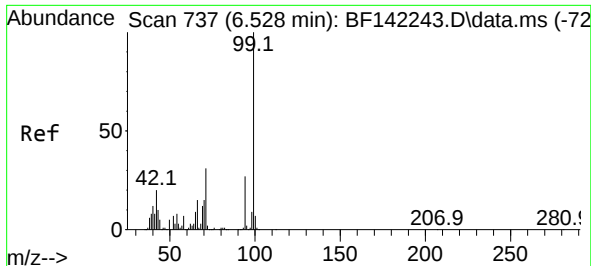
Tgt Ion:112 Resp: 1741015
Ion Ratio Lower Upper
112 100
64 60.3 48.4 72.6
63 31.1 24.8 37.2



#6
Aniline
Concen: 74.030 ng
RT: 6.575 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 93 Resp: 1525082
Ion Ratio Lower Upper
93 100
66 40.8 32.1 48.1
65 20.5 16.6 24.8





#7

Phenol-d6

Concen: 144.946 ng

RT: 6.534 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

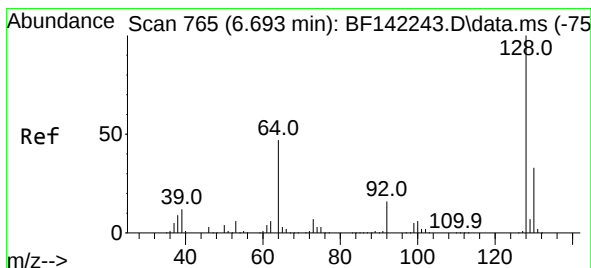
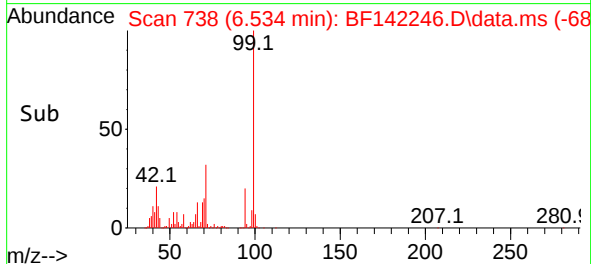
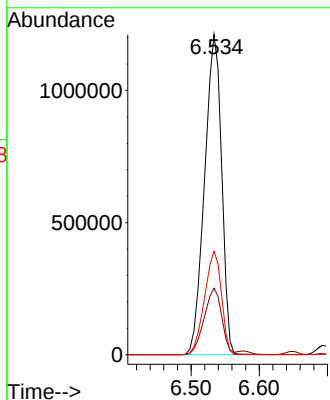
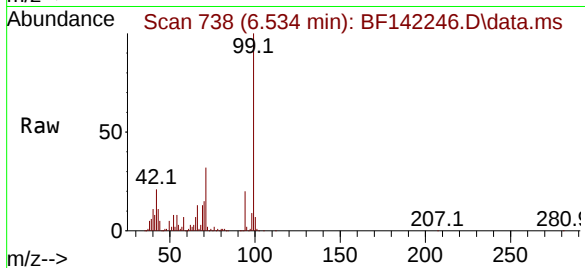
Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 99 Resp: 2109624

Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.3	24.5
71	32.3	25.0	37.4



#8

2-Chlorophenol

Concen: 75.716 ng

RT: 6.692 min Scan# 765

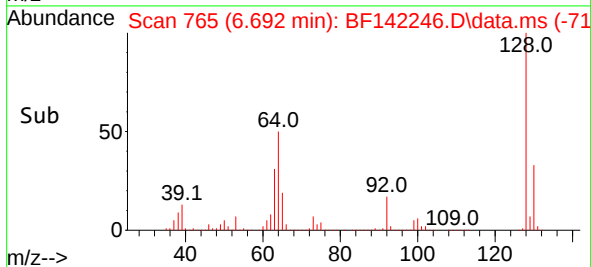
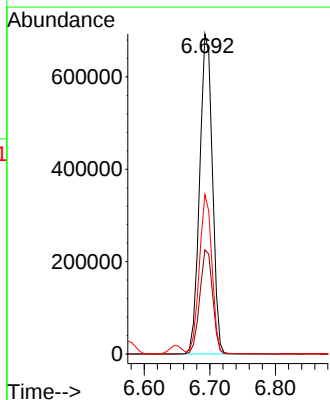
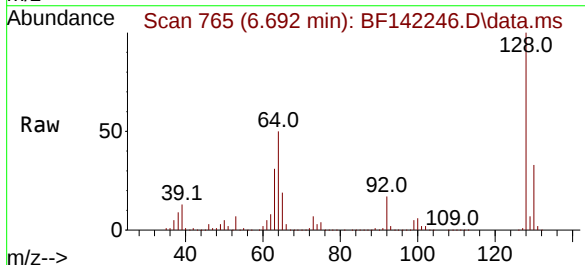
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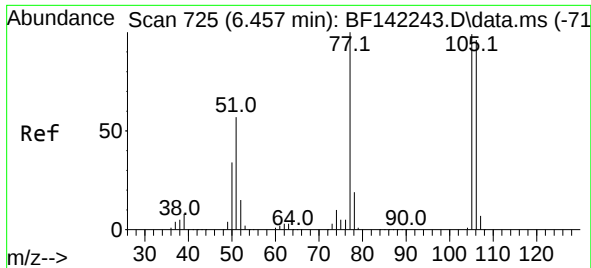
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Tgt Ion:128 Resp: 942996

Ion	Ratio	Lower	Upper
128	100		
130	32.6	13.1	53.1
64	49.8	28.6	68.6





#9

Benzaldehyde

Concen: 66.197 ng

RT: 6.463 min Scan# 71

Delta R.T. 0.006 min

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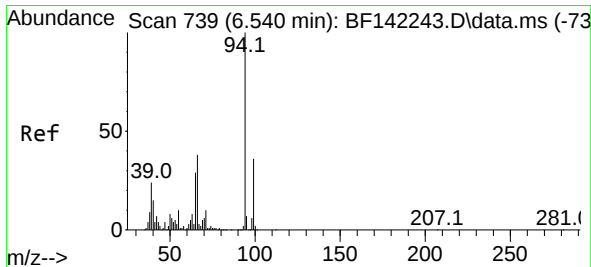
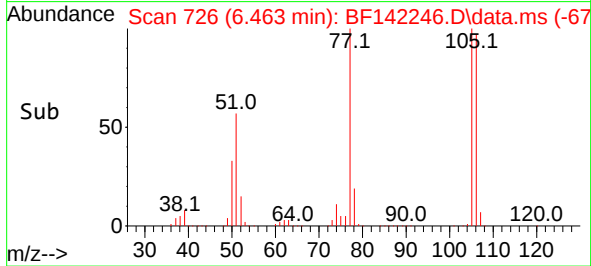
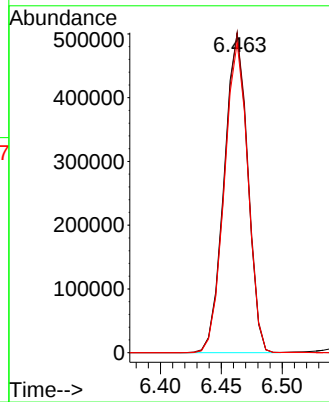
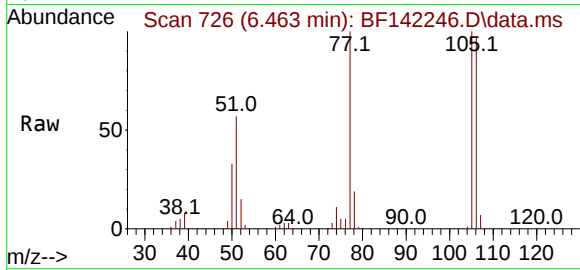
Tgt Ion: 77 Resp: 673391

Ion Ratio Lower Upper

77 100

105 100.2 79.1 119.1

106 97.0 76.0 116.0



#10

Phenol

Concen: 76.791 ng

RT: 6.551 min Scan# 741

Delta R.T. 0.012 min

Lab File: BF142246.D

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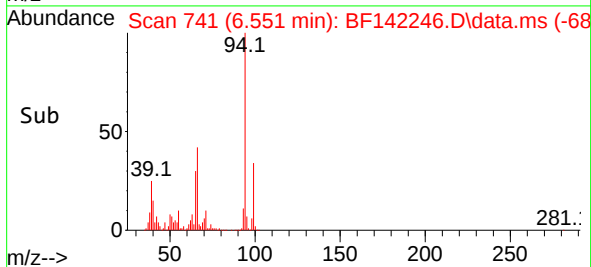
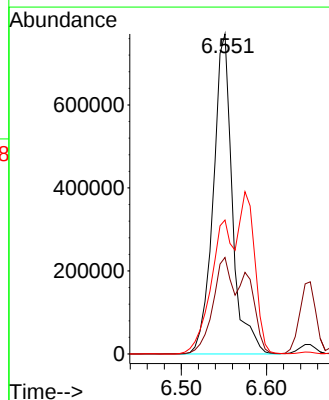
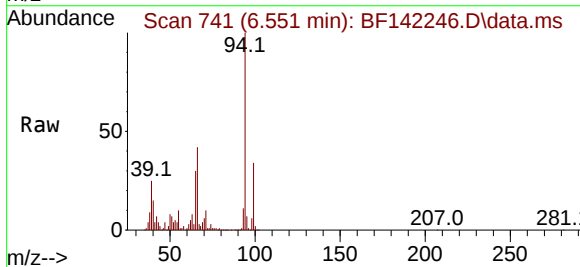
Tgt Ion: 94 Resp: 1203174

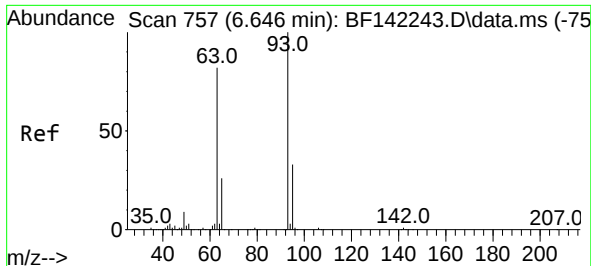
Ion Ratio Lower Upper

94 100

65 30.1 8.9 48.9

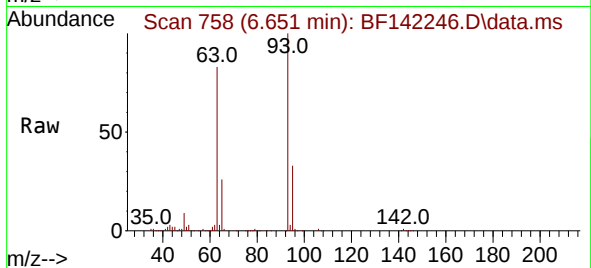
66 41.8 18.7 58.7



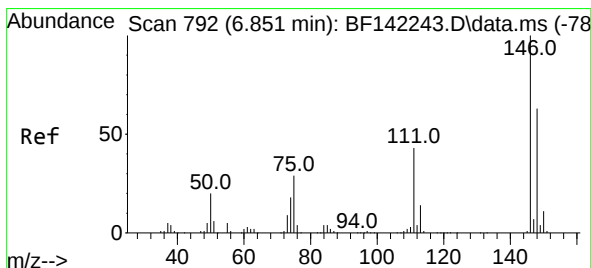
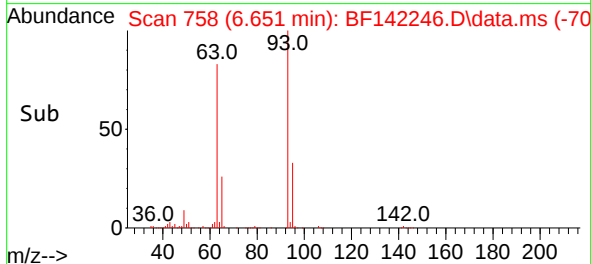
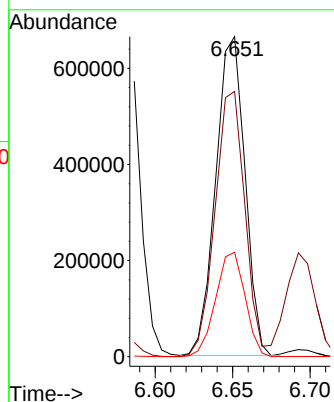


#11
bis(2-Chloroethyl)ether
Concen: 71.808 ng
RT: 6.651 min Scan# 758
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

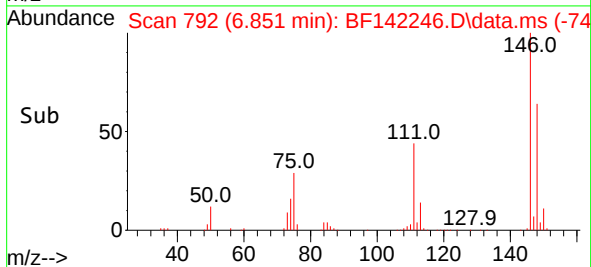
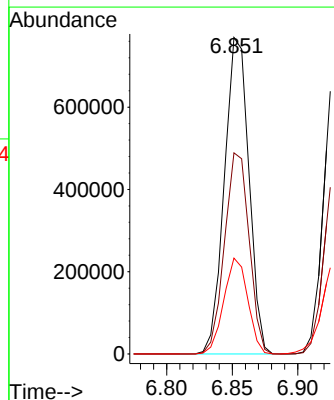
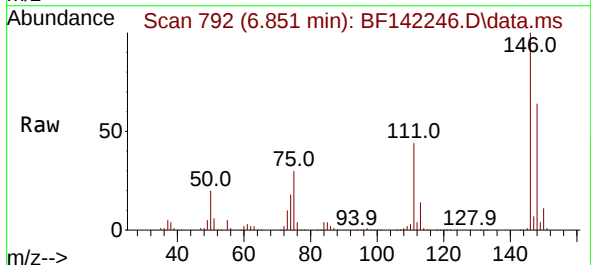


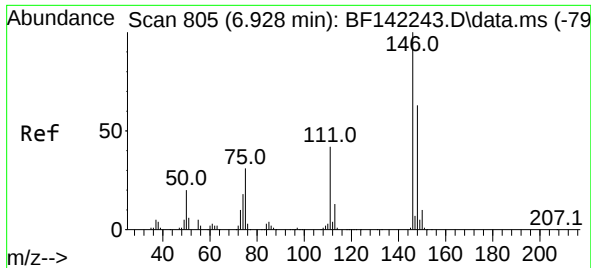
Tgt Ion: 93 Resp: 871905
Ion Ratio Lower Upper
93 100
63 82.9 62.2 102.2
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 70.979 ng
RT: 6.851 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion: 146 Resp: 1000058
Ion Ratio Lower Upper
146 100
148 63.6 50.5 75.7
75 30.3 23.2 34.8

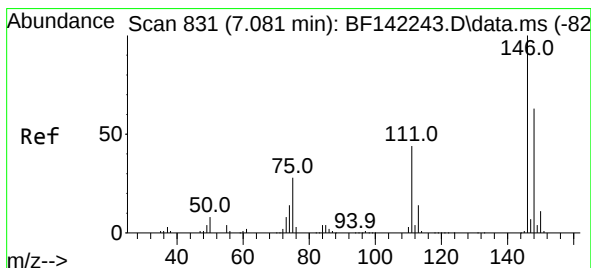
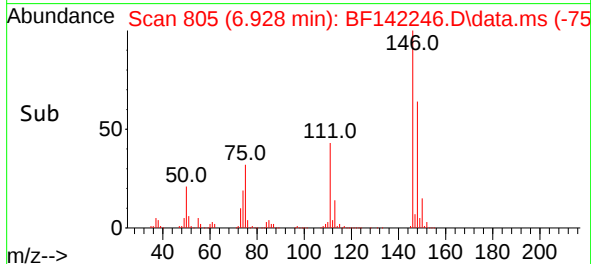
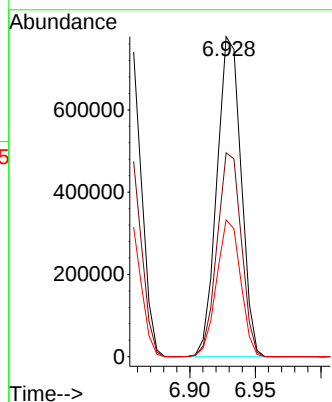
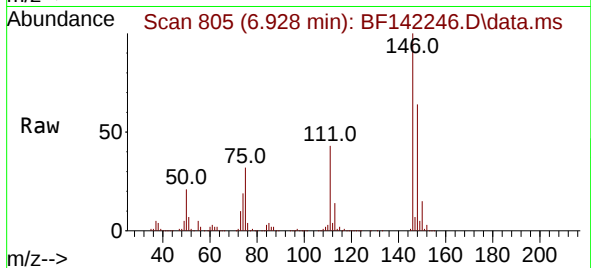




#13
1,4-Dichlorobenzene
Concen: 70.267 ng
RT: 6.928 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

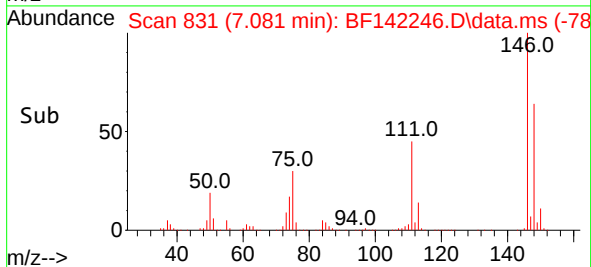
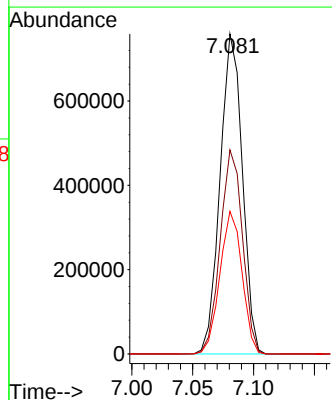
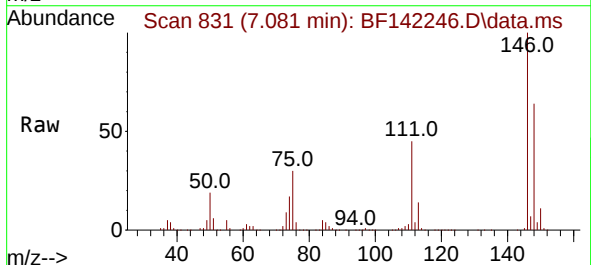
Instrument :
BNA_F
ClientSampleId :

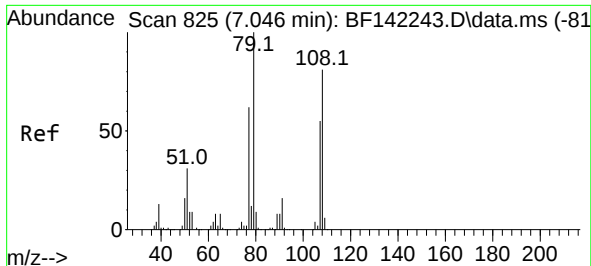
Tgt Ion:146 Resp: 997448
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
111 42.7 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 71.326 ng
RT: 7.081 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

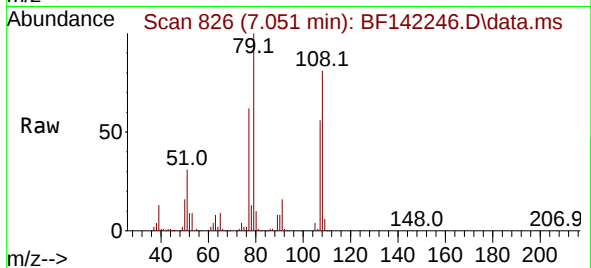
Tgt Ion:146 Resp: 966587
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 44.6 34.9 52.3



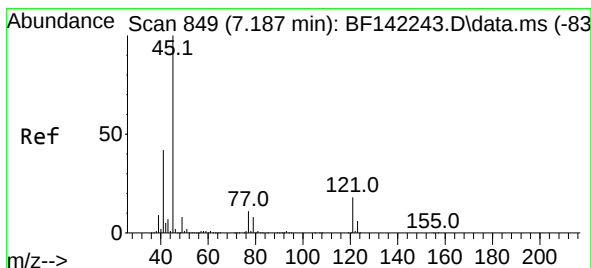
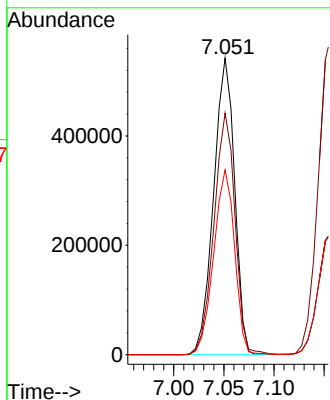
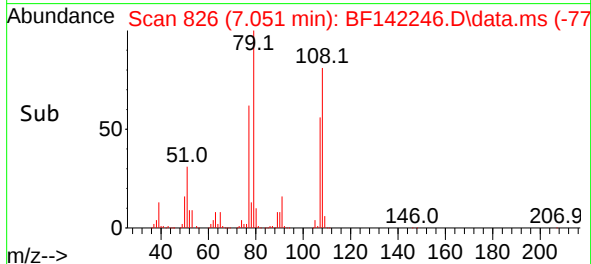


#15
Benzyl Alcohol
Concen: 76.310 ng
RT: 7.051 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

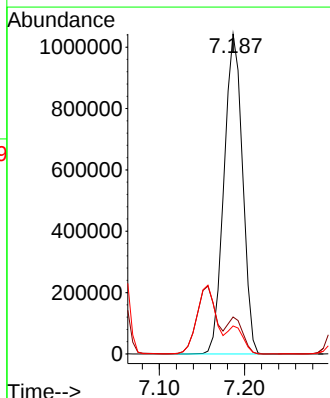
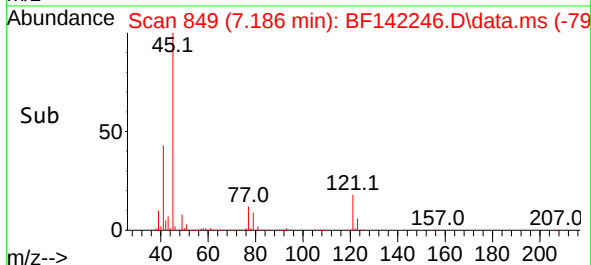
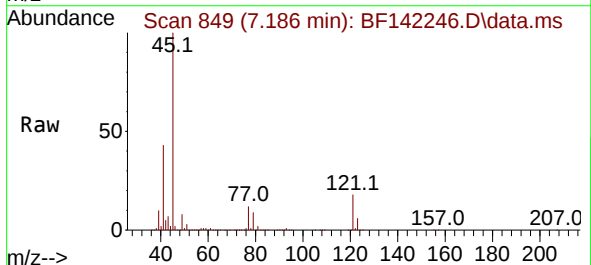


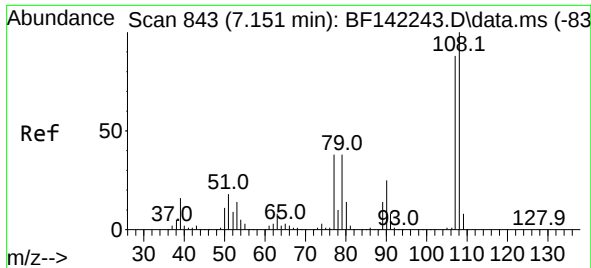
Tgt Ion: 79 Resp: 787715
Ion Ratio Lower Upper
79 100
108 81.5 64.5 96.7
77 62.3 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.749 ng
RT: 7.186 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

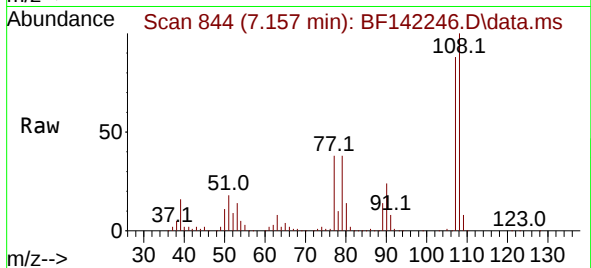
Tgt Ion: 45 Resp: 1573151
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.3
79 8.8 0.0 28.5



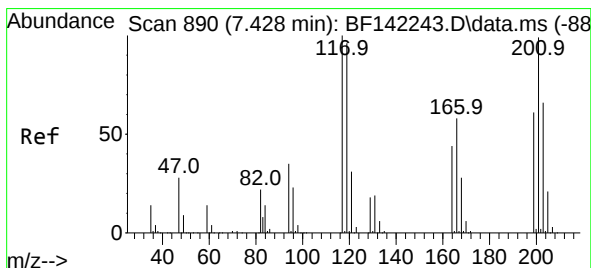
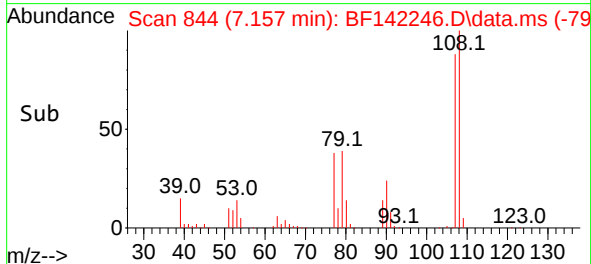
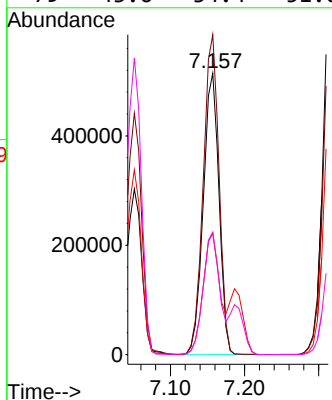


#17
2-Methylphenol
Concen: 74.219 ng
RT: 7.157 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

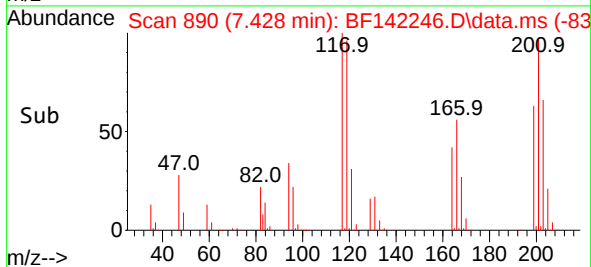
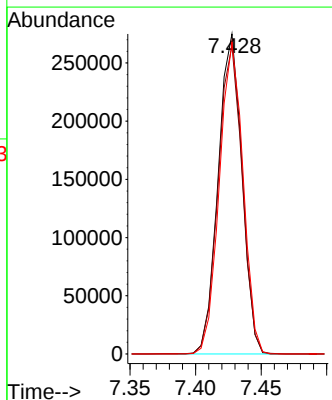
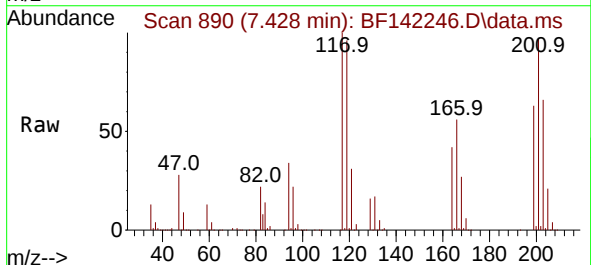


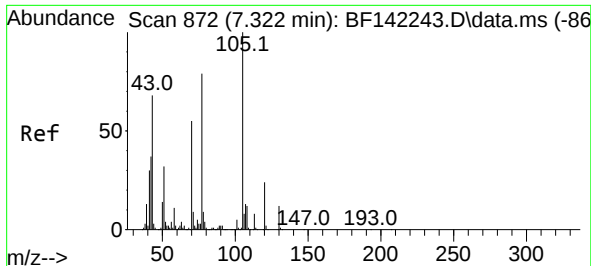
Tgt Ion:107 Resp: 757239
Ion Ratio Lower Upper
107 100
108 113.7 91.0 136.4
77 43.0 34.4 51.6
79 43.6 34.4 51.6



#18
Hexachloroethane
Concen: 74.757 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

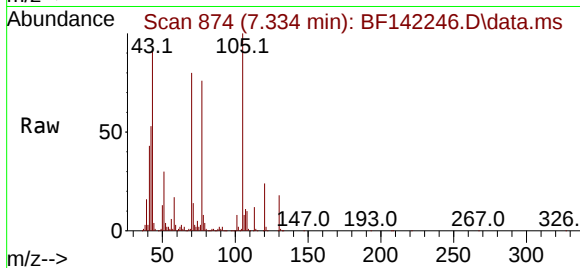
Tgt Ion:117 Resp: 347325
Ion Ratio Lower Upper
117 100
119 96.3 77.1 115.7
201 97.4 79.4 119.2



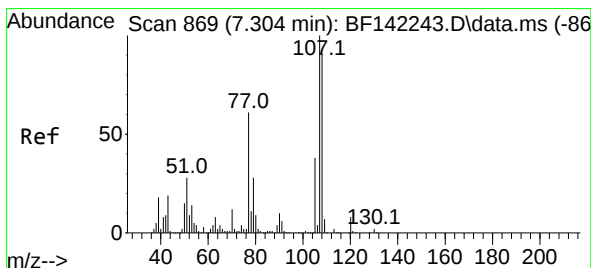
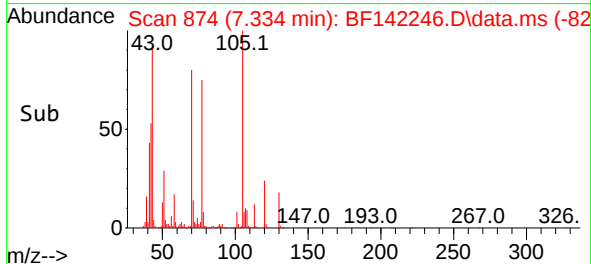
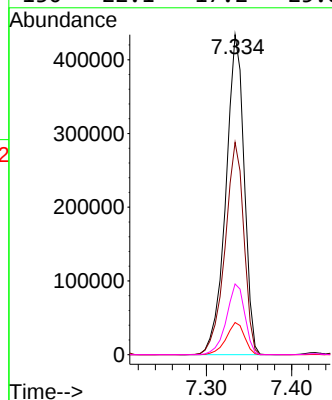


#19
n-Nitroso-di-n-propylamine
Concen: 72.291 ng
RT: 7.334 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

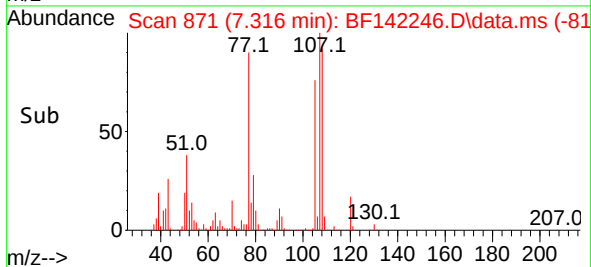
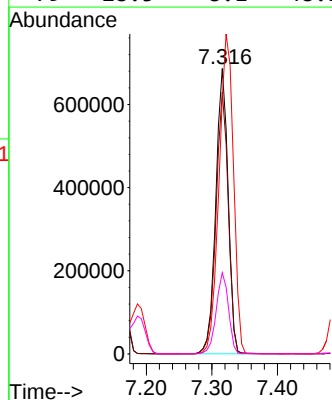
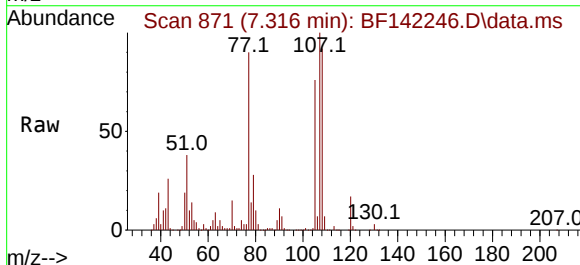


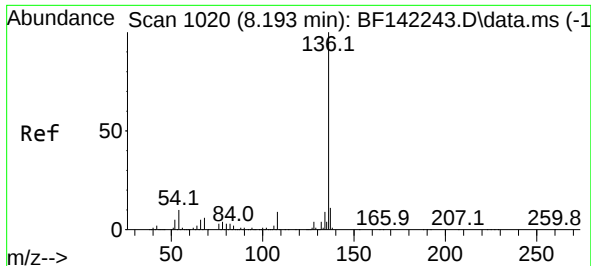
Tgt Ion:	70	Resp:	650174
Ion Ratio	100	Lower	Upper
70	100		
42	66.3	53.4	80.2
101	10.0	7.7	11.5
130	22.1	17.2	25.8



#20
3+4-Methylphenols
Concen: 70.340 ng
RT: 7.316 min Scan# 871
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

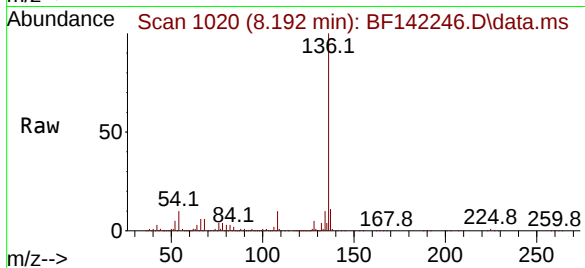
Tgt Ion:	107	Resp:	897475
Ion Ratio	100	Lower	Upper
107	100		
108	91.7	71.2	111.2
77	89.8	41.1	81.1#
79	28.5	8.1	48.1



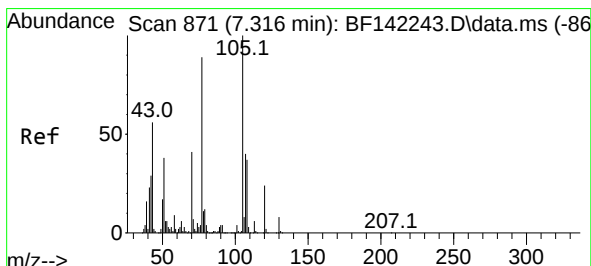
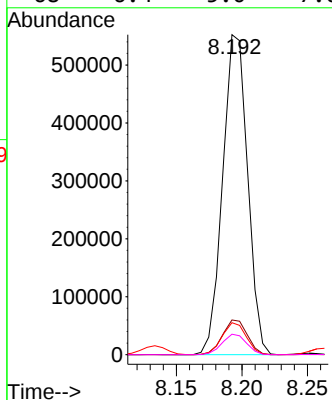
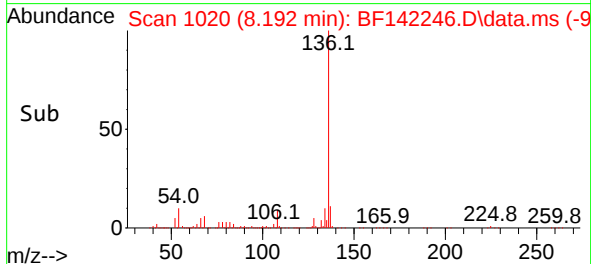


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1020
Delta R.T. -0.001 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

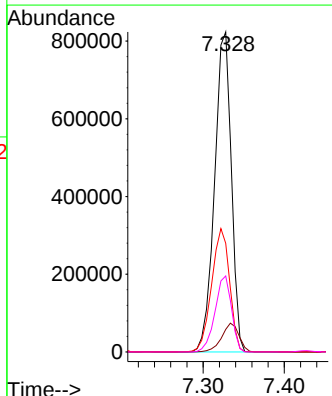
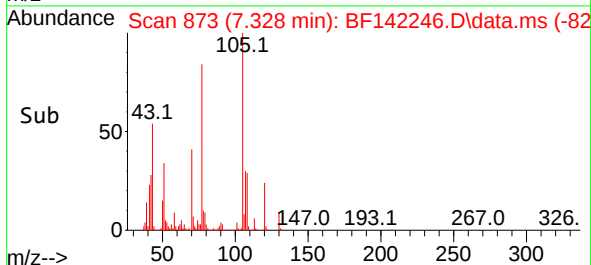
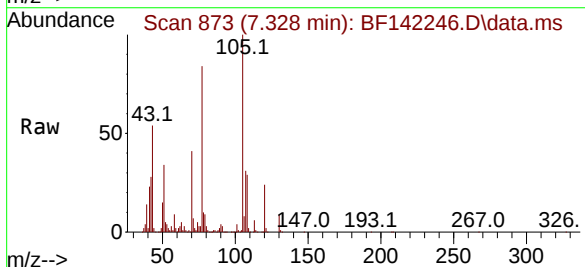


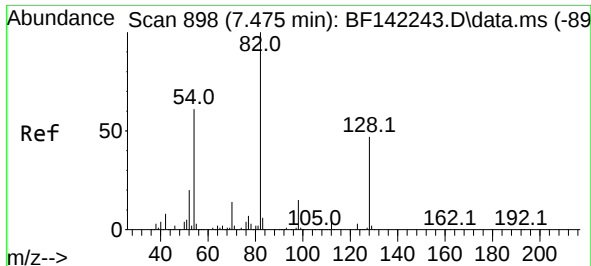
Tgt Ion:136 Resp: 730774
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 10.0 7.7 11.5
68 6.4 5.0 7.6



#22
Acetophenone
Concen: 69.853 ng
RT: 7.328 min Scan# 873
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:105 Resp: 1180939
Ion Ratio Lower Upper
105 100
71 7.0 5.7 8.5
51 33.9 30.1 45.1
120 23.8 19.0 28.4





#23

Nitrobenzene-d5

Concen: 173.477 ng

RT: 7.481 min Scan# 89

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

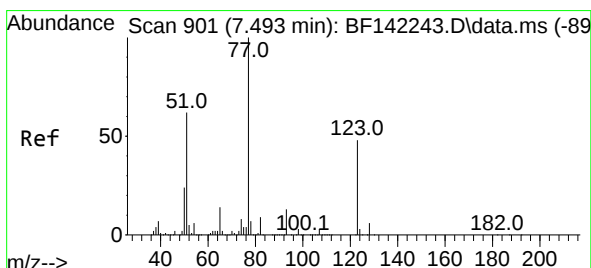
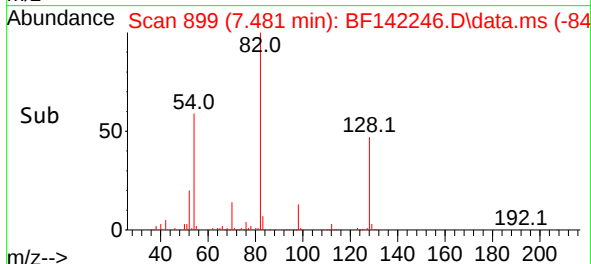
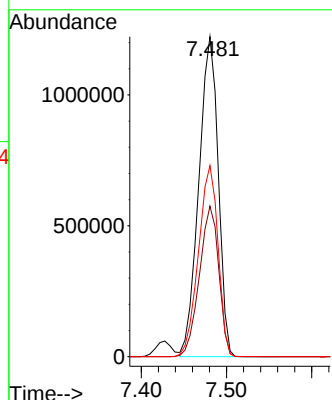
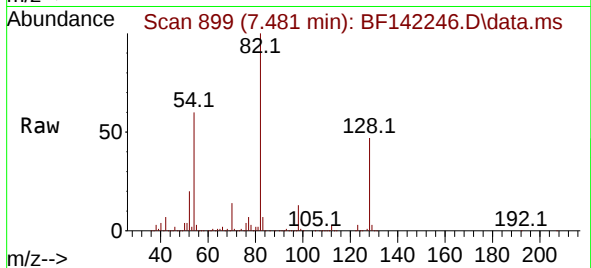
Tgt Ion: 82 Resp: 1929643

Ion Ratio Lower Upper

82 100

128 47.0 37.0 55.6

54 59.7 48.0 72.0



#24

Nitrobenzene

Concen: 84.046 ng

RT: 7.498 min Scan# 902

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

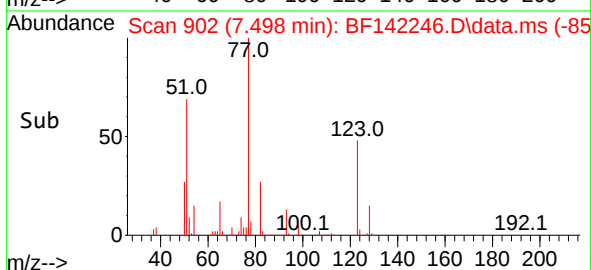
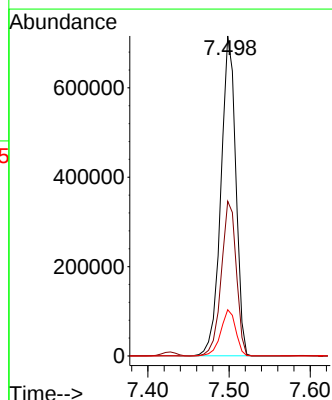
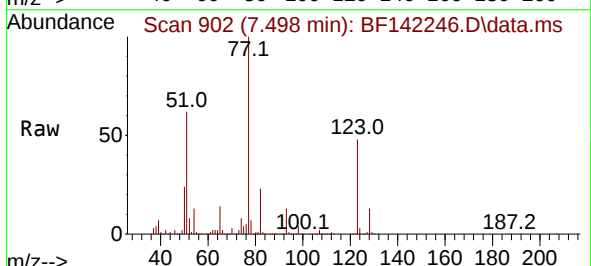
Tgt Ion: 77 Resp: 917286

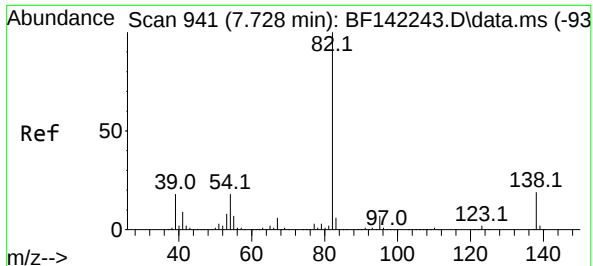
Ion Ratio Lower Upper

77 100

123 48.4 38.6 58.0

65 14.4 11.5 17.3

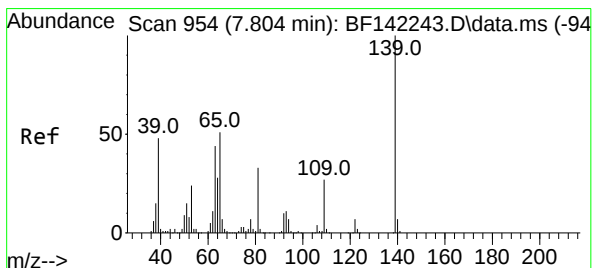
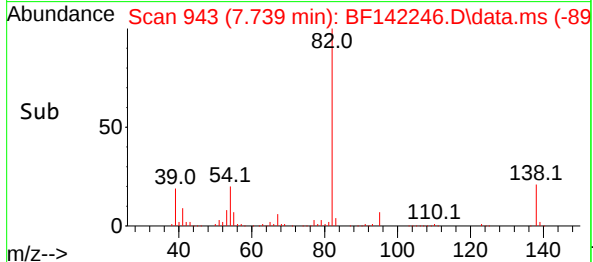
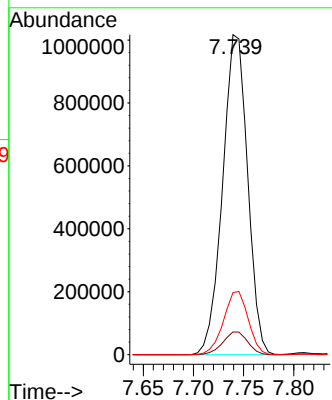
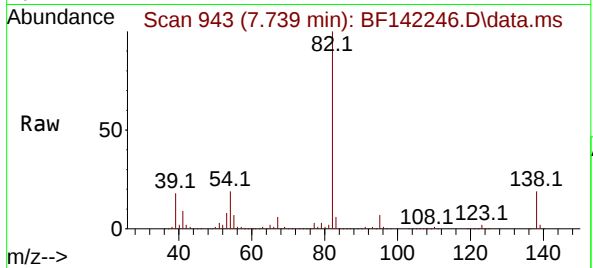




#25
Isophorone
Concen: 75.306 ng
RT: 7.739 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

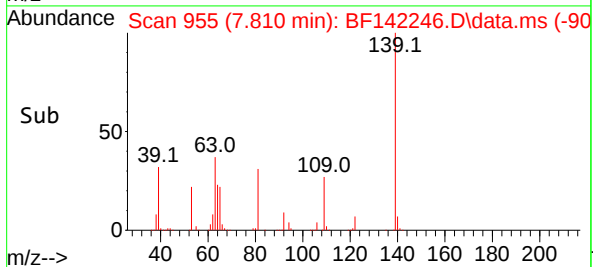
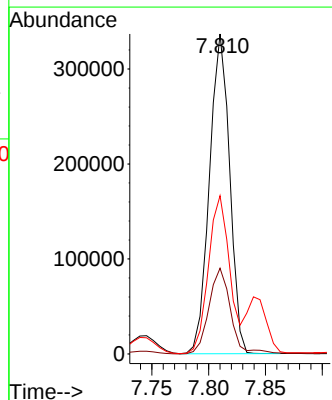
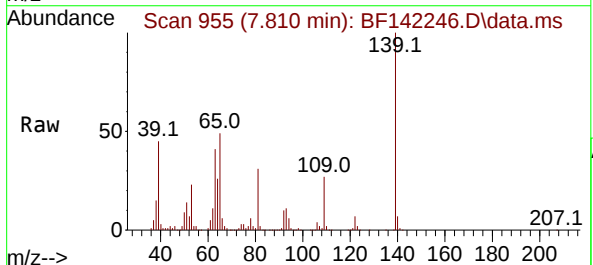
Instrument :
BNA_F
ClientSampleId :

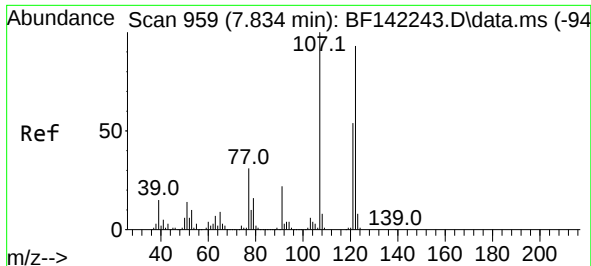
Tgt Ion: 82 Resp: 1758014
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 19.4 15.3 22.9



#26
2-Nitrophenol
Concen: 79.254 ng
RT: 7.810 min Scan# 955
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:139 Resp: 416387
Ion Ratio Lower Upper
139 100
109 26.8 21.8 32.8
65 49.4 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 75.098 ng

RT: 7.839 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

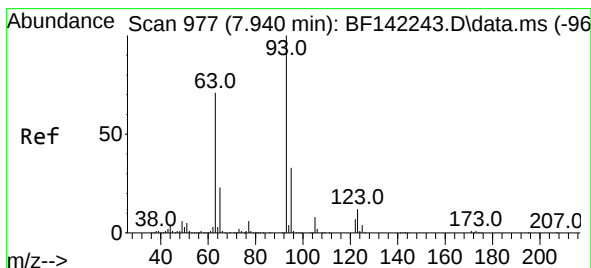
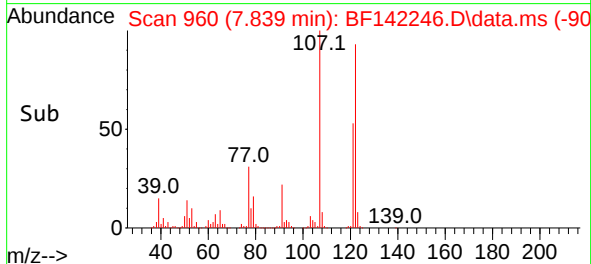
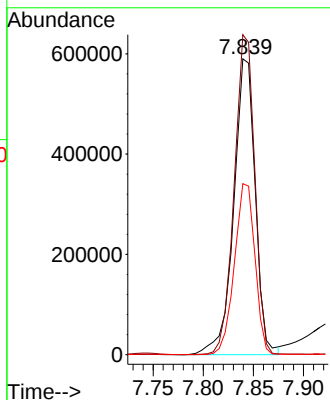
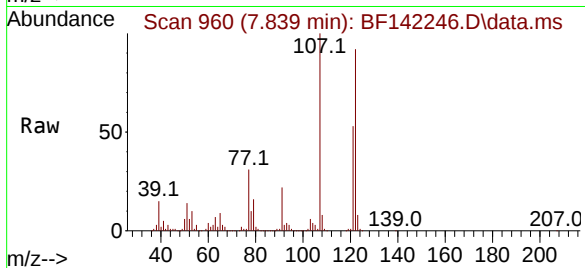
Tgt Ion:122 Resp: 883922

Ion Ratio Lower Upper

122 100

107 108.1 86.0 129.0

121 57.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 72.702 ng

RT: 7.945 min Scan# 978

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

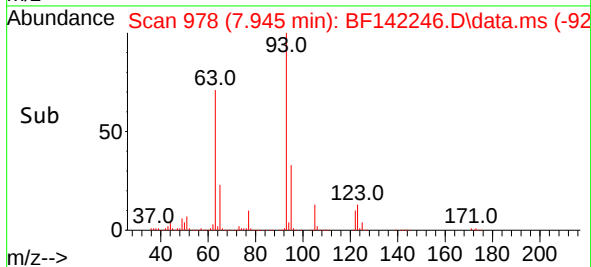
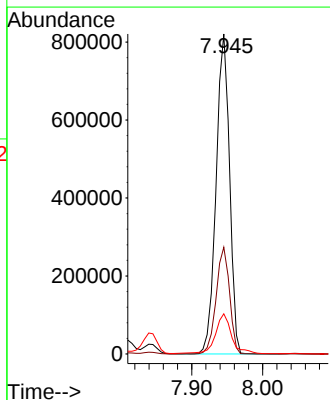
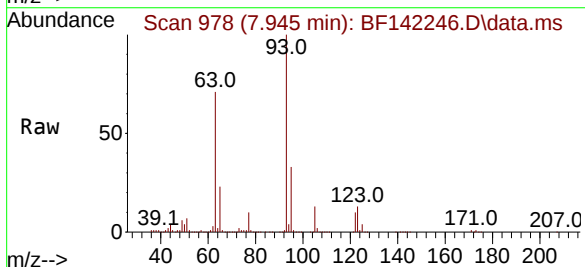
Tgt Ion: 93 Resp: 1070383

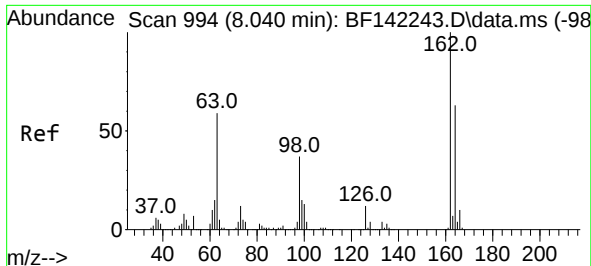
Ion Ratio Lower Upper

93 100

95 33.4 26.2 39.2

123 12.5 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 78.103 ng

RT: 8.045 min Scan# 994

Delta R.T. 0.006 min

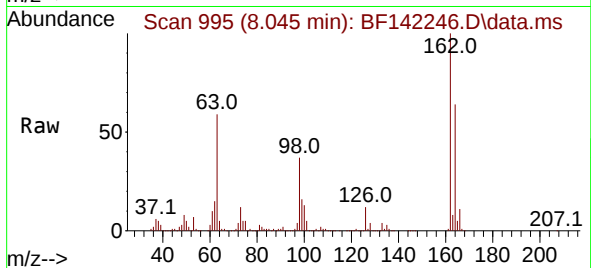
Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :



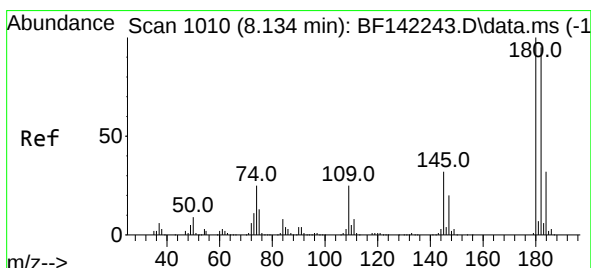
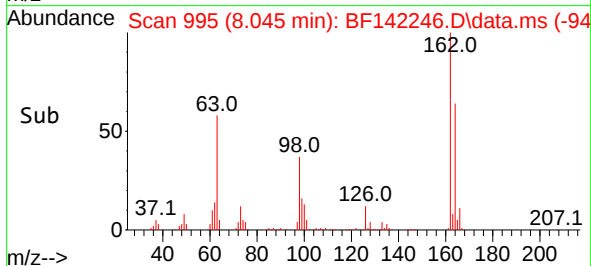
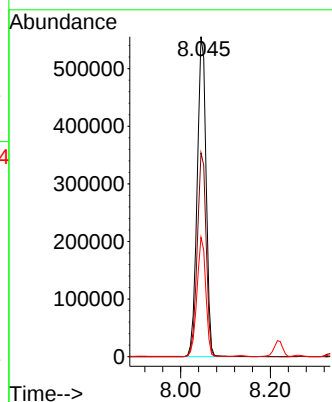
Tgt Ion:162 Resp: 768570

Ion Ratio Lower Upper

162 100

164 63.7 43.0 83.0

98 37.3 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 72.623 ng

RT: 8.133 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

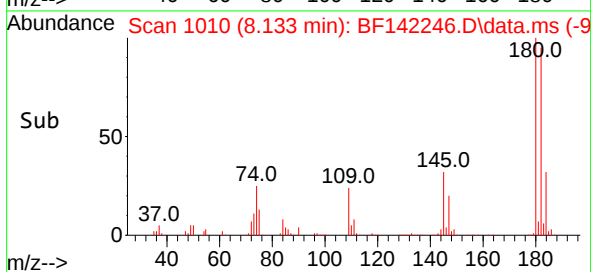
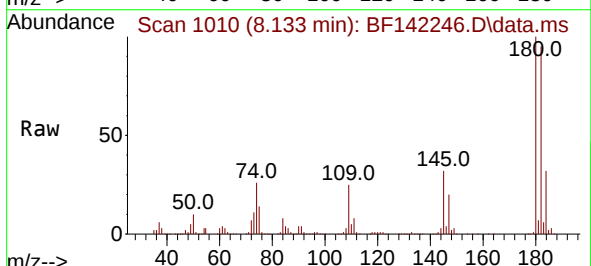
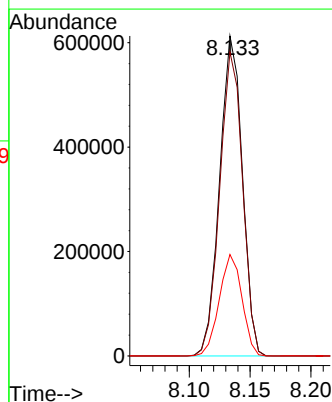
Tgt Ion:180 Resp: 797476

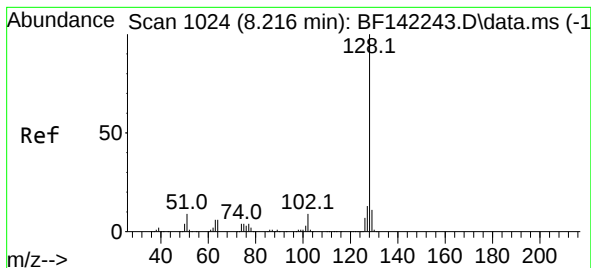
Ion Ratio Lower Upper

180 100

182 95.0 75.7 113.5

145 31.7 25.4 38.0





#31

Naphthalene

Concen: 68.820 ng

RT: 8.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

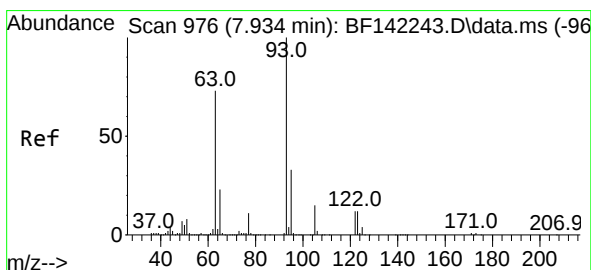
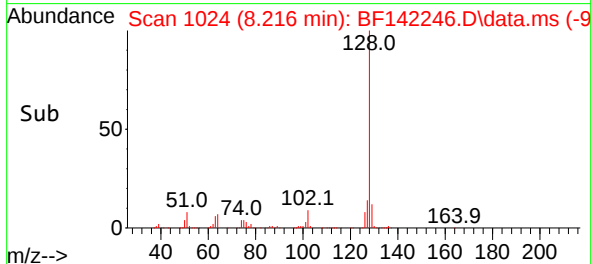
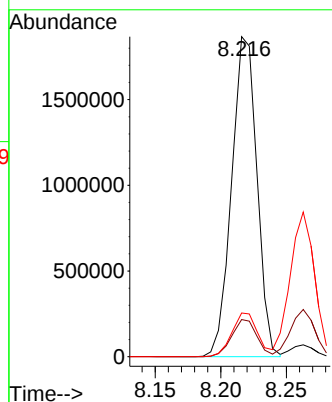
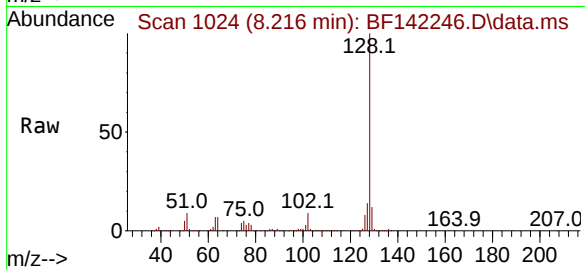
Tgt Ion:128 Resp: 2508082

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

127 13.7 10.6 15.8



#32

Benzoic acid

Concen: 80.127 ng

RT: 7.969 min Scan# 982

Delta R.T. 0.035 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

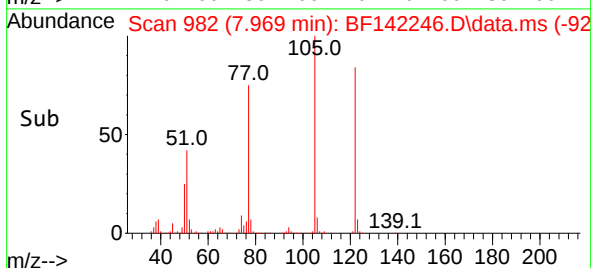
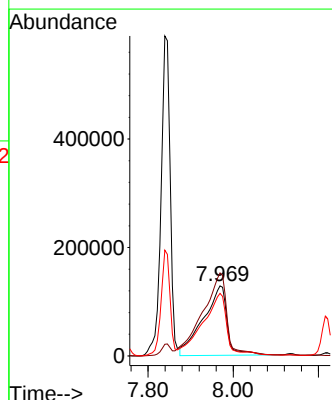
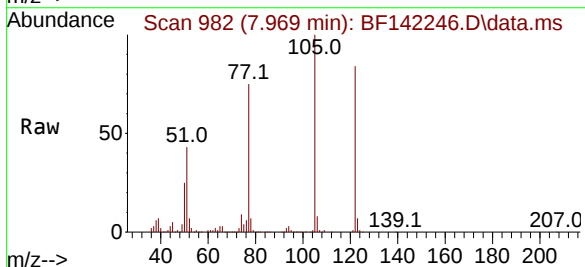
Tgt Ion:122 Resp: 500182

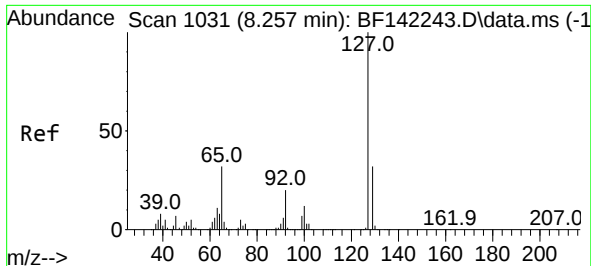
Ion Ratio Lower Upper

122 100

105 118.4 98.2 138.2

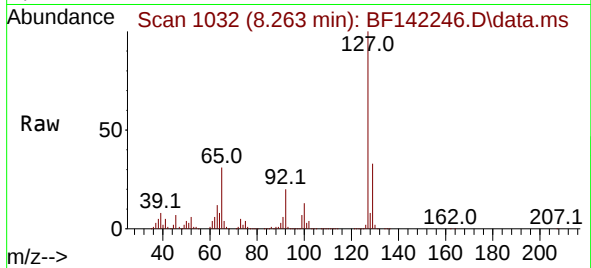
77 89.2 66.8 106.8



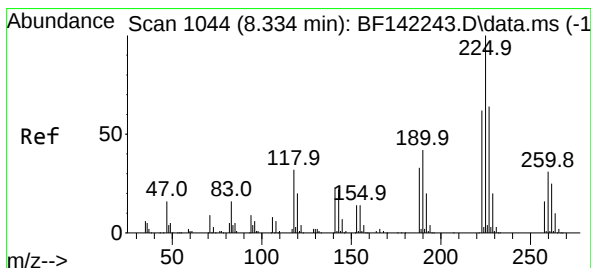
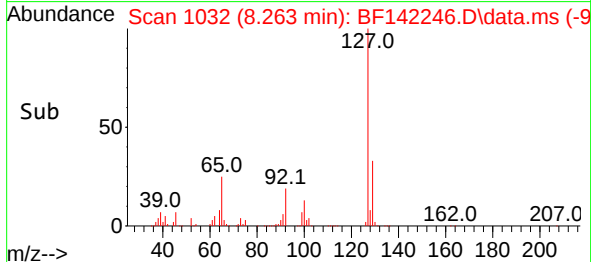
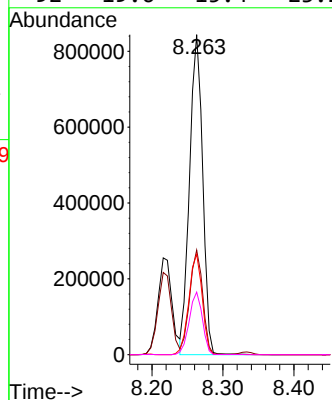


#33
4-Chloroaniline
Concen: 71.465 ng
RT: 8.263 min Scan# 1031
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

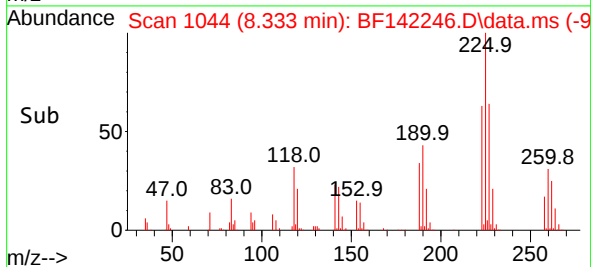
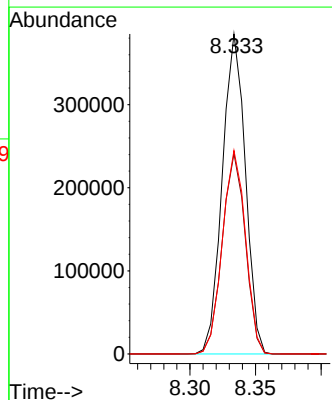
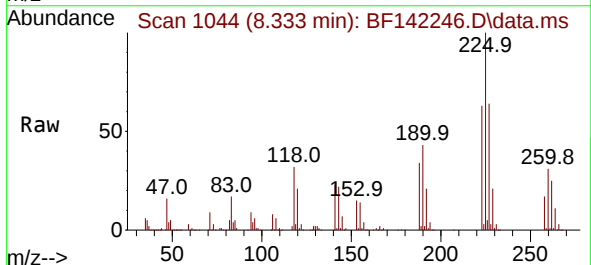


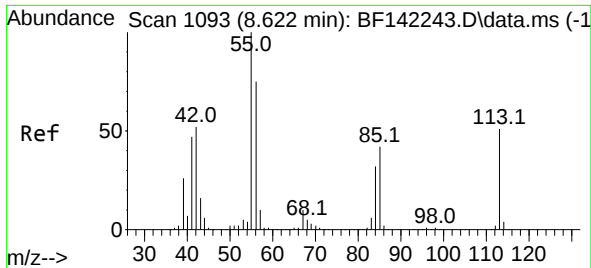
Tgt Ion:127 Resp: 1084543
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1
65 31.4 25.5 38.3
92 19.6 15.4 23.2



#34
Hexachlorobutadiene
Concen: 73.564 ng
RT: 8.333 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:225 Resp: 471301
Ion Ratio Lower Upper
225 100
223 62.5 49.7 74.5
227 63.6 51.0 76.4

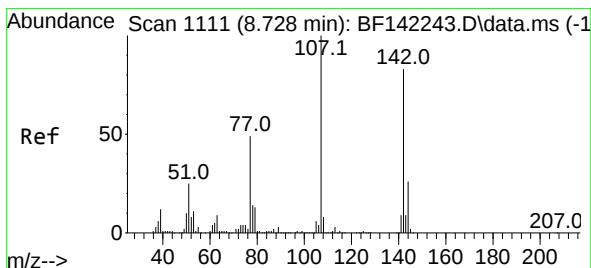
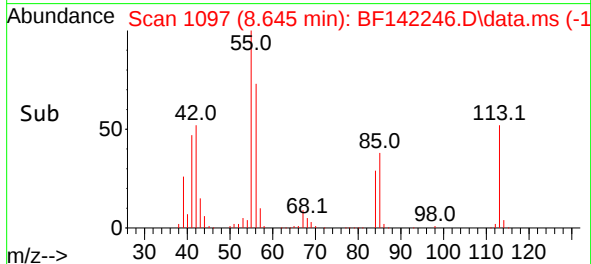
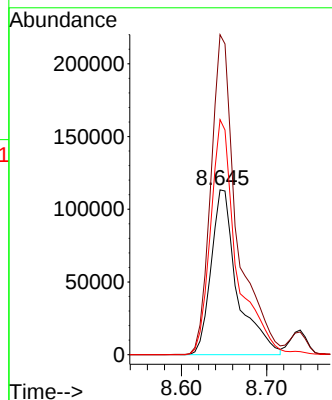
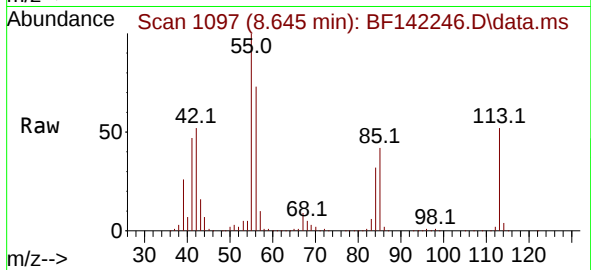




#35
 Caprolactam
 Concen: 81.958 ng
 RT: 8.645 min Scan# 1097
 Delta R.T. 0.023 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

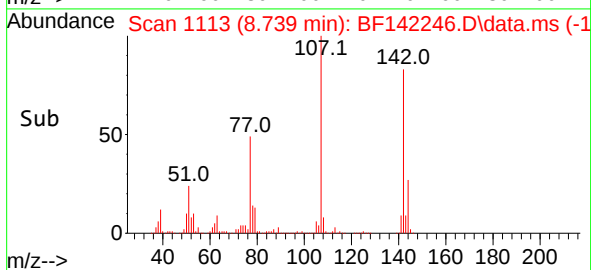
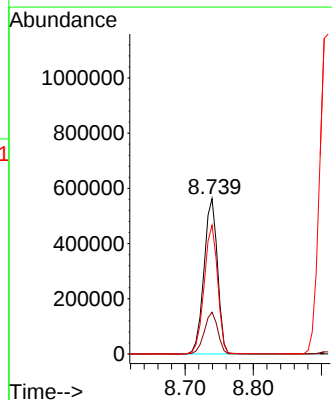
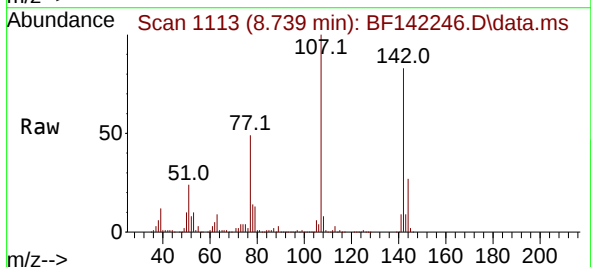
Instrument :
 BNA_F
 ClientSampleId :

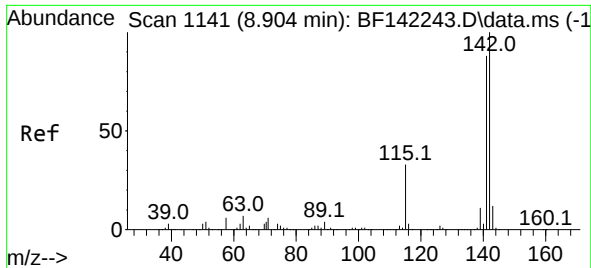
Tgt Ion:113 Resp: 242414
 Ion Ratio Lower Upper
 113 100
 55 194.1 177.7 217.7
 56 142.5 127.1 167.1



#36
 4-Chloro-3-methylphenol
 Concen: 76.844 ng
 RT: 8.739 min Scan# 1113
 Delta R.T. 0.012 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

Tgt Ion:107 Resp: 776483
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.0 31.4
 142 82.9 66.1 99.1

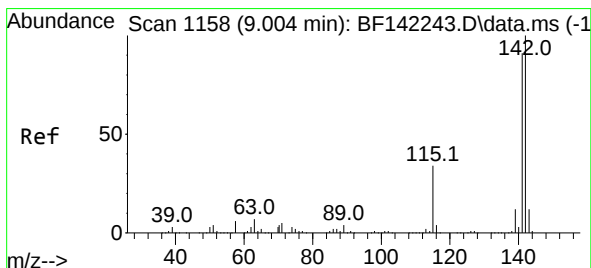
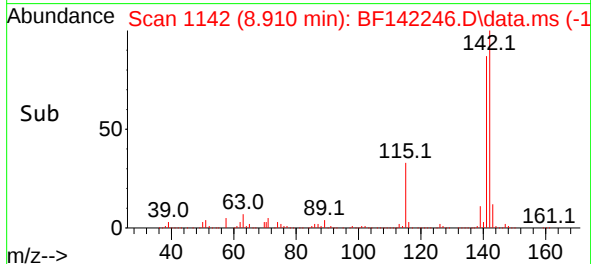
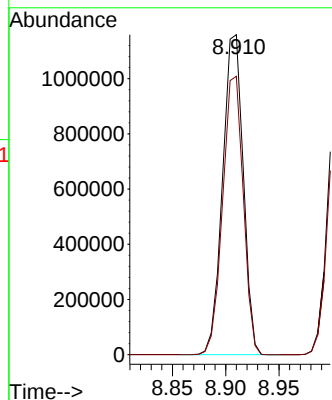
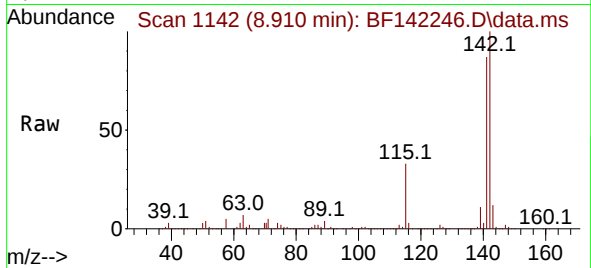




#37
2-Methylnaphthalene
Concen: 69.615 ng
RT: 8.910 min Scan# 1141
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

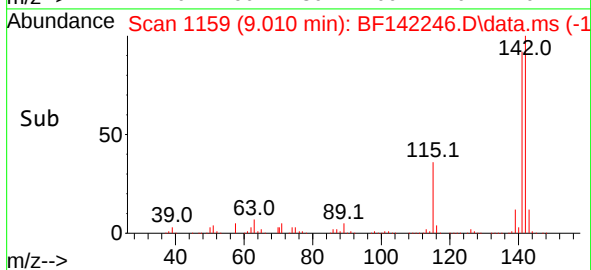
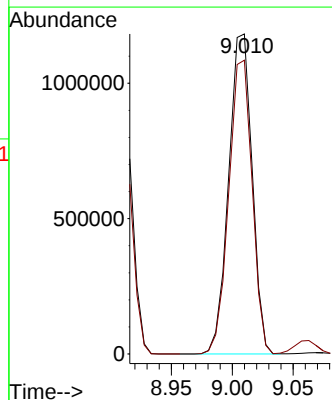
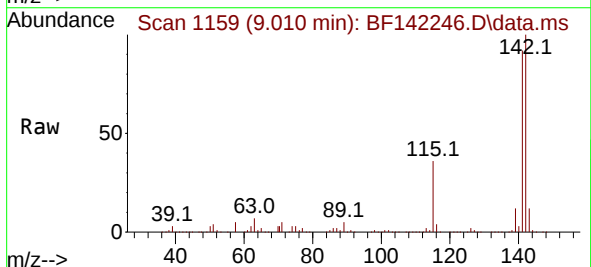
Instrument :
BNA_F
ClientSampleId :

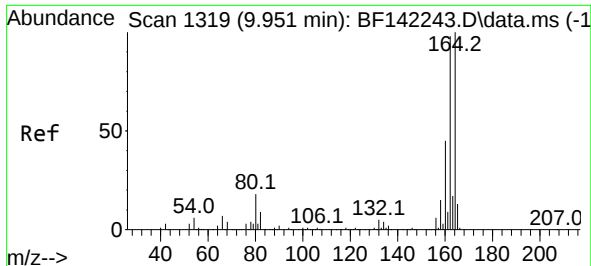
Tgt Ion:142 Resp: 1559858
Ion Ratio Lower Upper
142 100
141 87.0 70.5 105.7



#38
1-Methylnaphthalene
Concen: 68.237 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

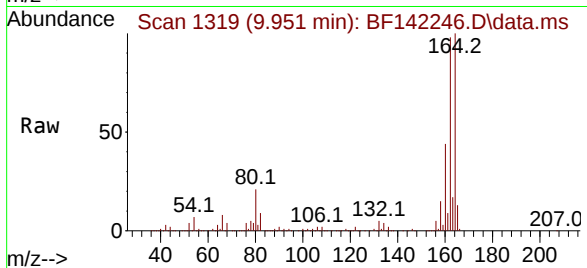
Tgt Ion:142 Resp: 1583955
Ion Ratio Lower Upper
142 100
141 91.8 72.8 109.2



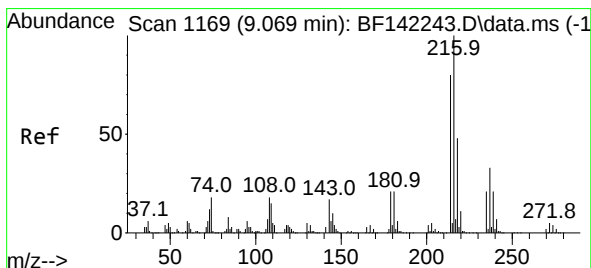
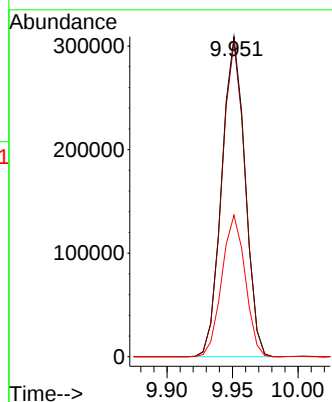
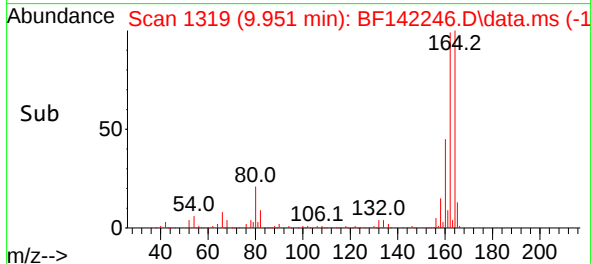


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.951 min Scan# 1170
 Delta R.T. 0.000 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

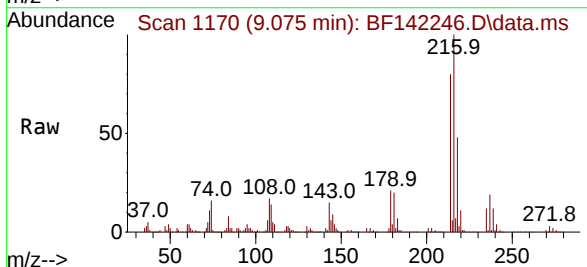
Instrument :
 BNA_F
 ClientSampleId :



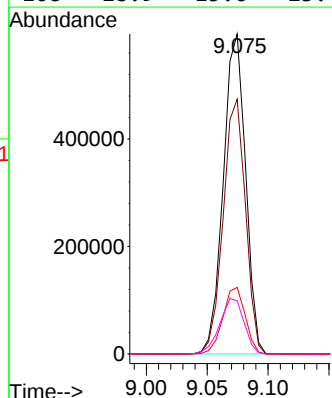
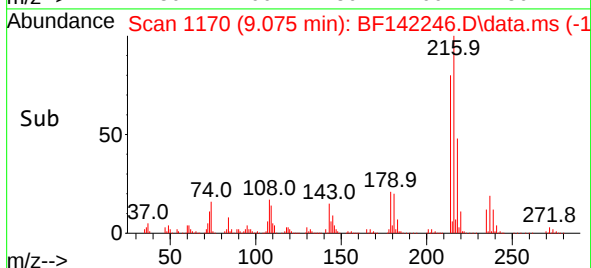
Tgt Ion:164 Resp: 381378
 Ion Ratio Lower Upper
 164 100
 162 98.2 78.6 117.8
 160 44.2 35.7 53.5

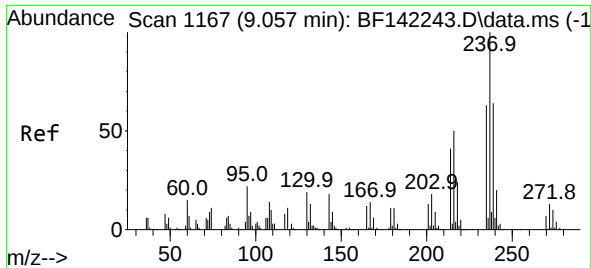


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 70.548 ng
 RT: 9.075 min Scan# 1170
 Delta R.T. 0.006 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43



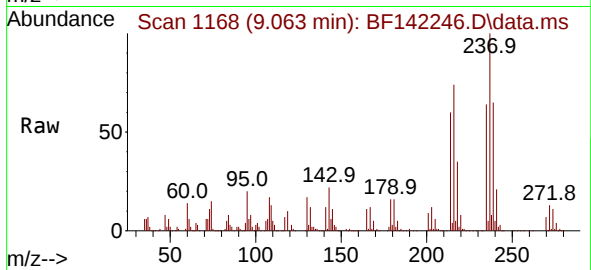
Tgt Ion:216 Resp: 757210
 Ion Ratio Lower Upper
 216 100
 214 79.7 63.8 95.6
 179 21.0 16.7 25.1
 108 18.9 15.6 23.4



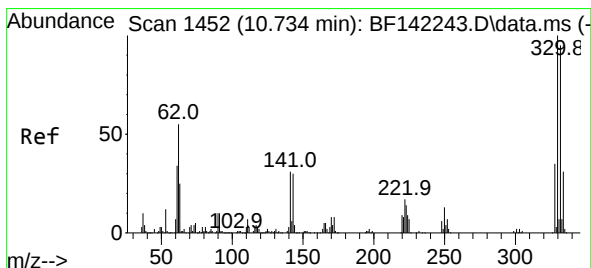
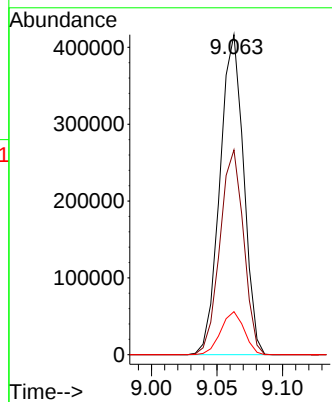
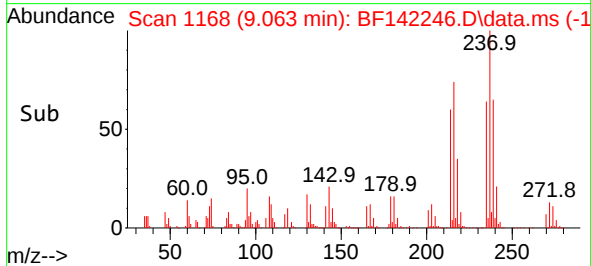


#41
Hexachlorocyclopentadiene
Concen: 85.886 ng
RT: 9.063 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

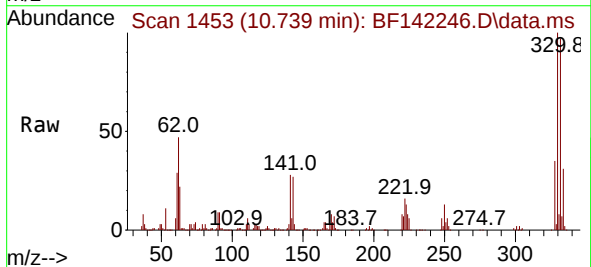
Instrument :
BNA_F
ClientSampleId :



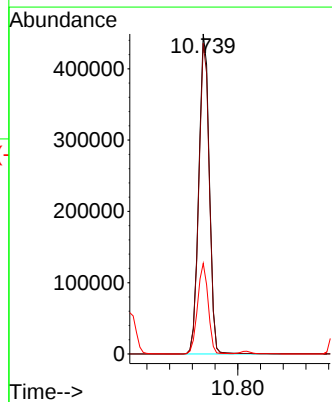
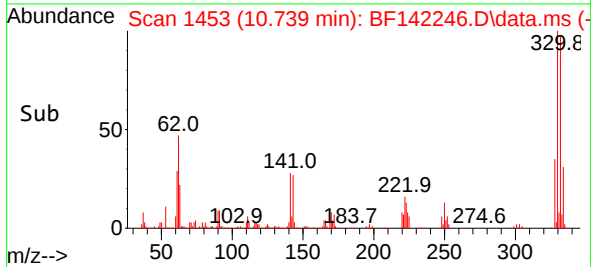
Tgt Ion:237 Resp: 523186
Ion Ratio Lower Upper
237 100
235 64.0 43.5 83.5
272 13.5 0.0 32.9

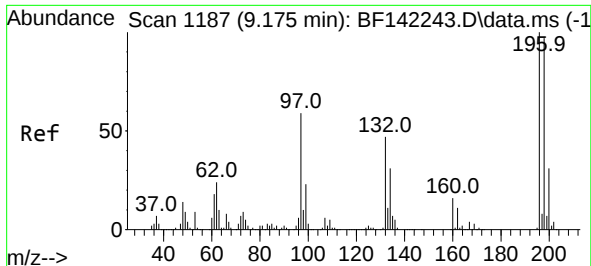


#42
2,4,6-Tribromophenol
Concen: 166.657 ng
RT: 10.739 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



Tgt Ion:330 Resp: 579431
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 28.6 24.3 36.5





#43

2,4,6-Trichlorophenol

Concen: 81.996 ng

RT: 9.180 min Scan# 1187

Delta R.T. 0.006 min

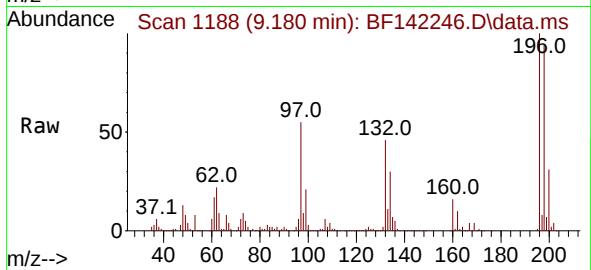
Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :



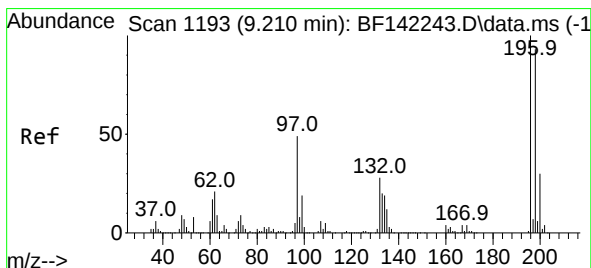
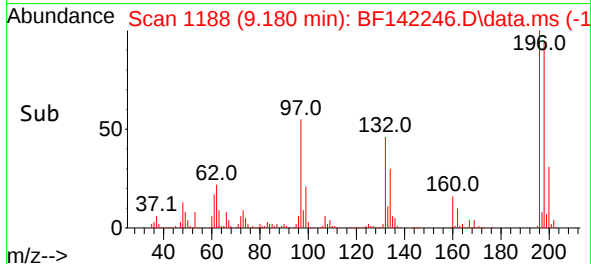
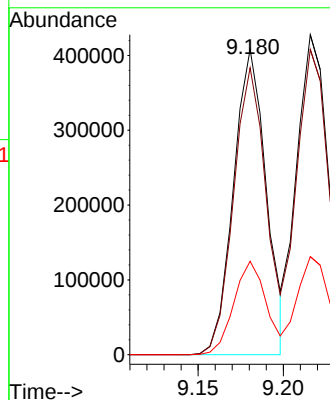
Tgt Ion:196 Resp: 545358

Ion Ratio Lower Upper

196 100

198 93.9 77.4 116.2

200 30.6 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 79.732 ng

RT: 9.216 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Tgt Ion:196 Resp: 557542

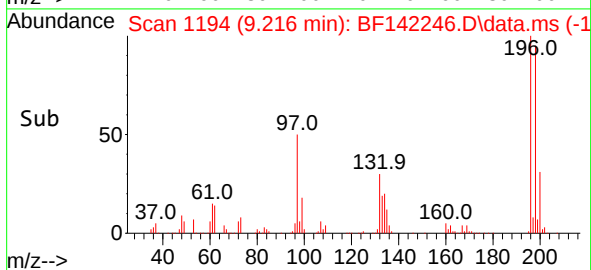
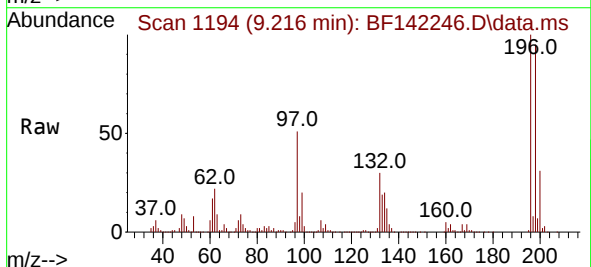
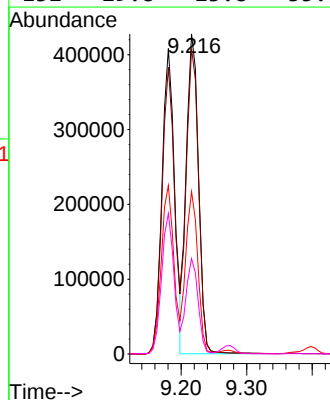
Ion Ratio Lower Upper

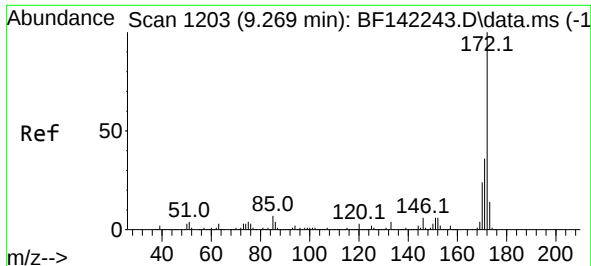
196 100

198 95.4 75.2 112.8

97 50.7 39.8 59.8

132 29.8 23.8 35.8

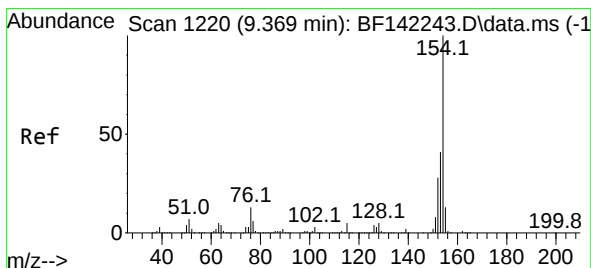
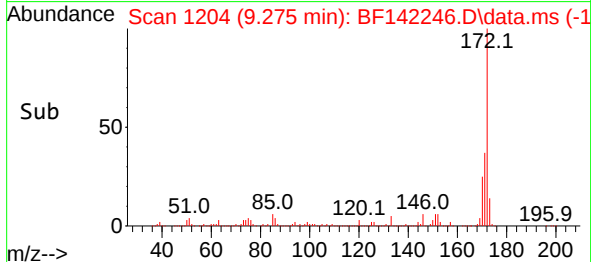
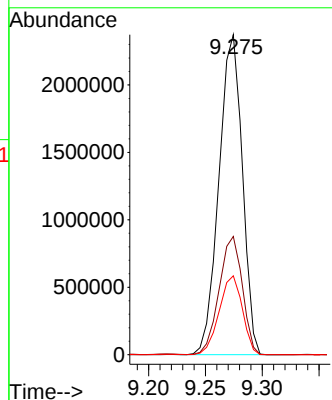
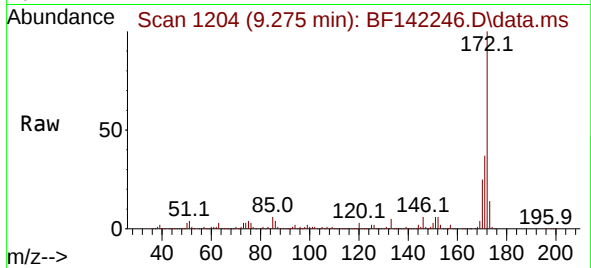




#45
2-Fluorobiphenyl
Concen: 125.694 ng
RT: 9.275 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

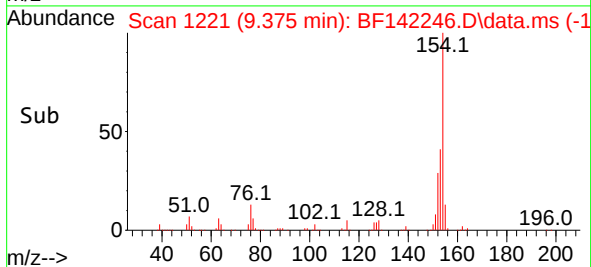
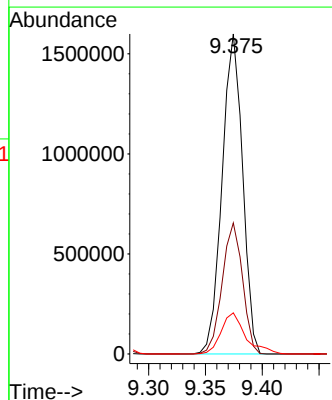
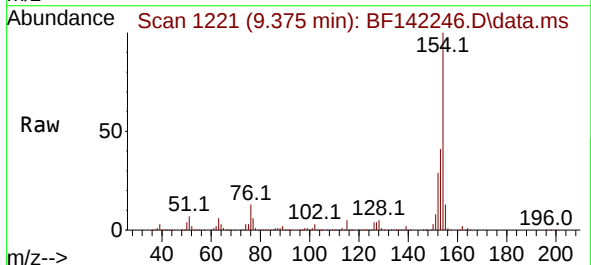
Instrument :
BNA_F
ClientSampleId :

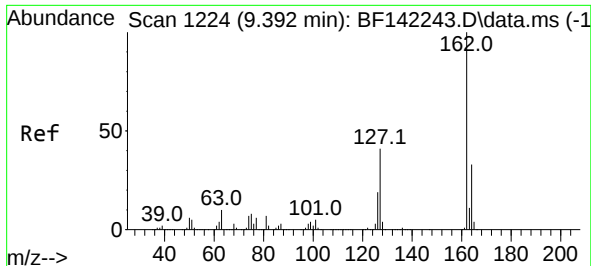
Tgt Ion:172 Resp: 3399868
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.4
170 24.6 19.4 29.0



#46
1,1'-Biphenyl
Concen: 67.691 ng
RT: 9.375 min Scan# 1221
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:154 Resp: 2006955
Ion Ratio Lower Upper
154 100
153 40.9 20.5 60.5
76 12.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 70.140 ng

RT: 9.398 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

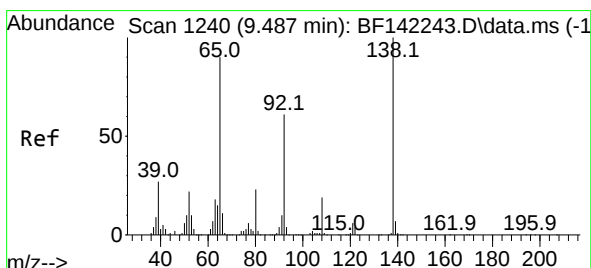
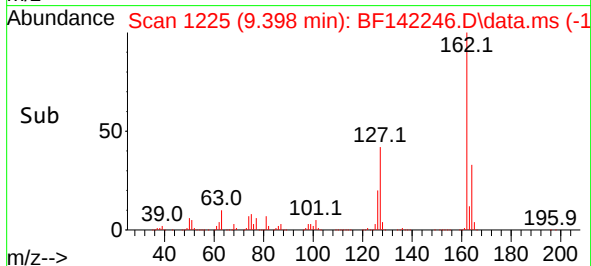
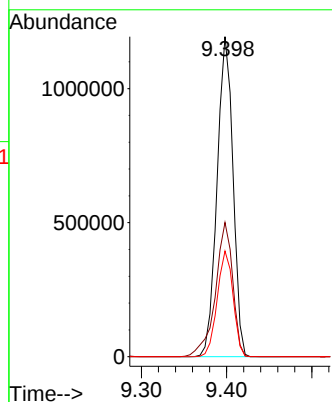
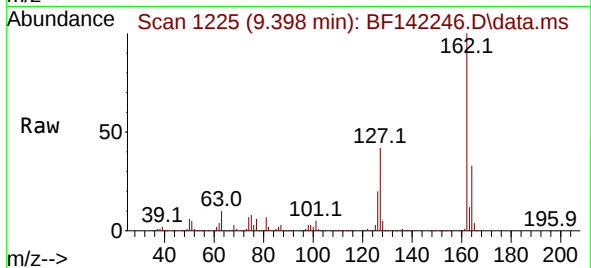
Tgt Ion:162 Resp: 1547207

Ion Ratio Lower Upper

162 100

127 41.9 32.6 49.0

164 33.0 26.1 39.1



#48

2-Nitroaniline

Concen: 79.390 ng

RT: 9.486 min Scan# 1240

Delta R.T. -0.001 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

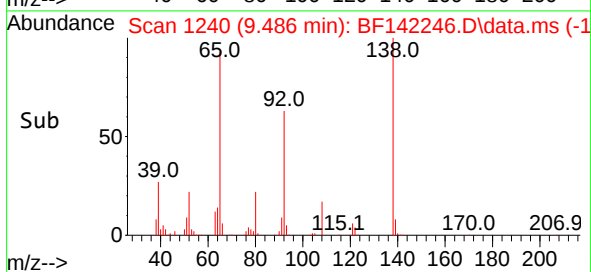
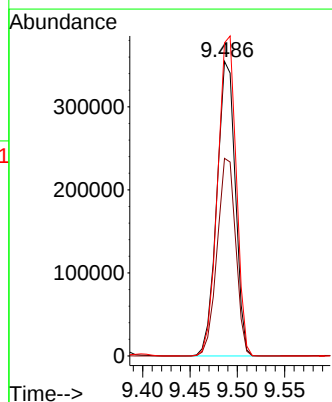
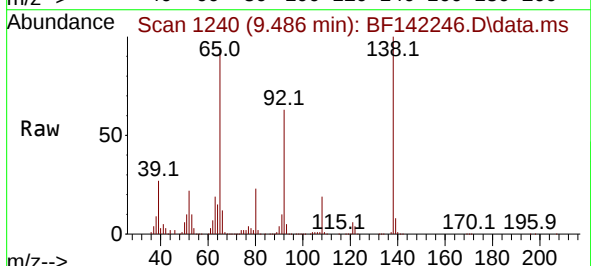
Tgt Ion: 65 Resp: 481954

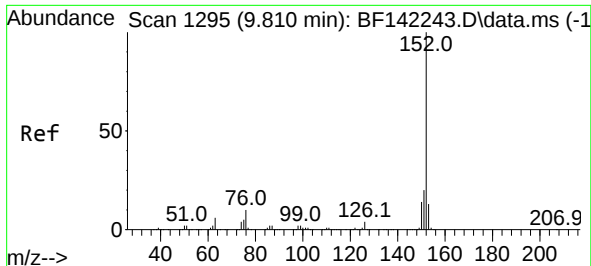
Ion Ratio Lower Upper

65 100

92 67.1 54.3 81.5

138 106.4 88.6 133.0





#49

Acenaphthylene

Concen: 68.650 ng

RT: 9.816 min Scan# 1

Delta R.T. 0.006 min

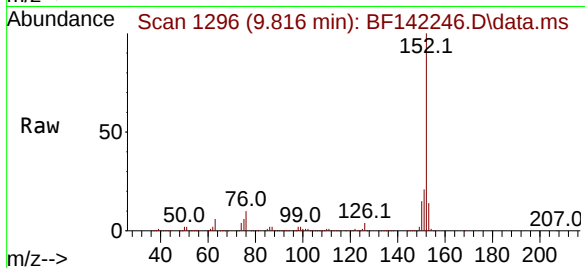
Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :



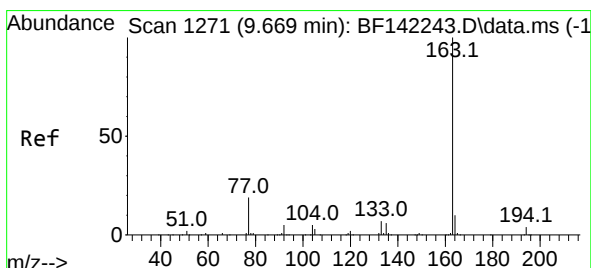
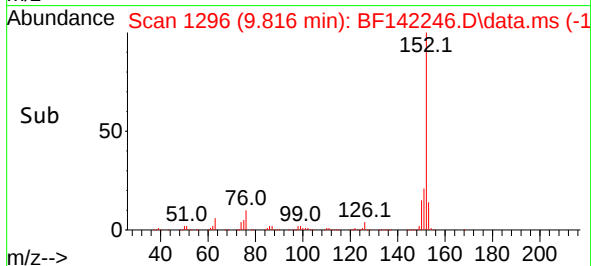
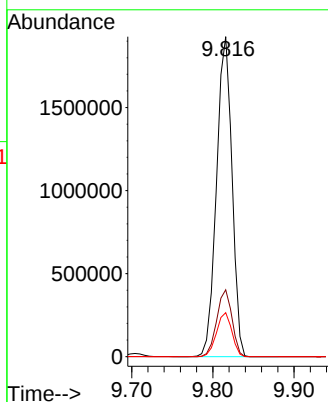
Tgt Ion:152 Resp: 2555385

Ion Ratio Lower Upper

152 100

151 20.9 16.2 24.2

153 13.7 10.7 16.1



#50

Dimethylphthalate

Concen: 72.052 ng

RT: 9.675 min Scan# 1272

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

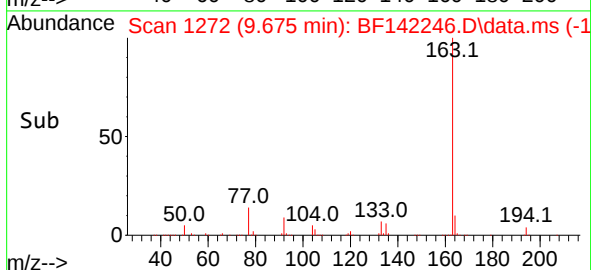
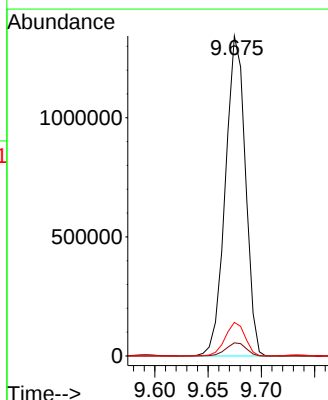
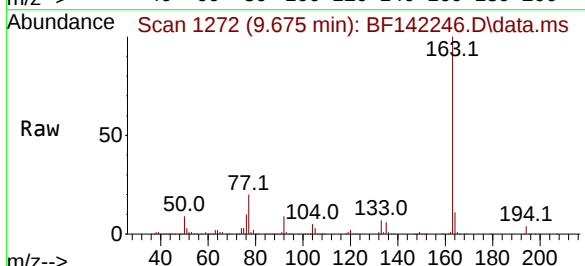
Tgt Ion:163 Resp: 1757977

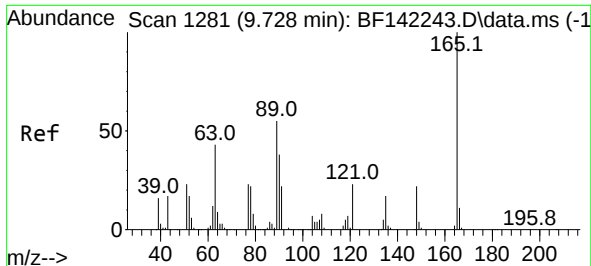
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.5 8.2 12.2

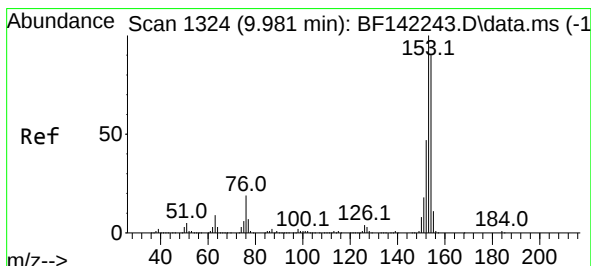
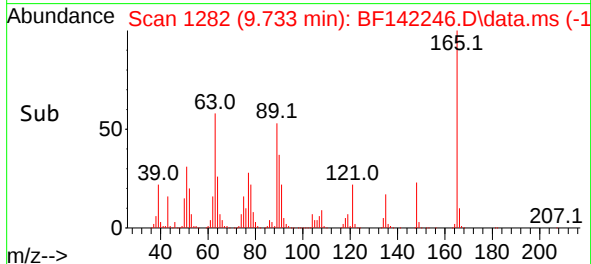
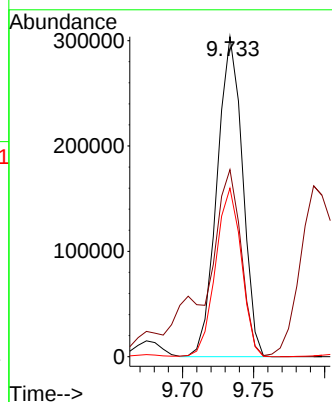
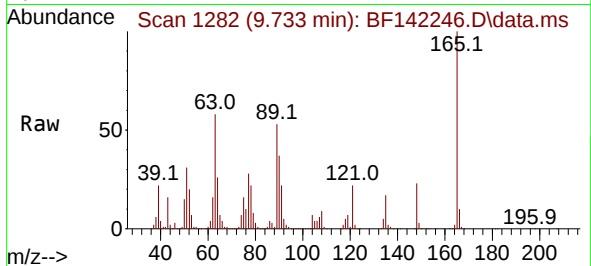




#51
2,6-Dinitrotoluene
Concen: 78.246 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

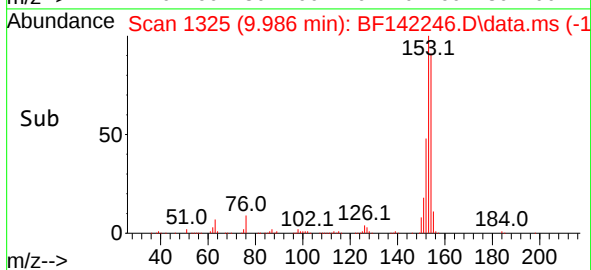
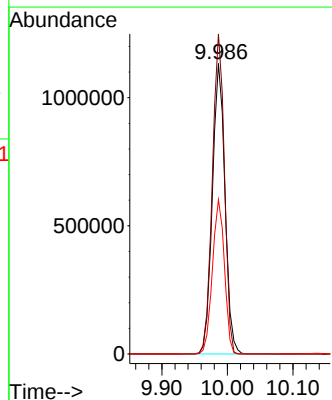
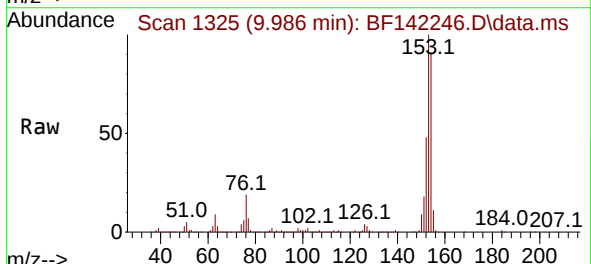
Instrument :
BNA_F
ClientSampleId :

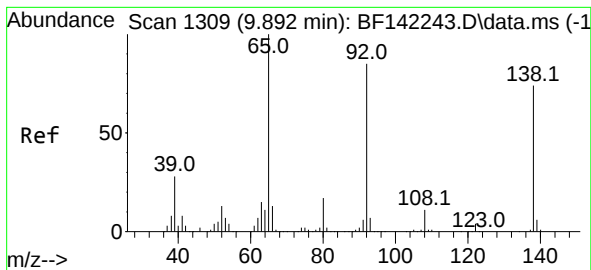
Tgt Ion:165 Resp: 379127
Ion Ratio Lower Upper
165 100
63 58.4 48.5 72.7
89 52.7 43.9 65.9



#52
Acenaphthene
Concen: 69.843 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:154 Resp: 1517991
Ion Ratio Lower Upper
154 100
153 110.2 88.6 133.0
152 53.1 42.1 63.1





#53

3-Nitroaniline

Concen: 78.061 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

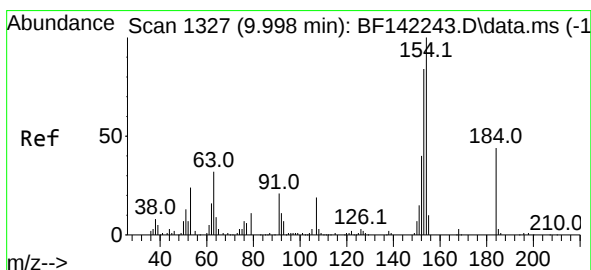
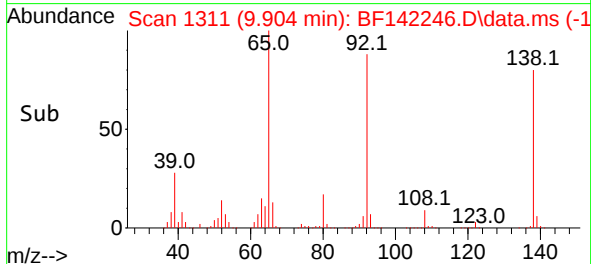
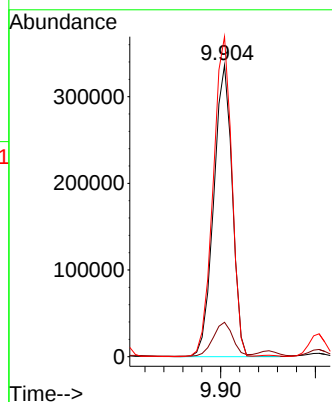
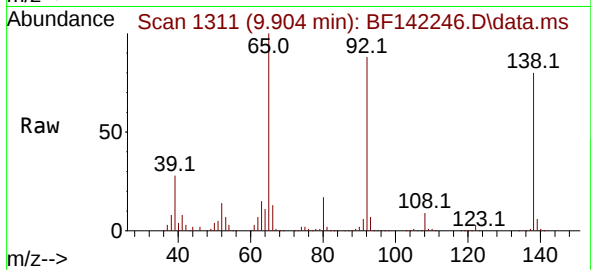
Tgt Ion:138 Resp: 456571

Ion Ratio Lower Upper

138 100

108 11.8 11.7 17.5

92 109.7 91.2 136.8



#54

2,4-Dinitrophenol

Concen: 79.532 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

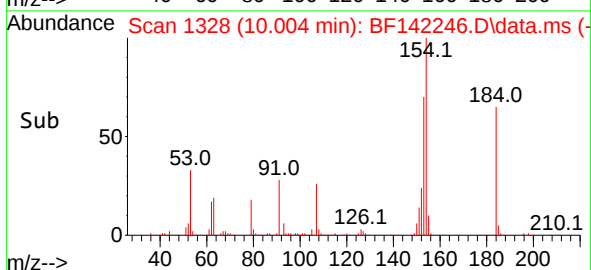
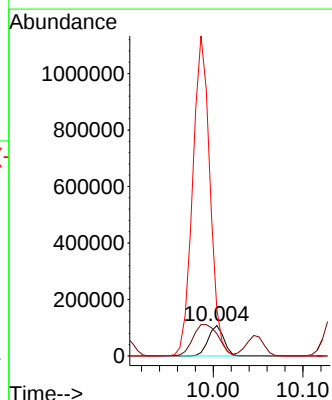
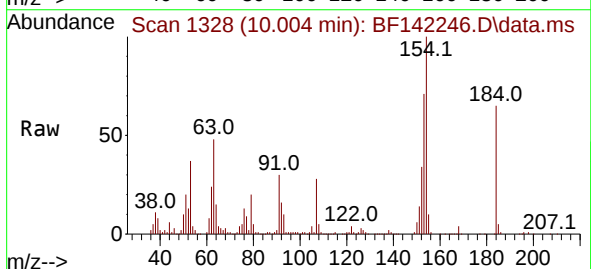
Tgt Ion:184 Resp: 129817

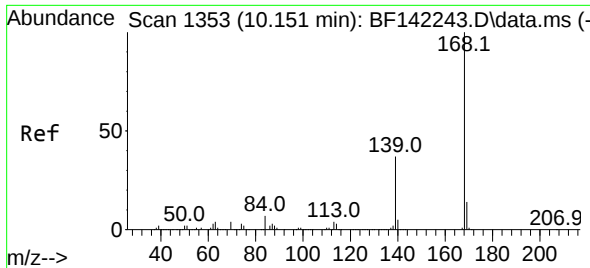
Ion Ratio Lower Upper

184 100

63 73.9 69.2 103.8

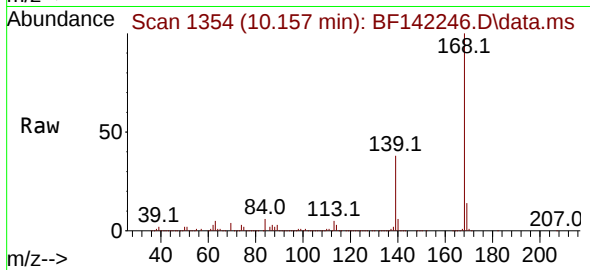
154 153.5 271.4 407.2#



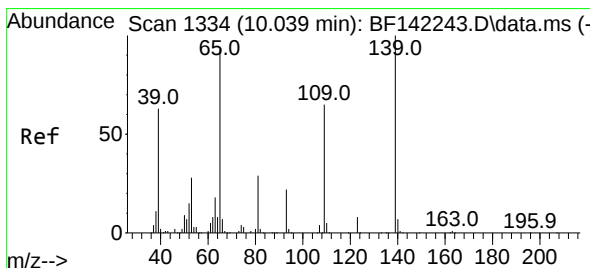
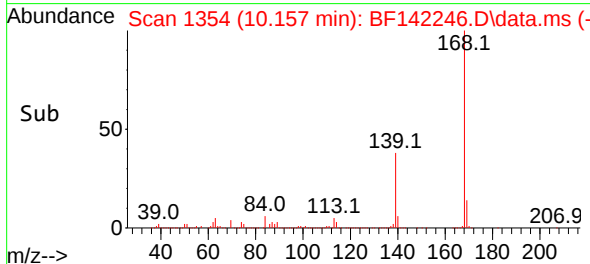
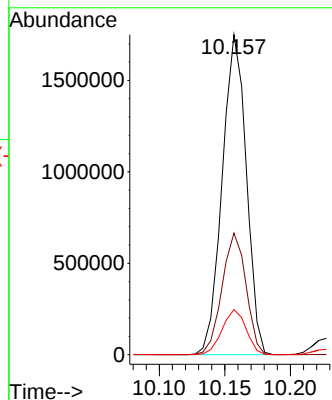


#55
Dibenzenofuran
Concen: 68.664 ng
RT: 10.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

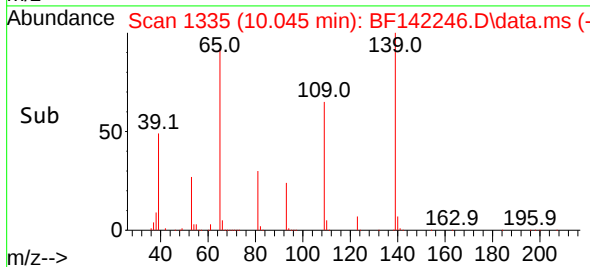
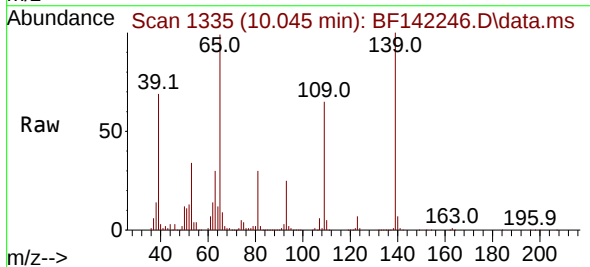
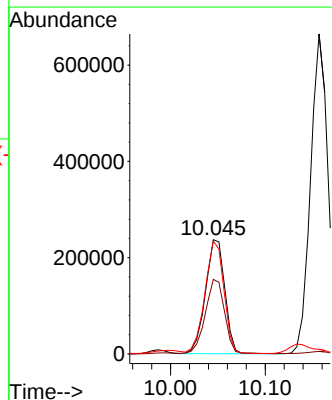


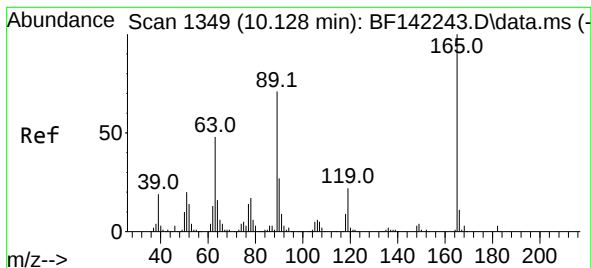
Tgt Ion:168 Resp: 2237085
Ion Ratio Lower Upper
168 100
139 38.0 29.4 44.0
169 14.1 11.0 16.4



#56
4-Nitrophenol
Concen: 87.357 ng
RT: 10.045 min Scan# 1335
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

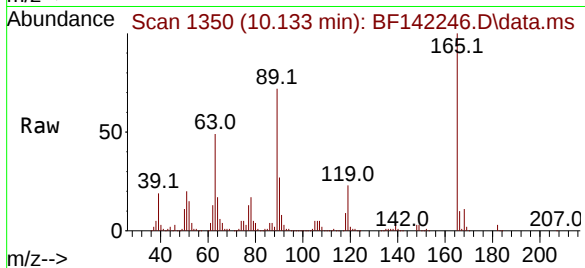
Tgt Ion:139 Resp: 335015
Ion Ratio Lower Upper
139 100
109 65.2 44.9 84.9
65 98.8 74.7 114.7



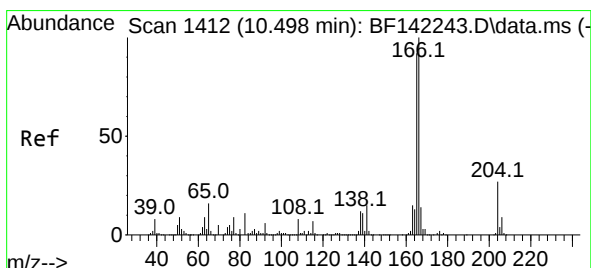
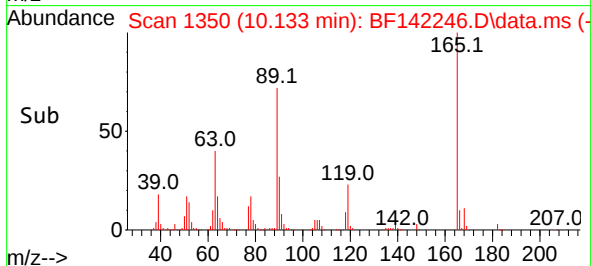
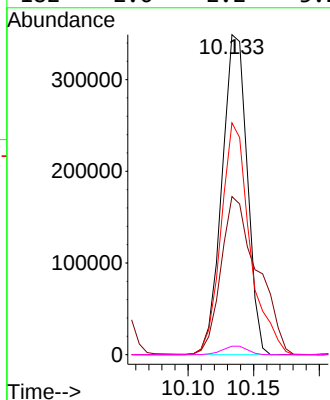


#57
2,4-Dinitrotoluene
Concen: 78.915 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

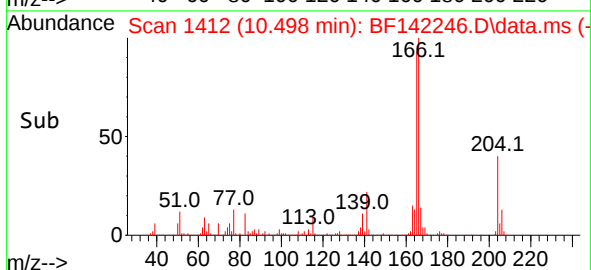
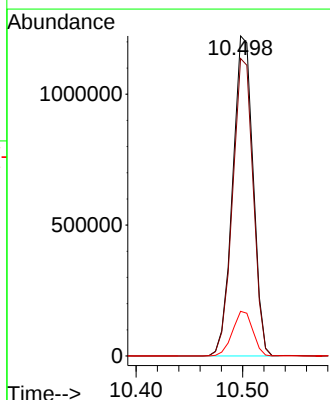
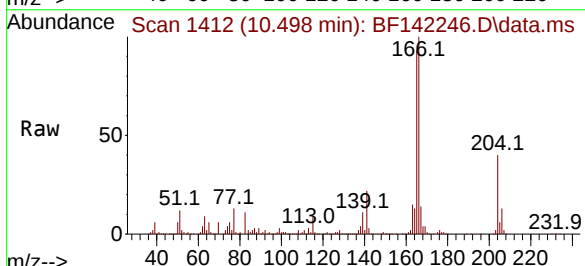


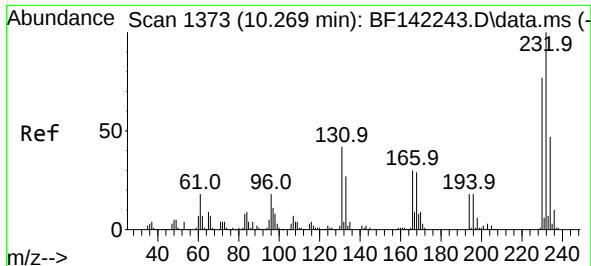
Tgt Ion:165 Resp: 467545
Ion Ratio Lower Upper
165 100
63 49.4 38.8 58.2
89 72.5 57.1 85.7
182 2.6 2.2 3.2



#58
Fluorene
Concen: 65.980 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

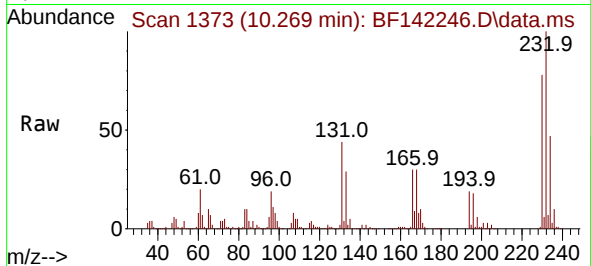
Tgt Ion:166 Resp: 1634486
Ion Ratio Lower Upper
166 100
165 93.0 73.9 110.9
167 13.9 10.8 16.2



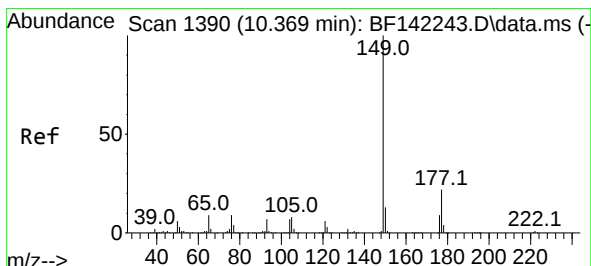
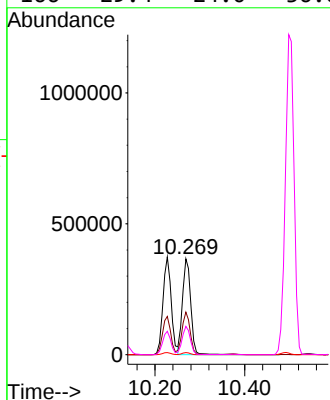
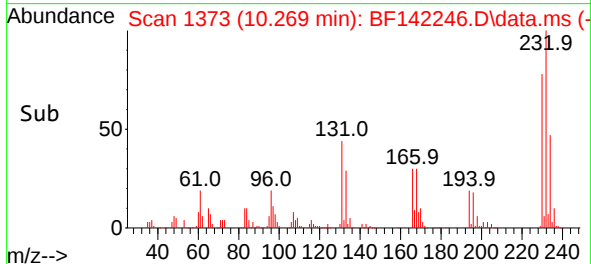


#59
2,3,4,6-Tetrachlorophenol
Concen: 80.286 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

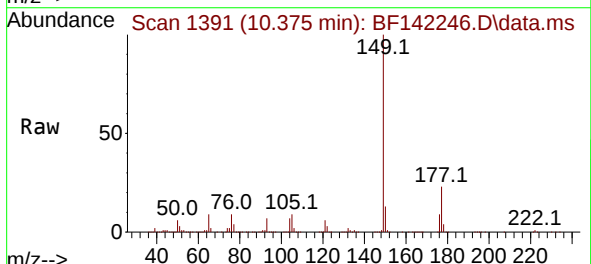
Instrument :
BNA_F
ClientSampleId :



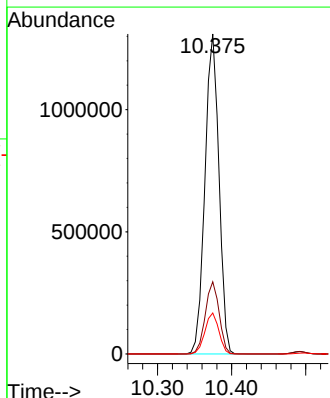
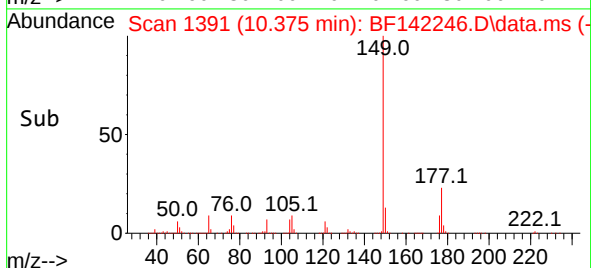
Tgt Ion:232 Resp: 465050
Ion Ratio Lower Upper
232 100
131 44.0 35.9 53.9
130 2.2 1.8 2.6
166 29.4 24.0 36.0

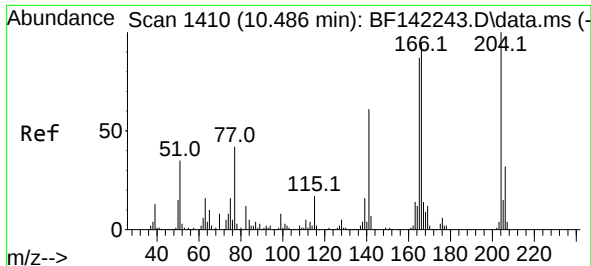


#60
Diethylphthalate
Concen: 71.292 ng
RT: 10.375 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



Tgt Ion:149 Resp: 1717661
Ion Ratio Lower Upper
149 100
177 22.5 17.6 26.4
150 12.8 10.2 15.2

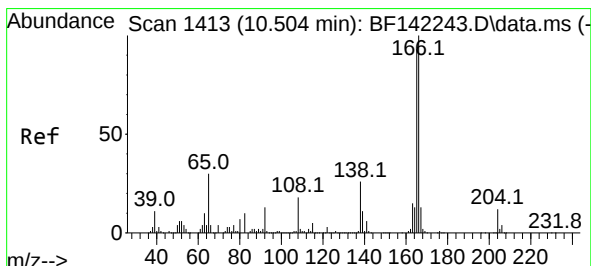
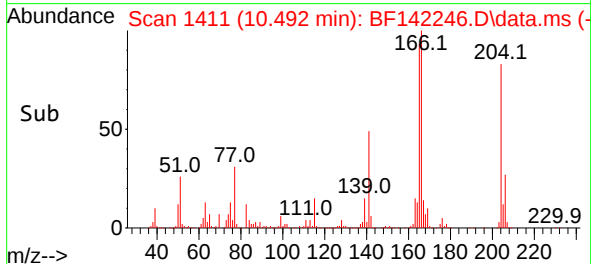
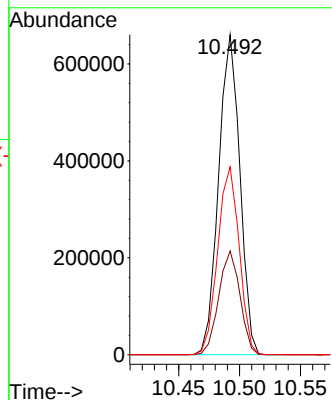
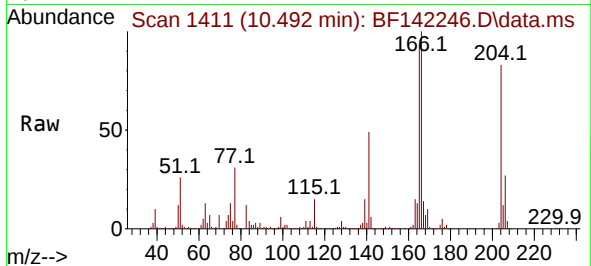




#61
4-Chlorophenyl-phenylether
Concen: 68.190 ng
RT: 10.492 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

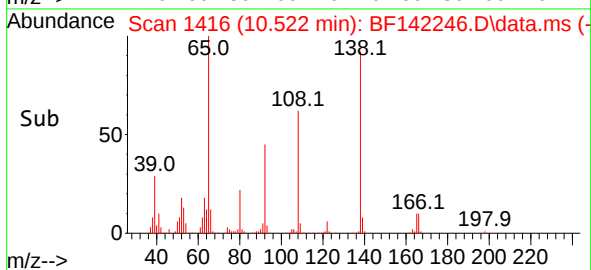
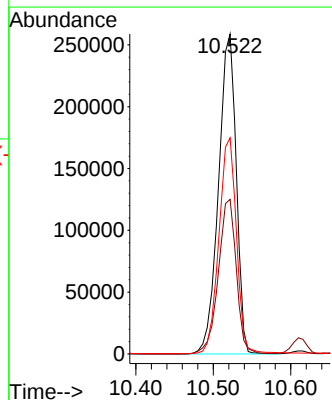
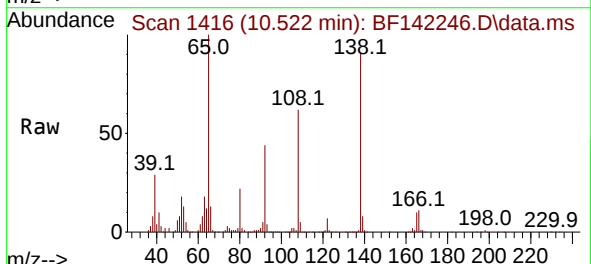
Instrument :
BNA_F
ClientSampleId :

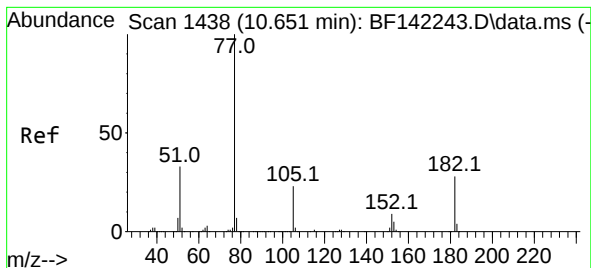
Tgt Ion:204 Resp: 802224
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 58.7 48.9 73.3



#62
4-Nitroaniline
Concen: 77.614 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:138 Resp: 410928
Ion Ratio Lower Upper
138 100
92 48.3 29.2 69.2
108 67.6 49.1 89.1





#63

Azobenzene

Concen: 70.379 ng

RT: 10.651 min Scan# 1438

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 1674434

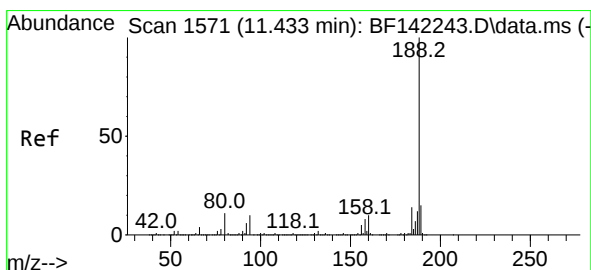
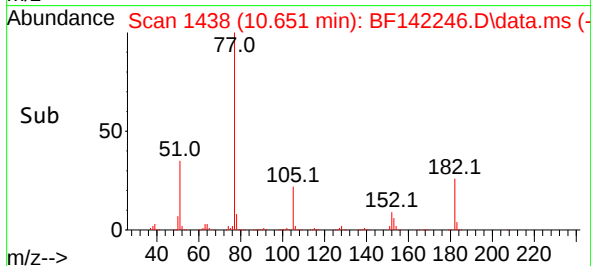
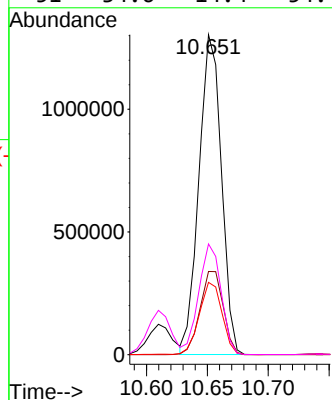
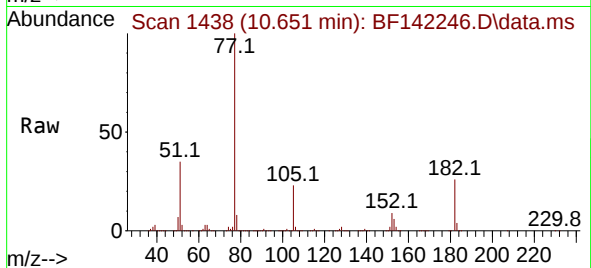
Ion Ratio Lower Upper

77 100

182 26.0 7.3 47.3

105 22.6 2.5 42.5

51 34.6 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: BF142246.D

Acq: 30 Apr 2025 14:43

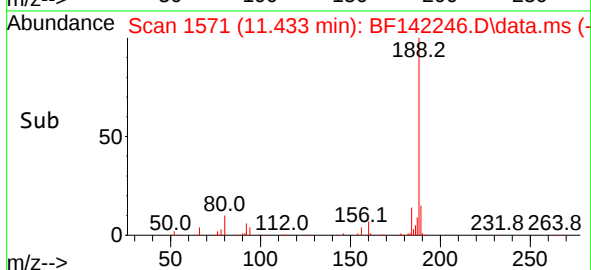
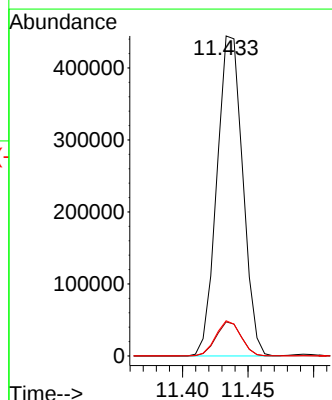
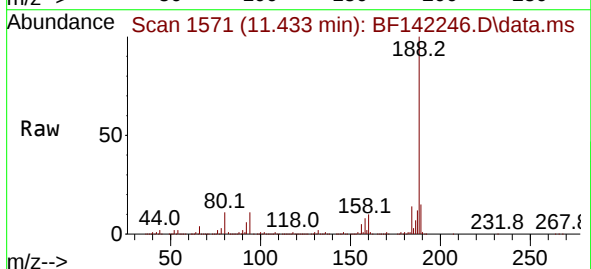
Tgt Ion: 188 Resp: 608907

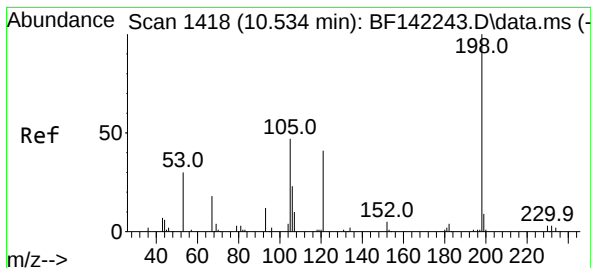
Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.2

80 11.0 8.6 12.8

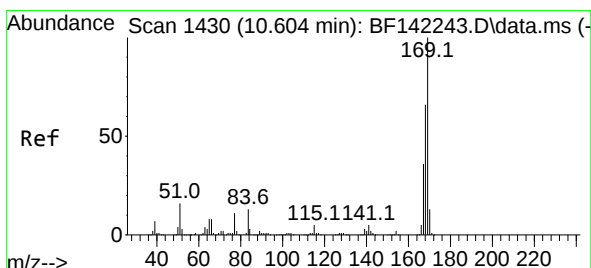
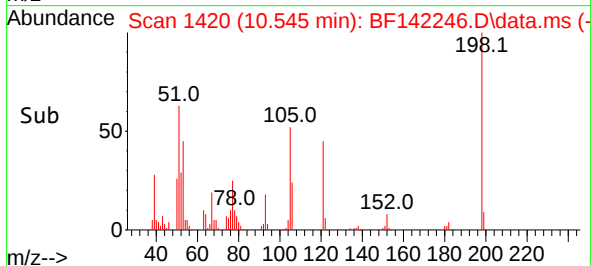
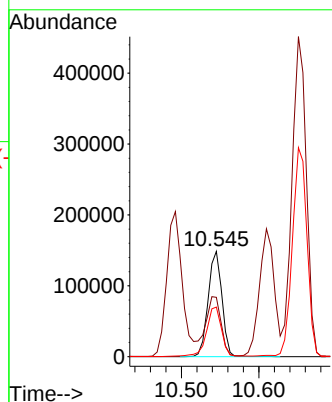
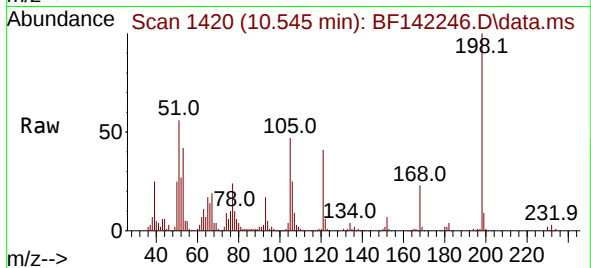




#65
4,6-Dinitro-2-methylphenol
Concen: 81.749 ng
RT: 10.545 min Scan# 1418
Delta R.T. 0.011 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

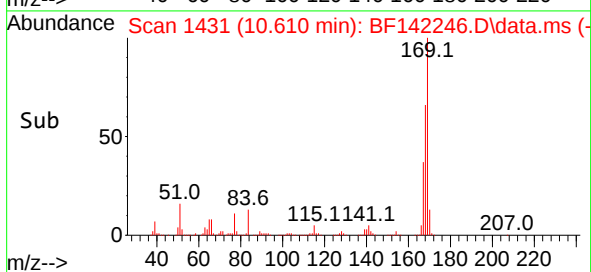
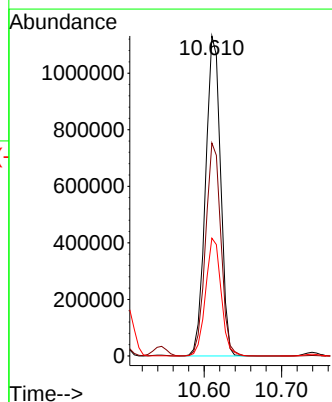
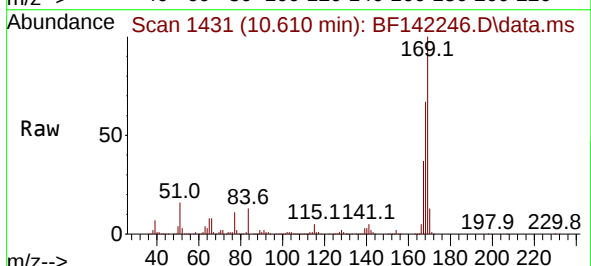
Instrument :
BNA_F
ClientSampleId :

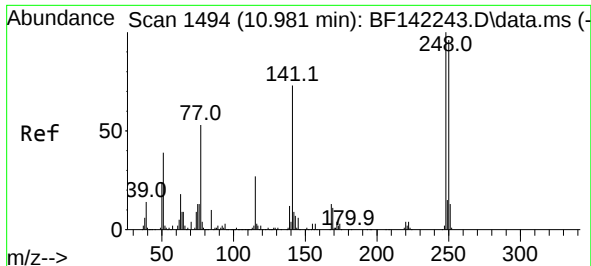
Tgt Ion:198 Resp: 183184
Ion Ratio Lower Upper
198 100
51 56.4 40.6 80.6
105 47.1 29.2 69.2



#66
n-Nitrosodiphenylamine
Concen: 72.983 ng
RT: 10.610 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

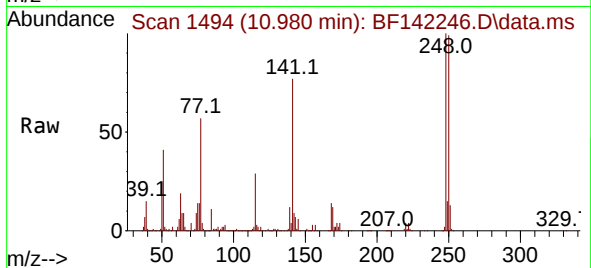
Tgt Ion:169 Resp: 1518420
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.8 28.8 43.2



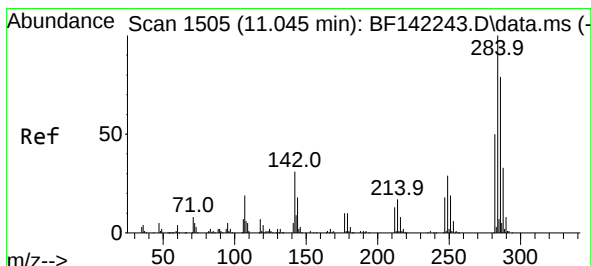
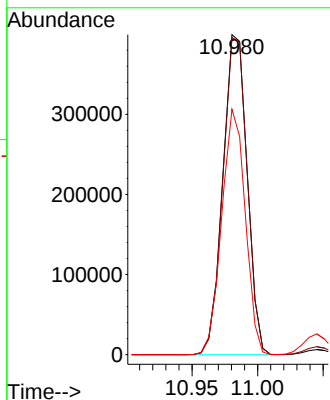
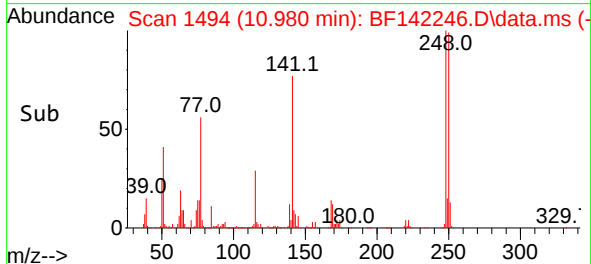


#67
4-Bromophenyl-phenylether
Concen: 75.866 ng
RT: 10.980 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

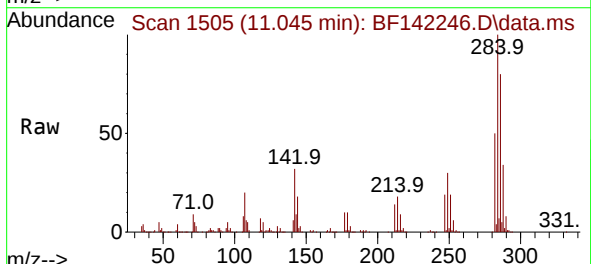
Instrument :
BNA_F
ClientSampleId :



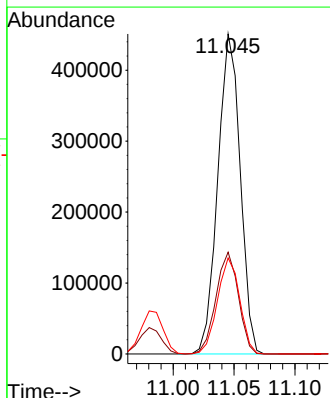
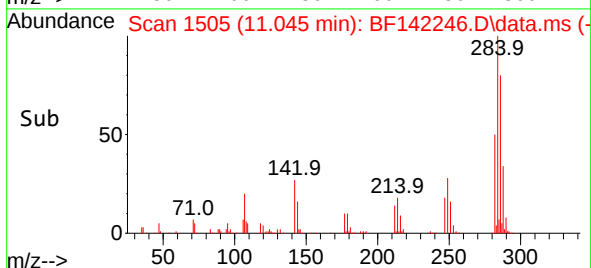
Tgt Ion:248 Resp: 514462
Ion Ratio Lower Upper
248 100
250 99.1 77.2 115.8
141 76.7 58.4 87.6

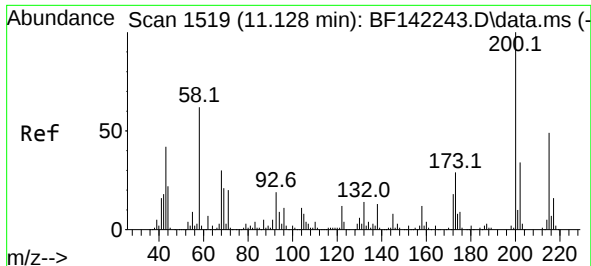


#68
Hexachlorobenzene
Concen: 75.999 ng
RT: 11.045 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



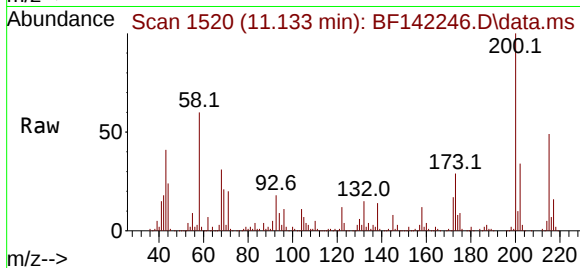
Tgt Ion:284 Resp: 577203
Ion Ratio Lower Upper
284 100
142 31.8 24.6 37.0
249 30.0 23.2 34.8



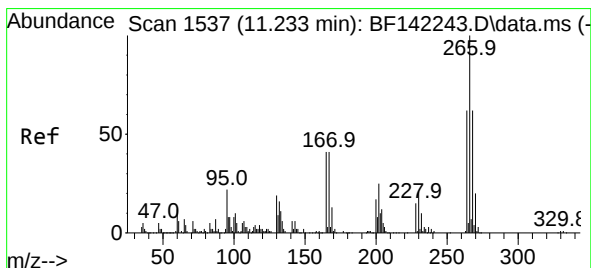
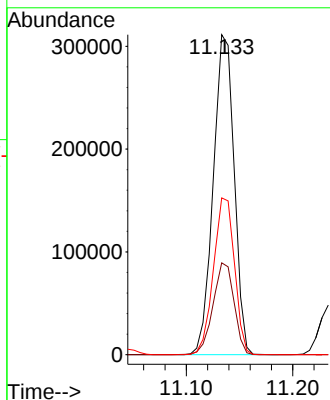
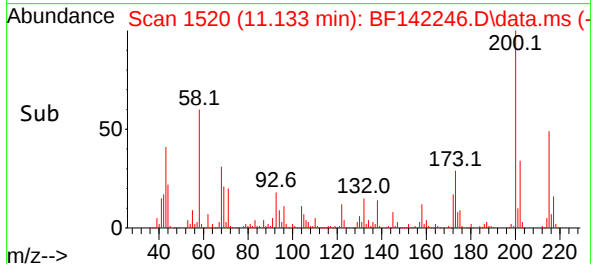


#69
 Atrazine
 Concen: 77.296 ng
 RT: 11.133 min Scan# 1520
 Delta R.T. 0.006 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43

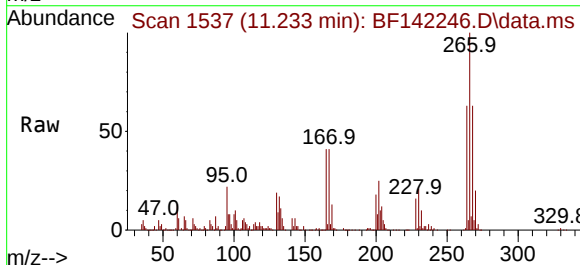
Instrument :
 BNA_F
 ClientSampleId :



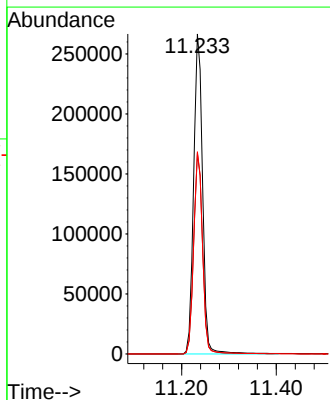
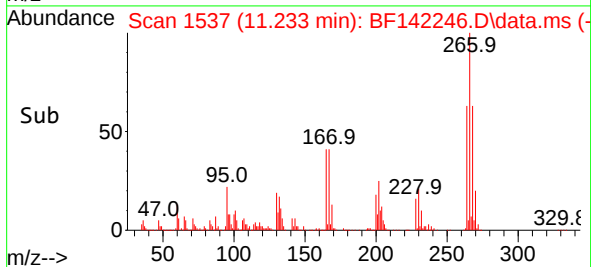
Tgt Ion:200 Resp: 423886
 Ion Ratio Lower Upper
 200 100
 173 28.7 8.6 48.6
 215 49.0 28.5 68.5

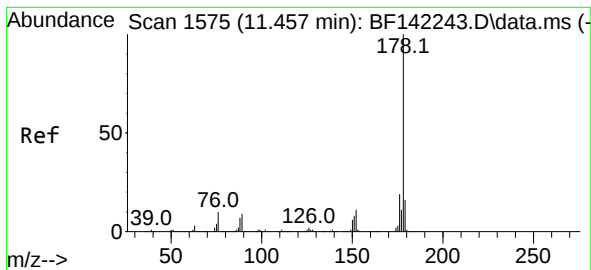


#70
 Pentachlorophenol
 Concen: 87.235 ng
 RT: 11.233 min Scan# 1537
 Delta R.T. 0.000 min
 Lab File: BF142246.D
 Acq: 30 Apr 2025 14:43



Tgt Ion:266 Resp: 350009
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.0 75.0
 264 63.2 49.3 73.9





#71

Phenanthrene

Concen: 69.578 ng

RT: 11.463 min Scan# 1575

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

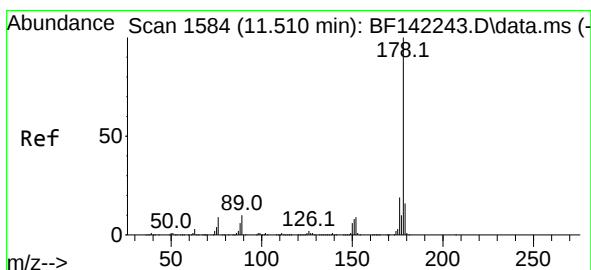
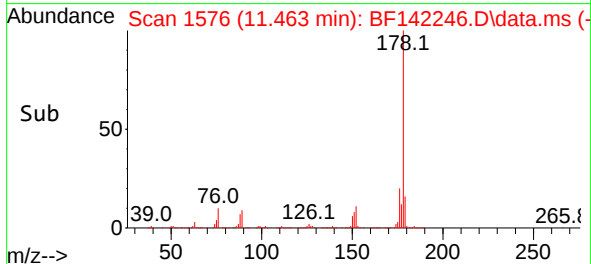
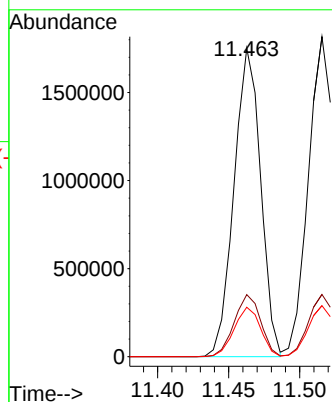
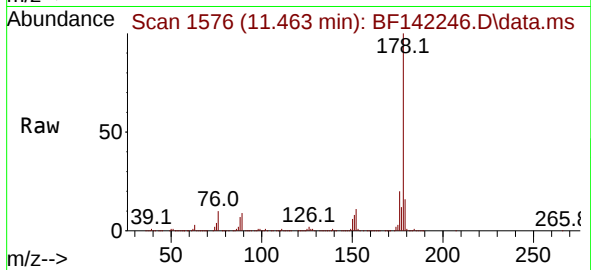
Tgt Ion:178 Resp: 2288481

Ion Ratio Lower Upper

178 100

176 20.1 15.5 23.3

179 16.1 12.6 19.0



#72

Anthracene

Concen: 69.482 ng

RT: 11.516 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

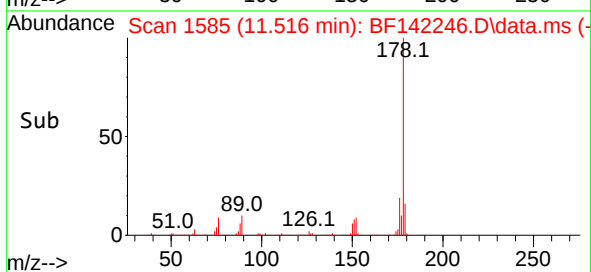
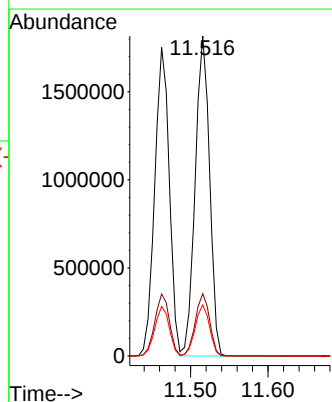
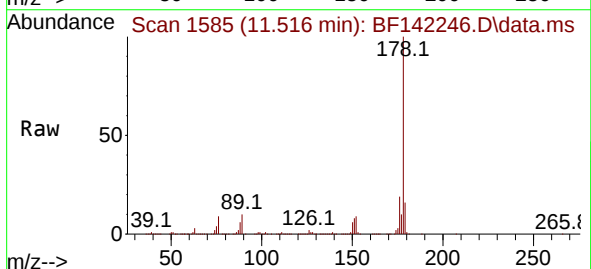
Tgt Ion:178 Resp: 2336551

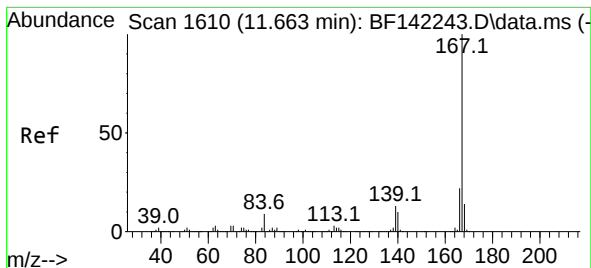
Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.9 12.7 19.1





#73

Carbazole

Concen: 68.058 ng

RT: 11.663 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

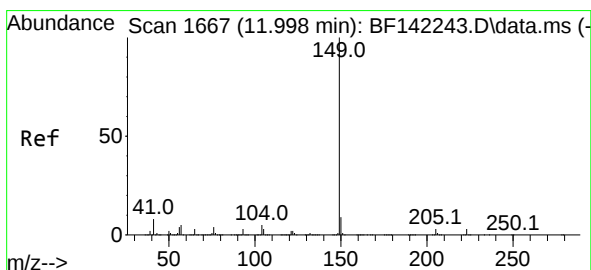
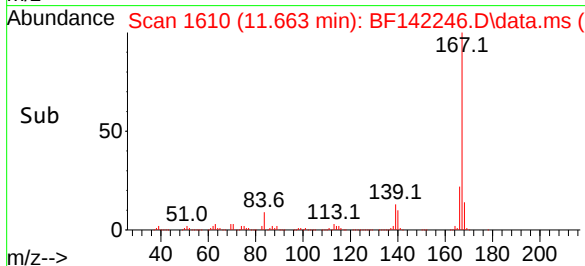
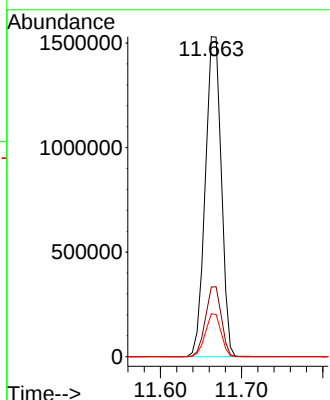
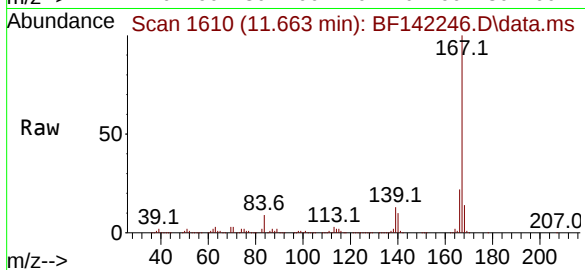
Tgt Ion:167 Resp: 2087769

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 72.002 ng

RT: 11.998 min Scan# 1667

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

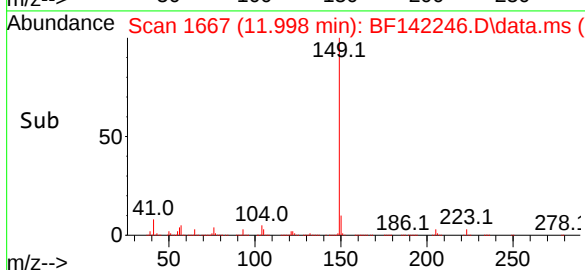
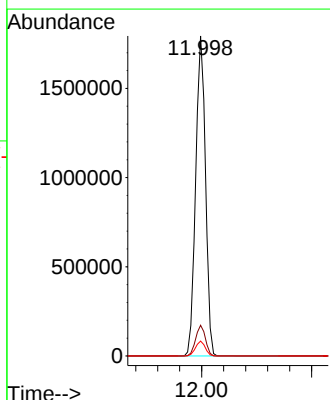
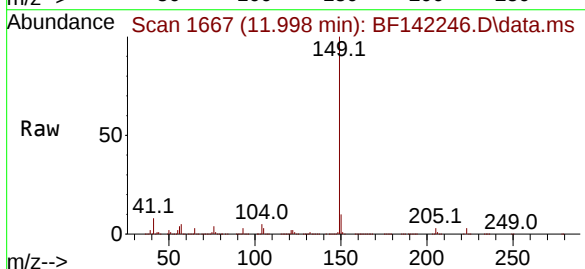
Tgt Ion:149 Resp: 2221417

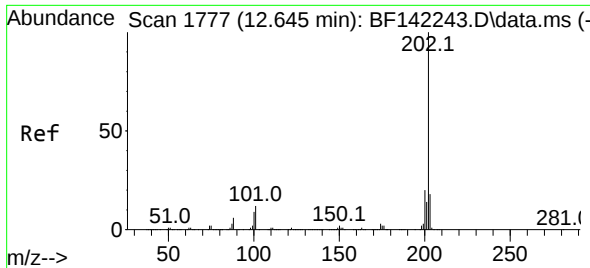
Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

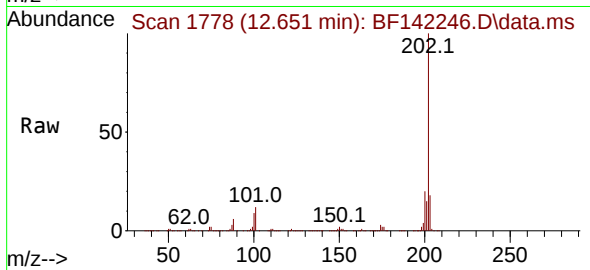
104 4.6 3.6 5.4



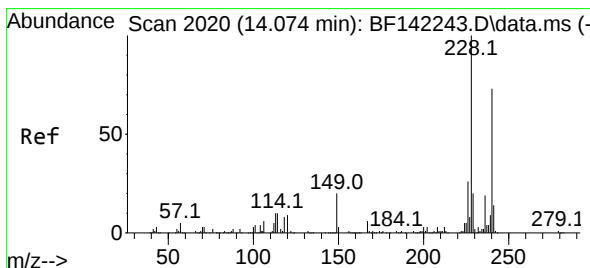
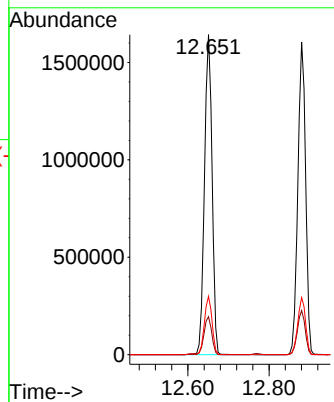
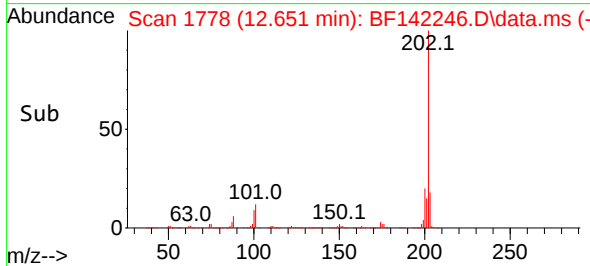


#75
Fluoranthene
Concen: 65.747 ng
RT: 12.651 min Scan# 1778
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

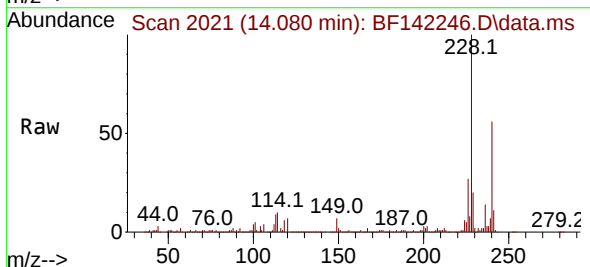
Instrument :
BNA_F
ClientSampleId :



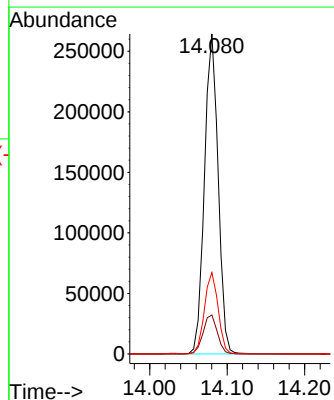
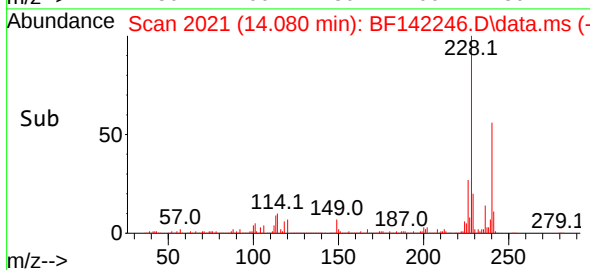
Tgt Ion:202 Resp: 2137636
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.4
203 18.2 0.0 37.5

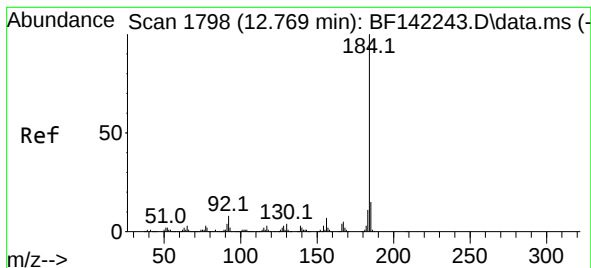


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43



Tgt Ion:240 Resp: 323925
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 25.4 20.5 30.7





#77

Benzidine

Concen: 76.247 ng

RT: 12.768 min Scan# 1798

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

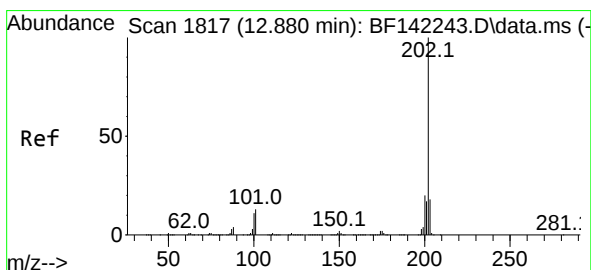
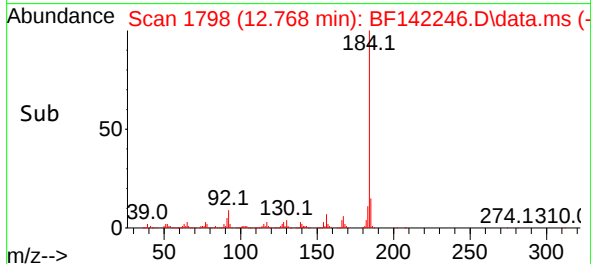
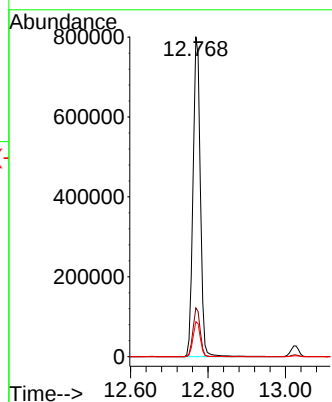
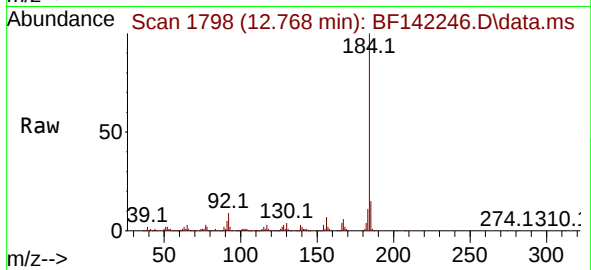
Tgt Ion:184 Resp: 1049467

Ion Ratio Lower Upper

184 100

185 15.3 11.8 17.6

183 11.0 8.9 13.3



#78

Pyrene

Concen: 70.910 ng

RT: 12.880 min Scan# 1817

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

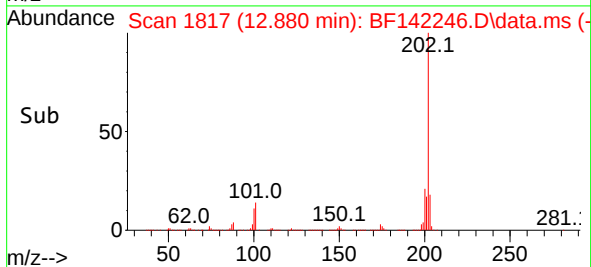
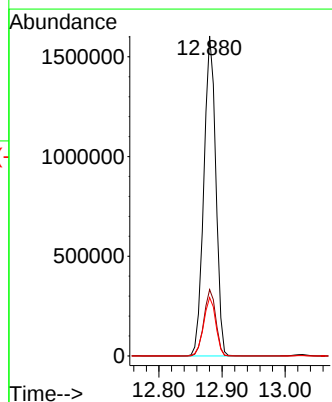
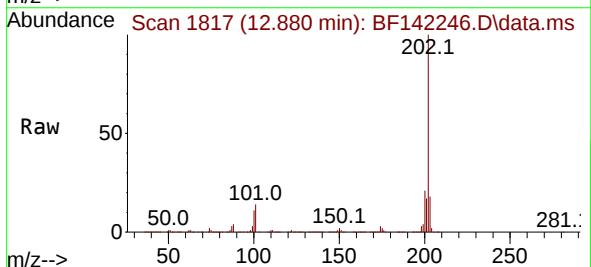
Tgt Ion:202 Resp: 2118847

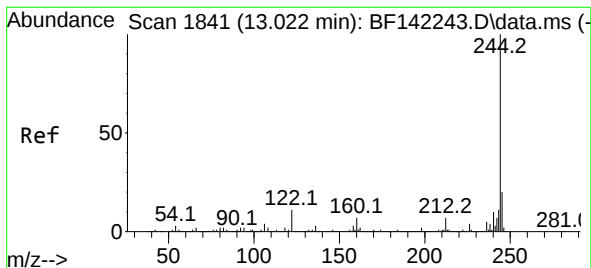
Ion Ratio Lower Upper

202 100

200 20.7 16.1 24.1

203 18.3 14.1 21.1





#79

Terphenyl-d14

Concen: 134.413 ng

RT: 13.027 min Scan# 1841

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

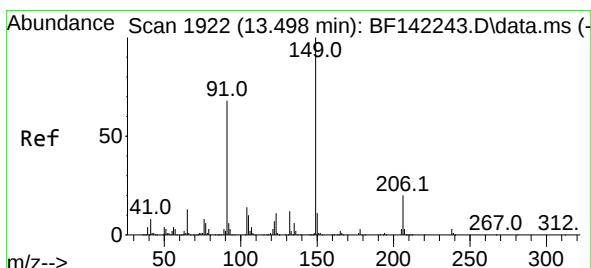
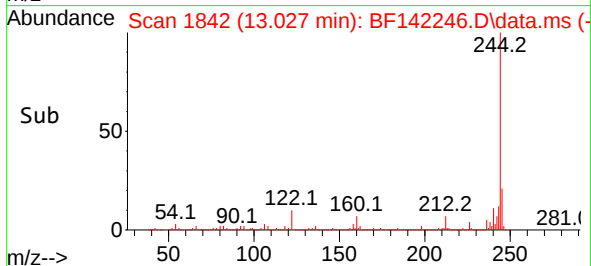
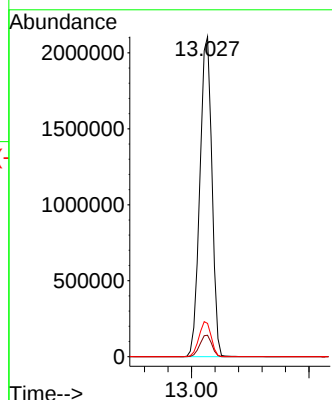
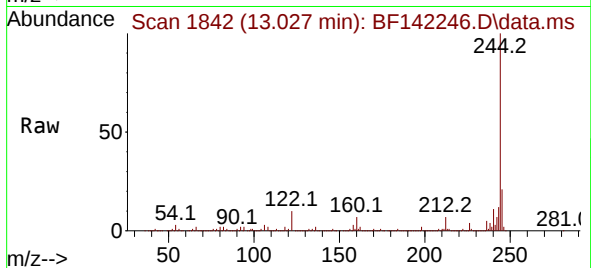
Tgt Ion:244 Resp: 2993632

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.4 9.1 13.7



#80

Butylbenzylphthalate

Concen: 78.197 ng

RT: 13.498 min Scan# 1922

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

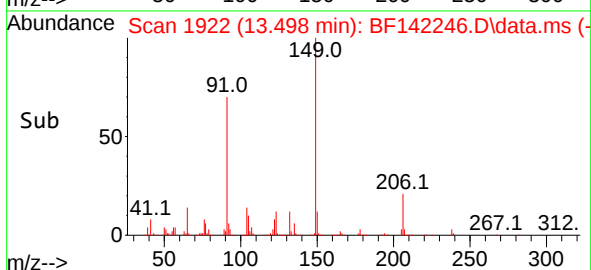
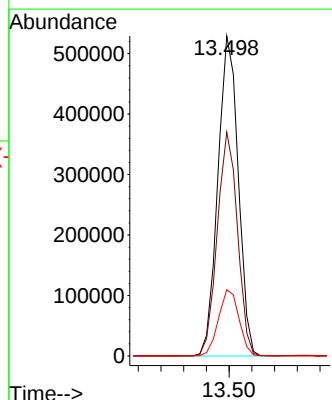
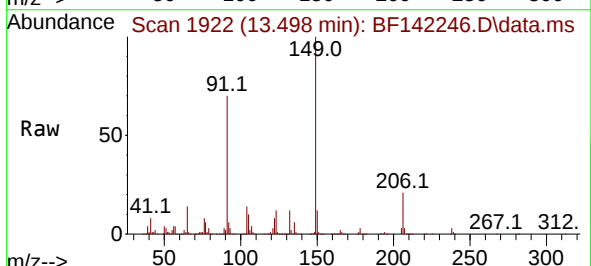
Tgt Ion:149 Resp: 659574

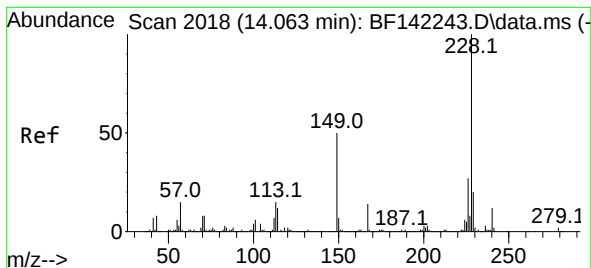
Ion Ratio Lower Upper

149 100

91 70.0 54.4 81.6

206 20.7 15.9 23.9





#81

Benzo(a)anthracene

Concen: 72.970 ng

RT: 14.068 min Scan# 2018

Delta R.T. 0.006 min

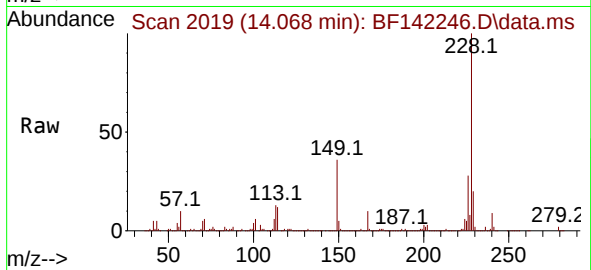
Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :



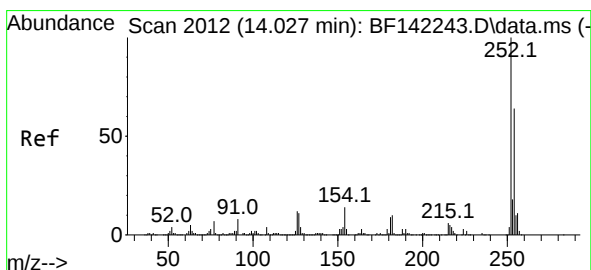
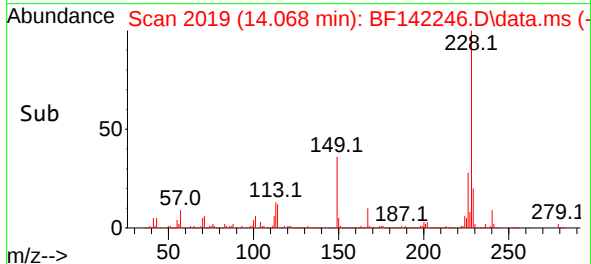
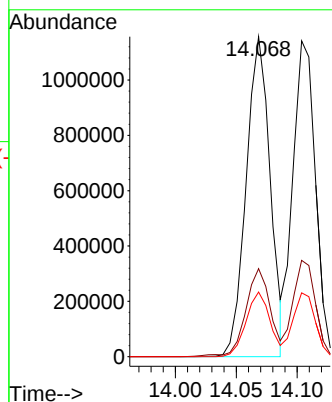
Tgt Ion:228 Resp: 1586778

Ion Ratio Lower Upper

228 100

226 27.5 21.9 32.9

229 20.2 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 88.259 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

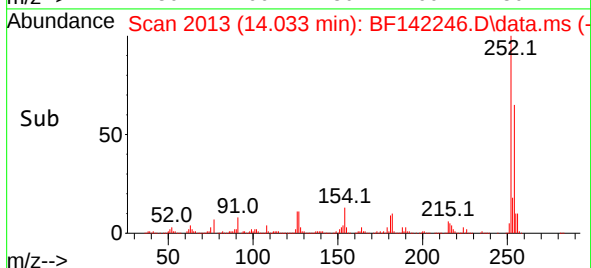
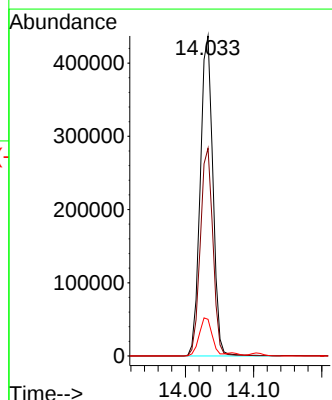
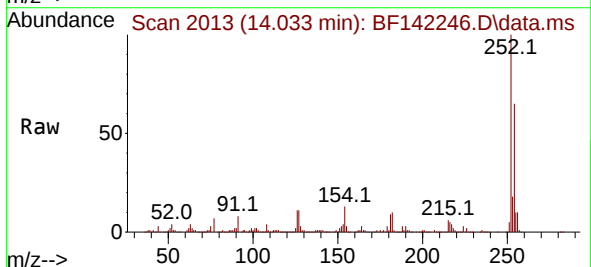
Tgt Ion:252 Resp: 563738

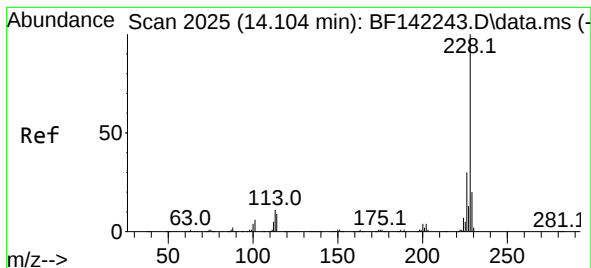
Ion Ratio Lower Upper

252 100

254 64.9 51.0 76.6

126 11.5 9.4 14.2





#83

Chrysene

Concen: 74.470 ng

RT: 14.104 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

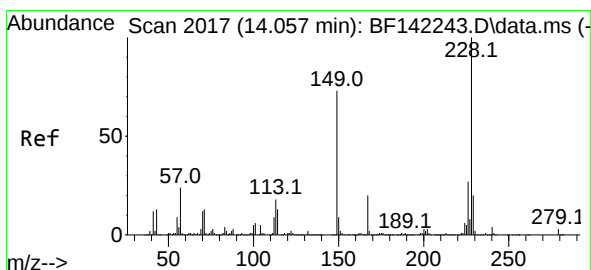
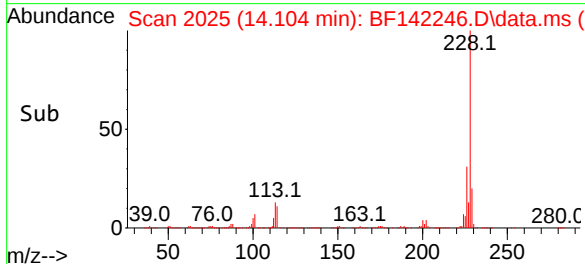
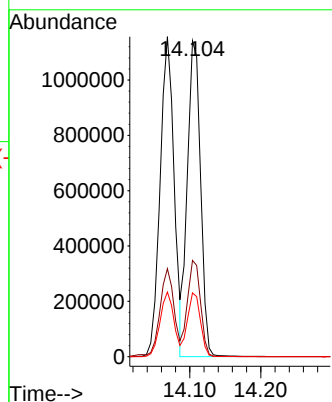
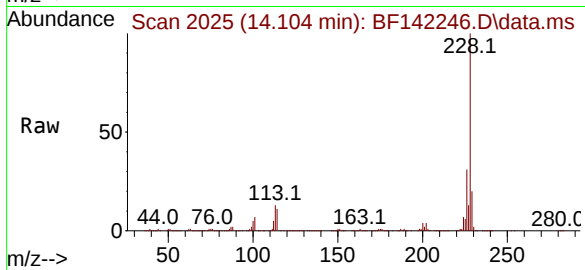
Tgt Ion:228 Resp: 1474094

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 78.547 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

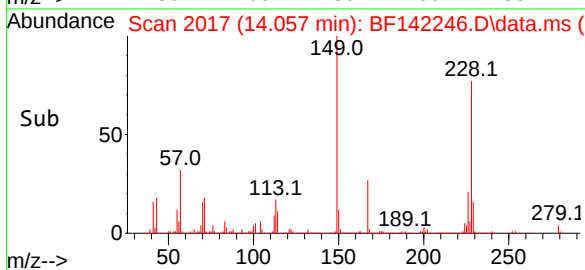
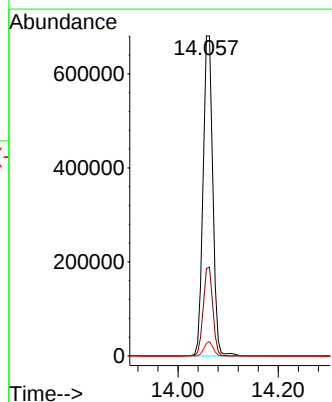
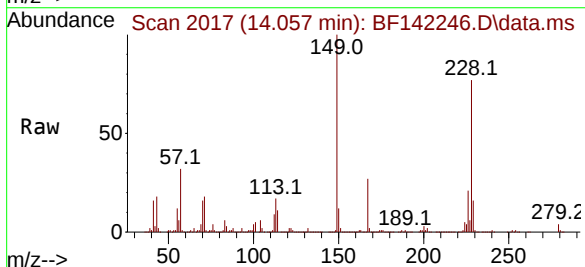
Tgt Ion:149 Resp: 915684

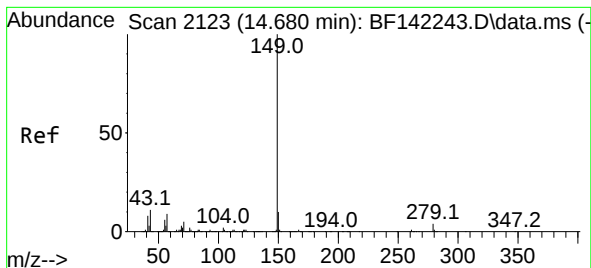
Ion Ratio Lower Upper

149 100

167 27.3 21.7 32.5

279 3.9 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 78.594 ng

RT: 14.680 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

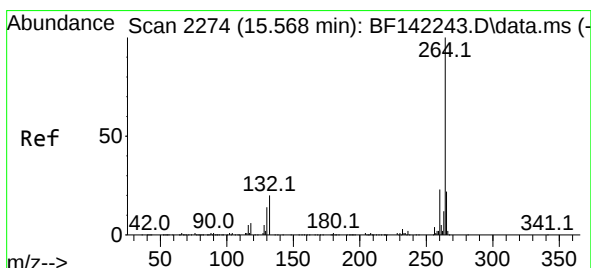
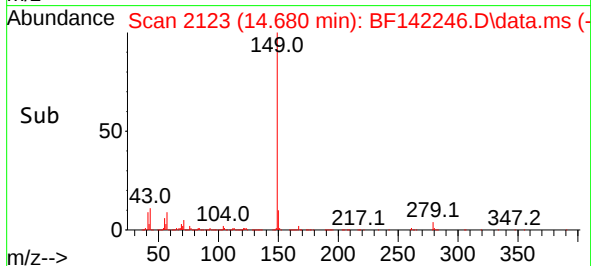
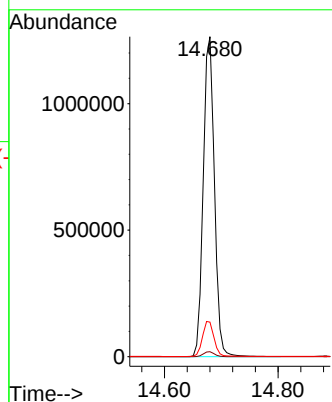
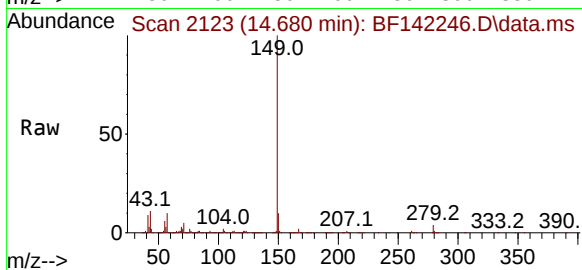
Tgt Ion:149 Resp: 1722215

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.4 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: BF142246.D

Acq: 30 Apr 2025 14:43

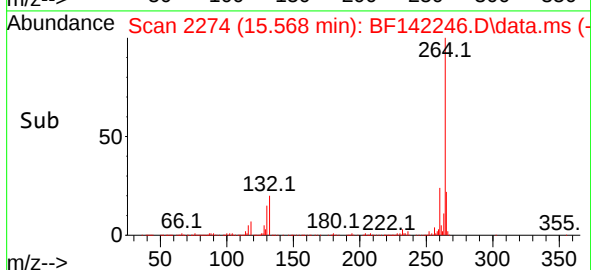
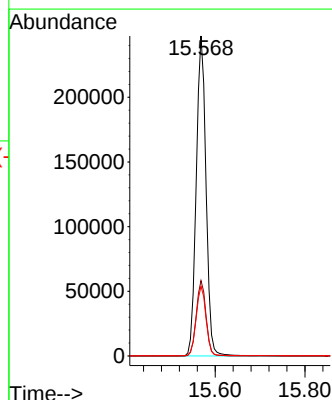
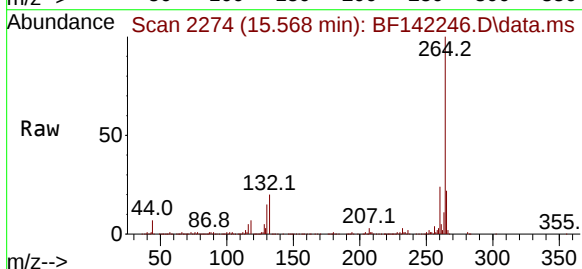
Tgt Ion:264 Resp: 374102

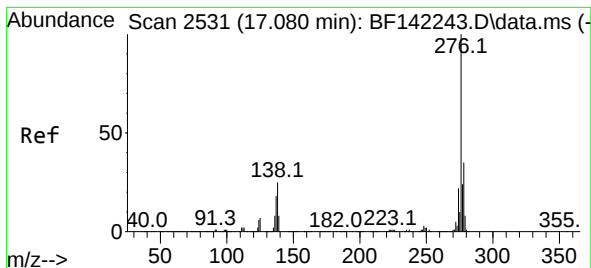
Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 77.677 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

Instrument :

BNA_F

ClientSampleId :

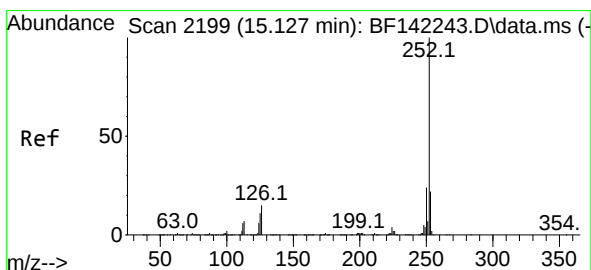
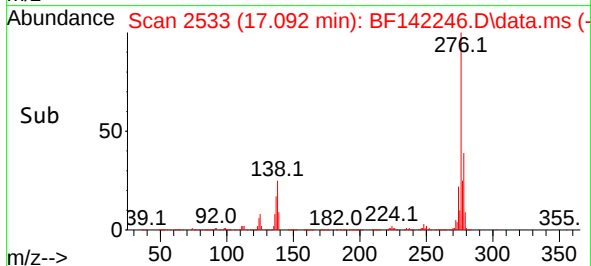
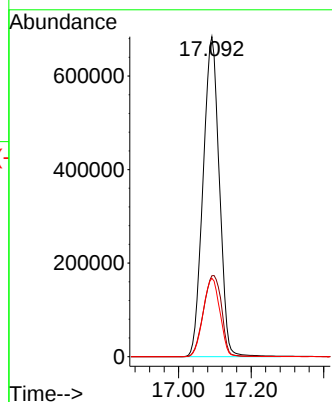
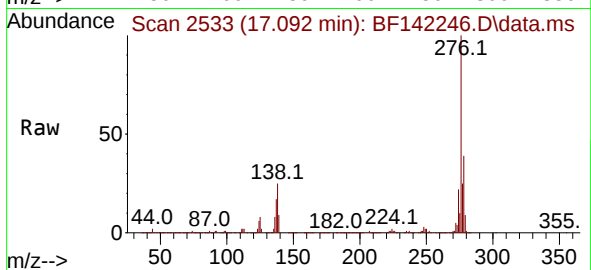
Tgt Ion:276 Resp: 2128475

Ion Ratio Lower Upper

276 100

138 28.4 22.6 33.8

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 77.378 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF142246.D

Acq: 30 Apr 2025 14:43

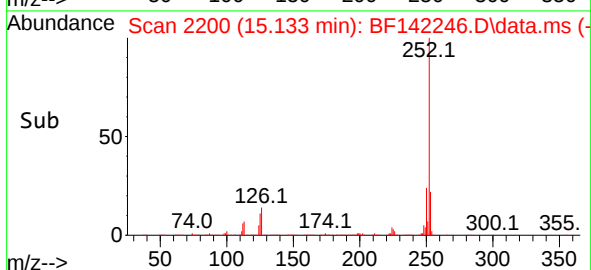
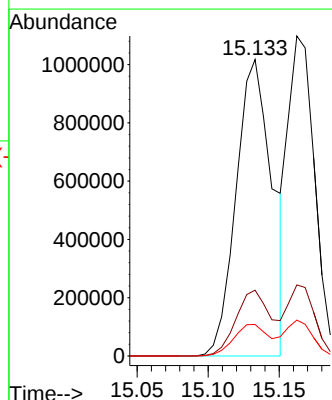
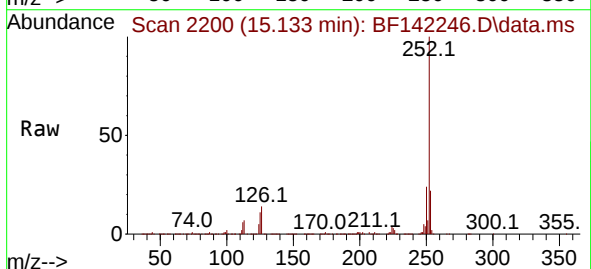
Tgt Ion:252 Resp: 1798083

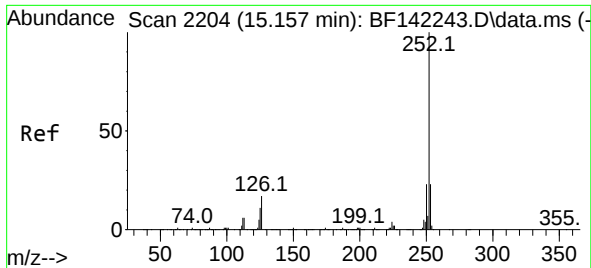
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 10.6 9.0 13.4

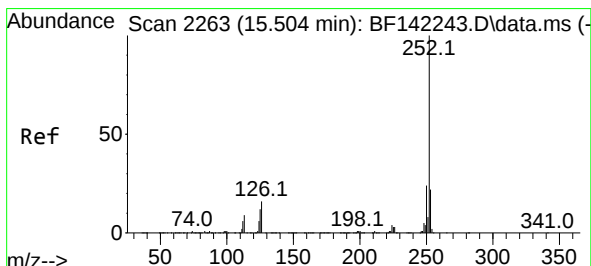
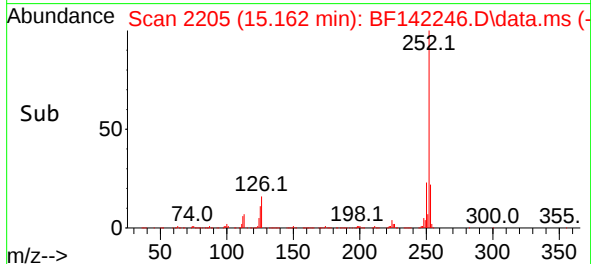
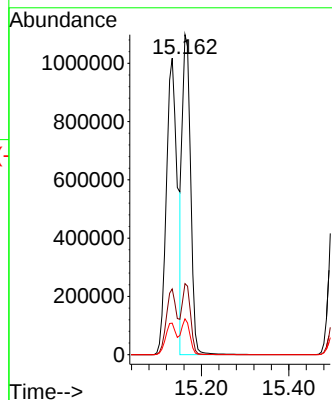
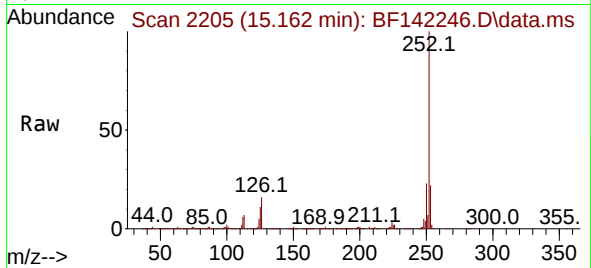




#89
Benzo(k)fluoranthene
Concen: 67.716 ng
RT: 15.162 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

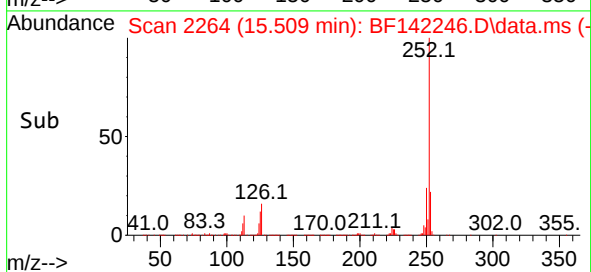
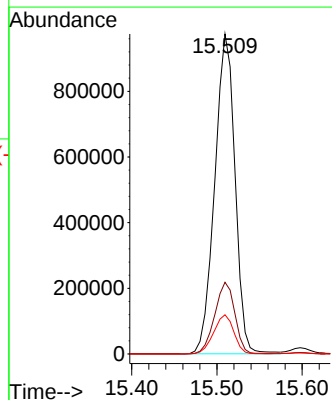
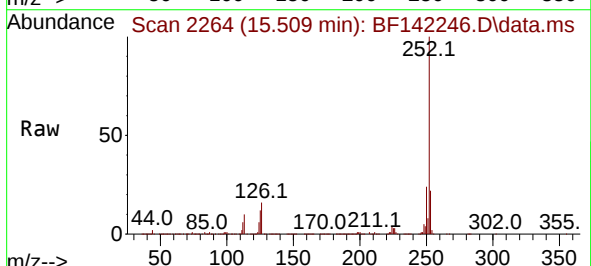
Instrument :
BNA_F
ClientSampleId :

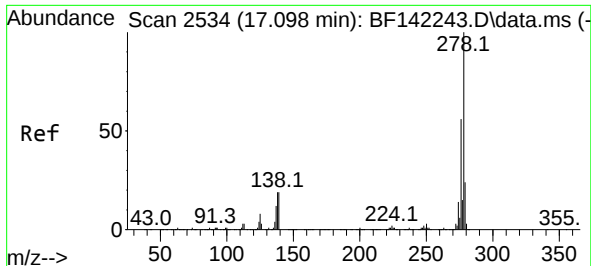
Tgt Ion:252 Resp: 1439304
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.2 9.0 13.6



#90
Benzo(a)pyrene
Concen: 75.685 ng
RT: 15.509 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:252 Resp: 1610193
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 12.2 9.5 14.3

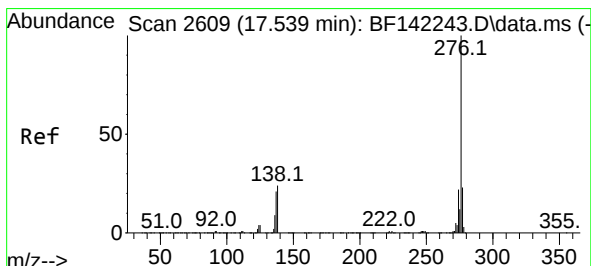
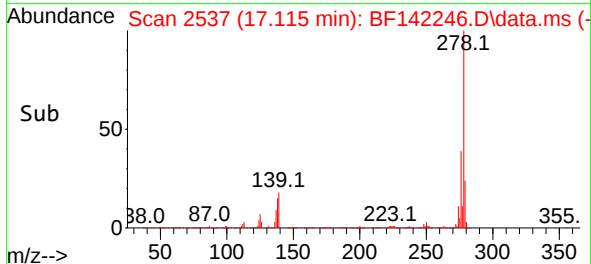
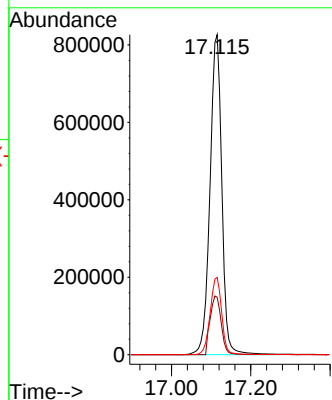
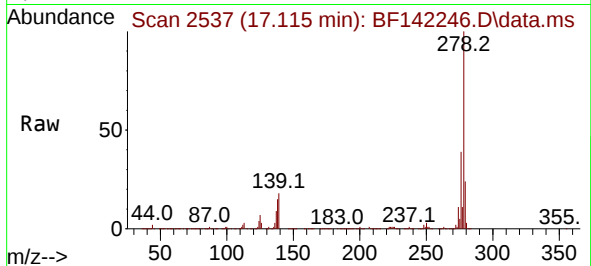




#91
Dibenzo(a,h)anthracene
Concen: 76.989 ng
RT: 17.115 min Scan# 21
Delta R.T. 0.017 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1712182
Ion Ratio Lower Upper
278 100
139 17.9 15.2 22.8
279 24.1 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 77.757 ng
RT: 17.551 min Scan# 2611
Delta R.T. 0.012 min
Lab File: BF142246.D
Acq: 30 Apr 2025 14:43

Tgt Ion:276 Resp: 1738450
Ion Ratio Lower Upper
276 100
277 23.9 18.7 28.1
138 25.1 19.4 29.0

