

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042125\
 Data File : BF142206.D
 Acq On : 21 Apr 2025 14:30
 Operator : RC/JU
 Sample : SSTDIC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 22 02:04:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	626268	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	2192176	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	1205298	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	1905521	20.000	ng	0.00
76) Chrysene-d12	14.033	240	1232558	20.000	ng	0.00
86) Perylene-d12	15.504	264	1521000	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	4811541	144.042	ng	0.00
7) Phenol-d6	6.504	99	5967824	142.657	ng	0.01
23) Nitrobenzene-d5	7.440	82	5201313	149.010	ng	0.01
42) 2,4,6-Tribromophenol	10.698	330	2607461	158.224	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	8518375	115.194	ng	0.00
79) Terphenyl-d14	12.974	244	8054228	109.474	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	1010355	74.515	ng	98
3) Pyridine	3.381	79	2219551	75.418	ng	100
4) n-Nitrosodimethylamine	3.352	42	929684	77.799	ng	# 93
6) Aniline	6.534	93	2679741	69.374	ng	# 85
8) 2-Chlorophenol	6.657	128	2749885	71.918	ng	98
9) Benzaldehyde	6.422	77	1337713	58.243	ng	99
10) Phenol	6.516	94	3153759	71.475	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	2504005	75.253	ng	97
12) 1,3-Dichlorobenzene	6.810	146	3066791	70.780	ng	98
13) 1,4-Dichlorobenzene	6.887	146	3108180	69.943	ng	99
14) 1,2-Dichlorobenzene	7.040	146	2861632	69.219	ng	98
15) Benzyl Alcohol	7.010	79	2255290	73.939	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	2292644	71.084	ng	97
17) 2-Methylphenol	7.122	107	2227121	77.391	ng	99
18) Hexachloroethane	7.381	117	1106539	73.297	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	1694554	71.633	ng	97
20) 3+4-Methylphenols	7.281	107	2466965	68.928	ng	94
22) Acetophenone	7.281	105	3469345	72.100	ng	# 95
24) Nitrobenzene	7.457	77	2609835	75.470	ng	97
25) Isophorone	7.692	82	4527162	77.265	ng	99
26) 2-Nitrophenol	7.769	139	1568490	86.288	ng	99
27) 2,4-Dimethylphenol	7.804	122	1883854	79.706	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	2883449	74.982	ng	99
29) 2,4-Dichlorophenol	8.010	162	2494071	77.588	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	2786092	74.116	ng	99
31) Naphthalene	8.175	128	6585676	63.596	ng	# 93
32) Benzoic acid	7.957	122	1869957	80.210	ng	99
33) 4-Chloroaniline	8.228	127	2879228	76.787	ng	99
34) Hexachlorobutadiene	8.287	225	1883512	75.925	ng	99
35) Caprolactam	8.610	113	693788	80.907	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	2510357	77.580	ng	98
37) 2-Methylnaphthalene	8.863	142	4881347	68.205	ng	99
38) 1-Methylnaphthalene	8.963	142	4766389	68.785	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	2944962	74.675	ng	99
41) Hexachlorocyclopentadiene	9.010	237	1116208	92.301	ng	100
43) 2,4,6-Trichlorophenol	9.139	196	1872804	81.340	ng	99

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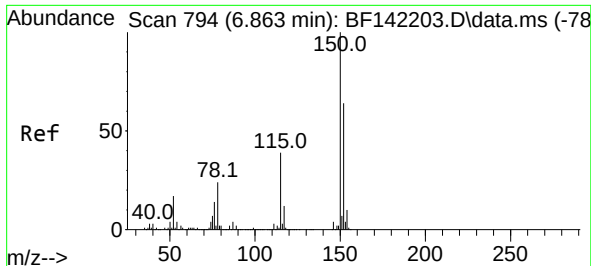
Quant Time: Apr 22 02:04:36 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 22 01:58:17 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	2032523	82.357	ng	99
46) 1,1'-Biphenyl	9.328	154	5733908	66.342	ng	93
47) 2-Chloronaphthalene	9.351	162	4689307	69.899	ng	94
48) 2-Nitroaniline	9.451	65	1246853	79.289	ng	98
49) Acenaphthylene	9.769	152	6311627	66.561	ng	93
50) Dimethylphthalate	9.633	163	5671409	73.388	ng	98
51) 2,6-Dinitrotoluene	9.692	165	1349897	77.803	ng	99
52) Acenaphthene	9.939	154	4925202	72.077	ng	97
53) 3-Nitroaniline	9.863	138	1320524	79.432	ng	97
54) 2,4-Dinitrophenol	9.969	184	768668	90.455	ng	97
55) Dibenzofuran	10.110	168	6183046	64.543	ng	91
56) 4-Nitrophenol	10.022	139	988778	81.309	ng	97
57) 2,4-Dinitrotoluene	10.098	165	1712013	76.397	ng	98
58) Fluorene	10.457	166	4986748	67.293	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	1777715	80.571	ng	98
60) Diethylphthalate	10.328	149	4994993	69.219	ng	95
61) 4-Chlorophenyl-phenyle...	10.445	204	2930042	71.809	ng	99
62) 4-Nitroaniline	10.480	138	1184269	74.946	ng	99
63) Azobenzene	10.604	77	4294353	68.342	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	995551	89.504	ng	98
66) n-Nitrosodiphenylamine	10.569	169	4382839	75.047	ng	97
67) 4-Bromophenyl-phenylether	10.933	248	2027719	80.915	ng	99
68) Hexachlorobenzene	11.004	284	2336851	78.360	ng	98
69) Atrazine	11.086	200	486945	34.167	ng	98
70) Pentachlorophenol	11.192	266	1410593	92.720	ng	99
71) Phenanthrene	11.416	178	6262872	66.185	ng	93
72) Anthracene	11.469	178	6329668	66.899	ng	92
73) Carbazole	11.622	167	5597174	67.714	ng	95
74) Di-n-butylphthalate	11.951	149	5789320	67.669	ng	96
75) Fluoranthene	12.604	202	6209391	63.129	ng	94
77) Benzidine	12.727	184	1199999	75.444	ng	99
78) Pyrene	12.833	202	6189539	63.228	ng	94
80) Butylbenzylphthalate	13.445	149	2163691	91.317	ng	98
81) Benzo(a)anthracene	14.021	228	5515775	73.885	ng	95
82) 3,3'-Dichlorobenzidine	13.986	252	1900009	85.468	ng	99
83) Chrysene	14.063	228	5299728	73.681	ng	94
84) Bis(2-ethylhexyl)phtha...	14.004	149	3064585	96.680	ng	98
85) Di-n-octyl phthalate	14.621	149	5211413	92.825	ng	99
87) Indeno(1,2,3-cd)pyrene	17.004	276	8464335	79.317	ng	99
88) Benzo(b)fluoranthene	15.074	252	6876106	80.580	ng	96
89) Benzo(k)fluoranthene	15.104	252	5611620	66.492	ng	96
90) Benzo(a)pyrene	15.445	252	5882159	77.024	ng	98
91) Dibenzo(a,h)anthracene	17.021	278	6823194	78.381	ng	99
92) Benzo(g,h,i)perylene	17.457	276	7164373	79.016	ng	99

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

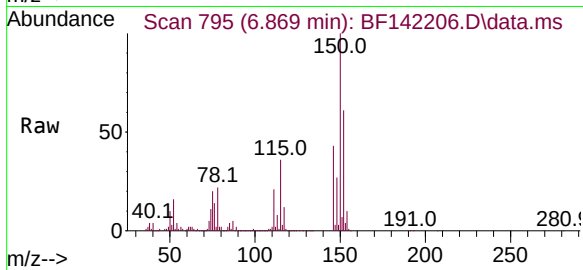
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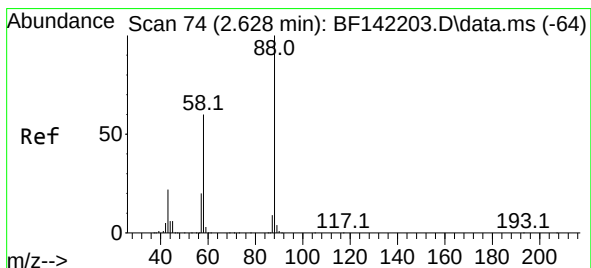
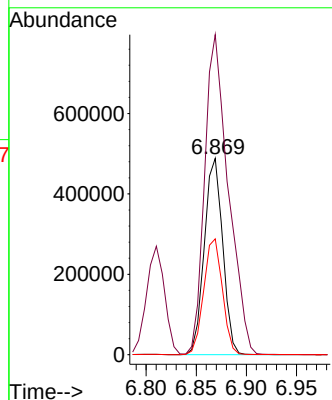
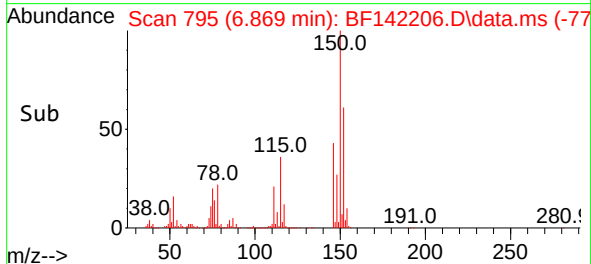


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 794
 Delta R.T. 0.006 min
 Lab File: BF142206.D
 Acq: 21 Apr 2025 14:30

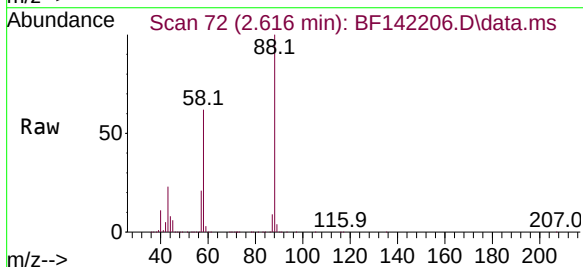
Instrument :
 BNA_F
 ClientSampleId :



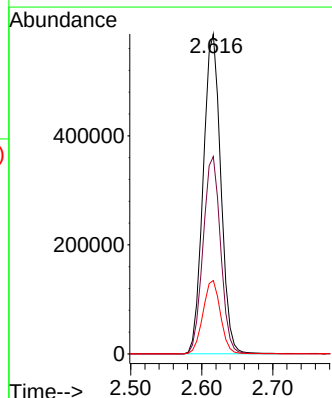
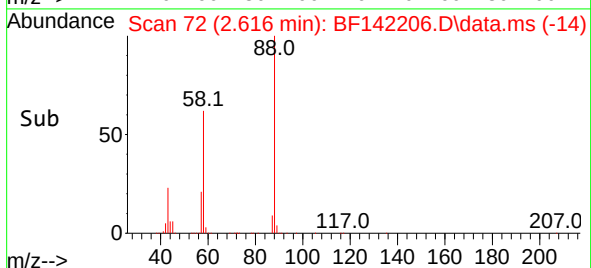
Tgt Ion:152 Resp: 626268
 Ion Ratio Lower Upper
 152 100
 150 163.0 126.4 189.6
 115 59.0 49.4 74.2

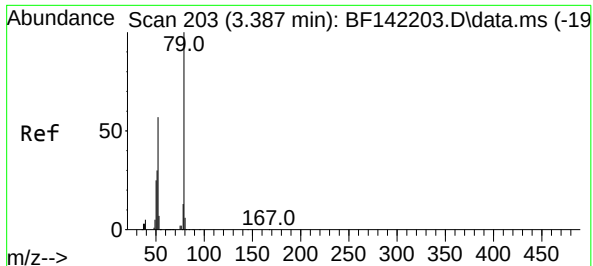


#2
 1,4-Dioxane
 Concen: 74.515 ng
 RT: 2.616 min Scan# 72
 Delta R.T. -0.012 min
 Lab File: BF142206.D
 Acq: 21 Apr 2025 14:30



Tgt Ion: 88 Resp: 1010355
 Ion Ratio Lower Upper
 88 100
 58 61.8 47.8 71.6
 43 22.8 17.8 26.8

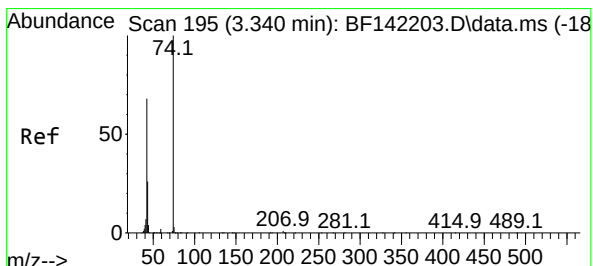
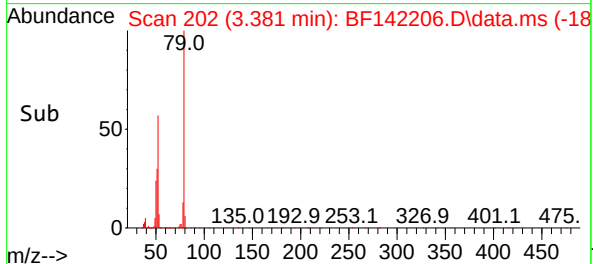
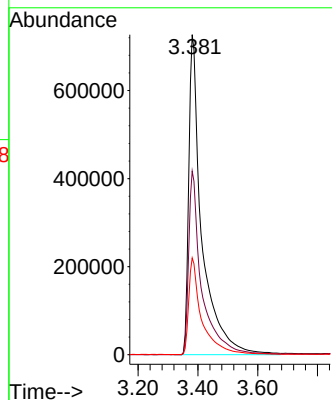
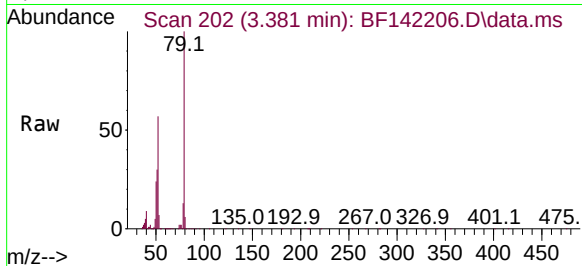




#3
Pyridine
Concen: 75.418 ng
RT: 3.381 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

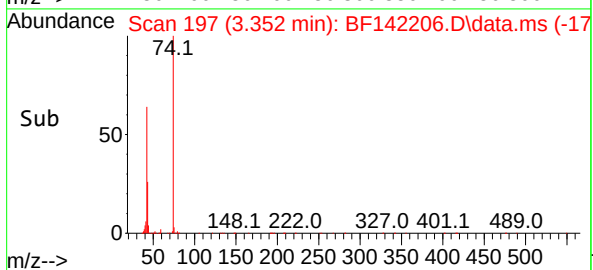
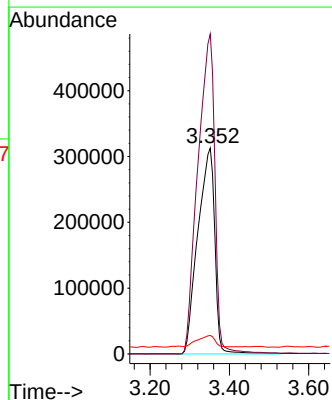
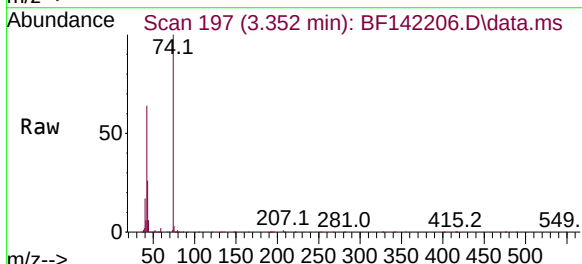
Instrument :
BNA_F
ClientSampleId :

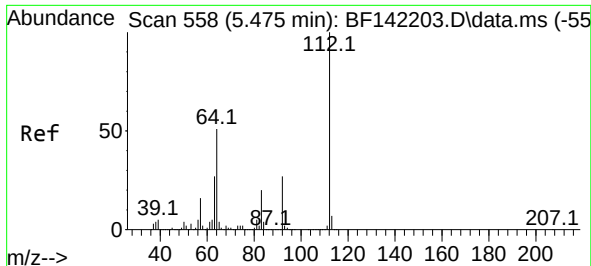
Tgt Ion: 79 Resp: 2219551
Ion Ratio Lower Upper
79 100
52 57.4 45.8 68.8
51 30.2 23.8 35.6



#4
n-Nitrosodimethylamine
Concen: 77.799 ng
RT: 3.352 min Scan# 197
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 42 Resp: 929684
Ion Ratio Lower Upper
42 100
74 155.4 117.4 176.0
44 9.0 9.5 14.3#

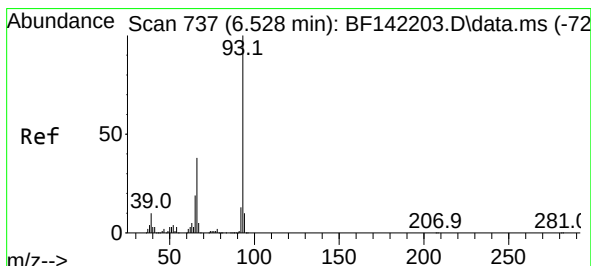
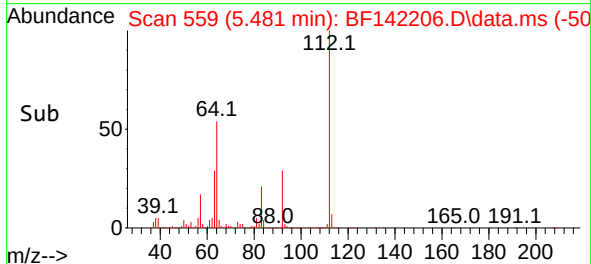
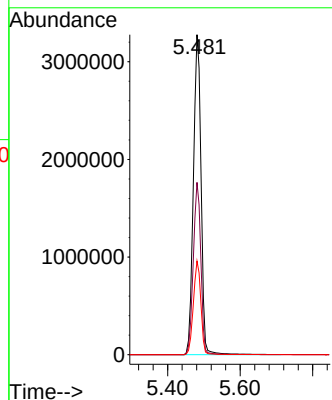
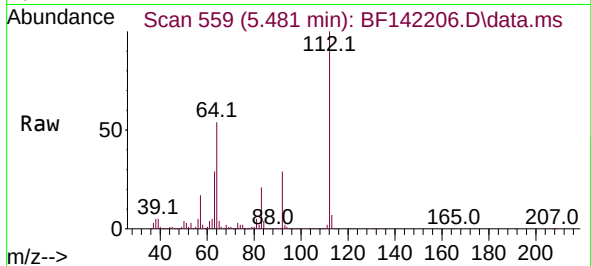




#5
2-Fluorophenol
Concen: 144.042 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

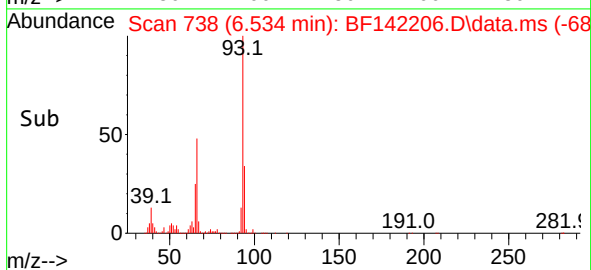
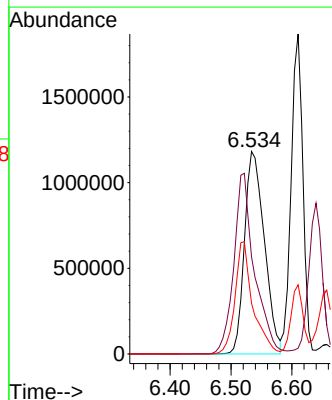
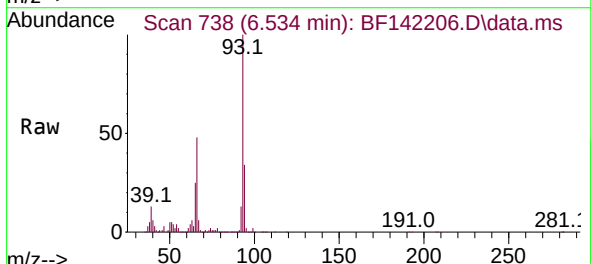
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BNA_F
ClientSampleId :

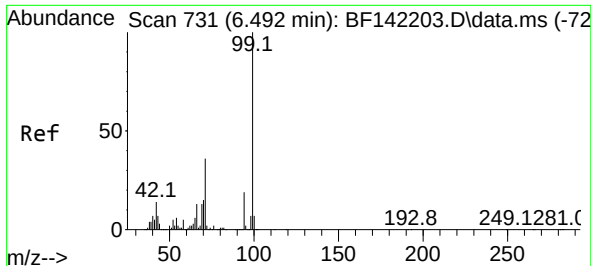
Tgt Ion:112 Resp: 4811541
Ion Ratio Lower Upper
112 100
64 53.9 40.9 61.3
63 29.3 22.0 33.0



#6
Aniline
Concen: 69.374 ng
RT: 6.534 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 93 Resp: 2679741
Ion Ratio Lower Upper
93 100
66 47.9 30.9 46.3#
65 25.0 15.1 22.7#

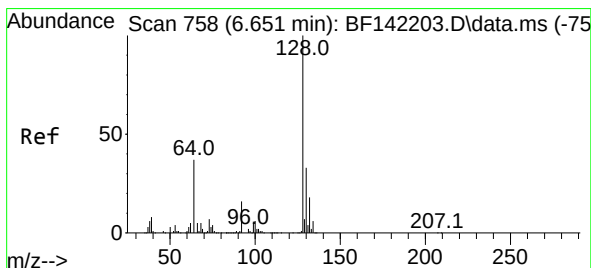
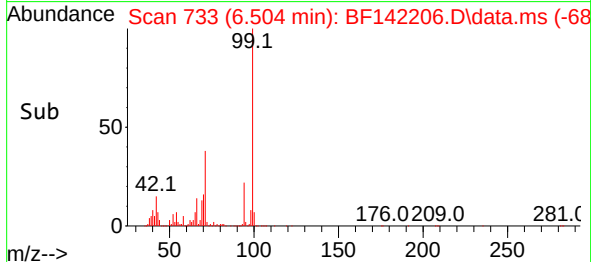
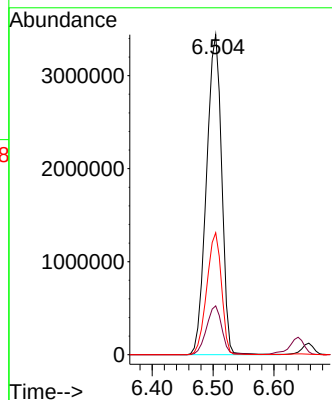
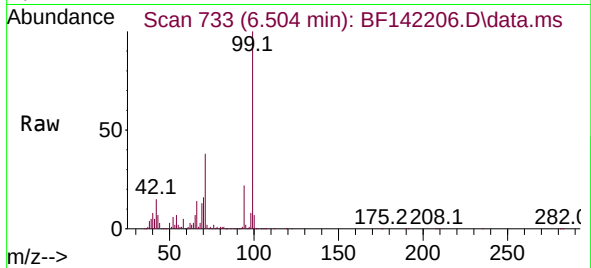




#7
Phenol-d6
Concen: 142.657 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

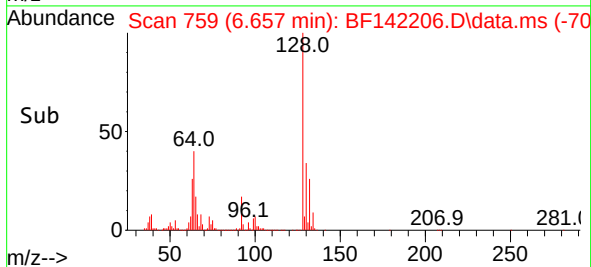
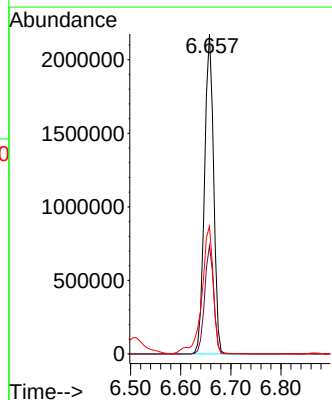
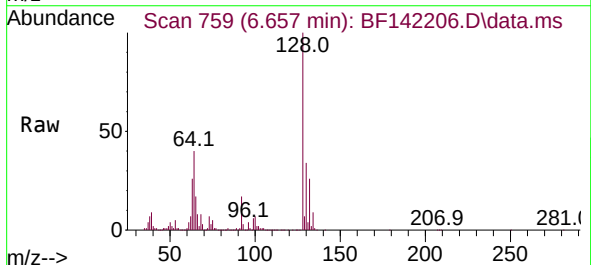
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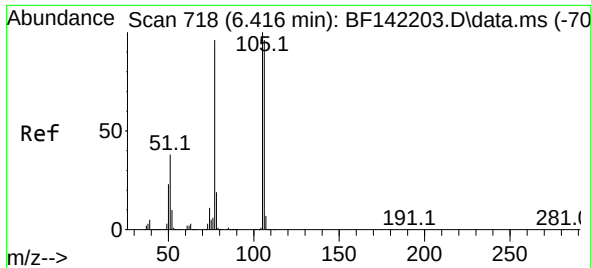
Tgt Ion: 99 Resp: 5967824
Ion Ratio Lower Upper
99 100
42 15.2 11.5 17.3
71 38.1 28.6 42.8



#8
2-Chlorophenol
Concen: 71.918 ng
RT: 6.657 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:128 Resp: 2749885
Ion Ratio Lower Upper
128 100
130 33.9 13.0 53.0
64 39.9 18.8 58.8

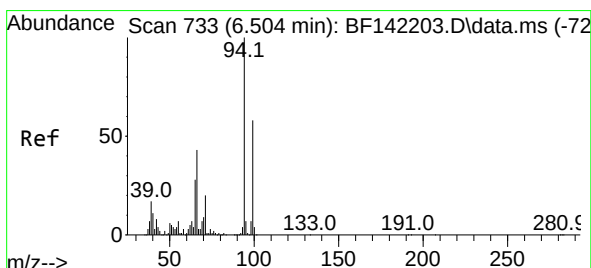
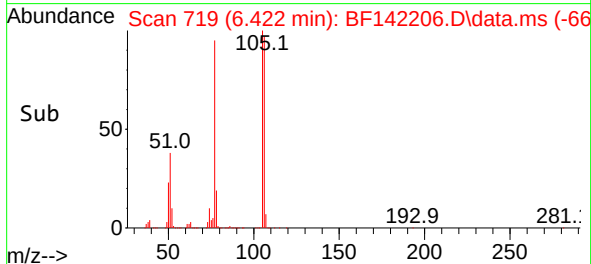
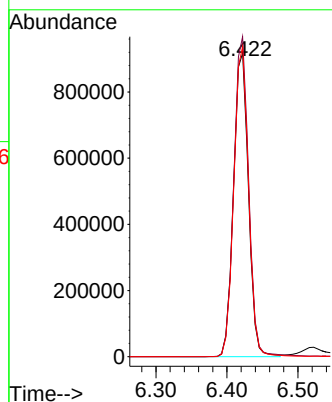
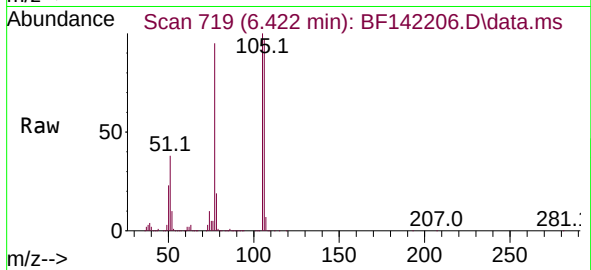




#9
Benzaldehyde
Concen: 58.243 ng
RT: 6.422 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

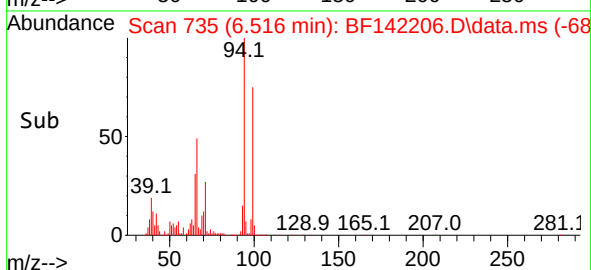
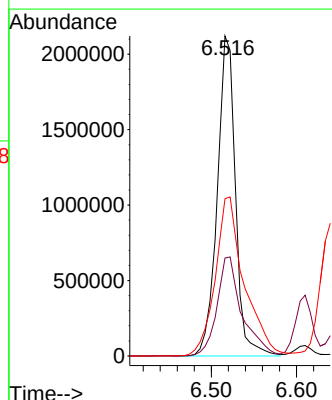
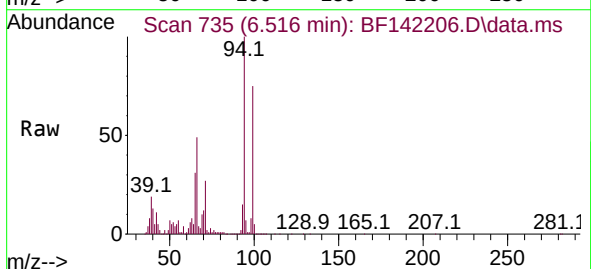
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BNA_F
ClientSampleId :

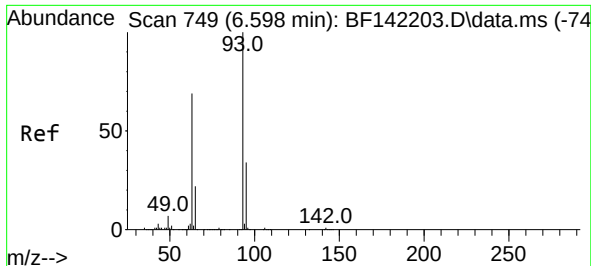
Tgt Ion: 77 Resp: 1337713
Ion Ratio Lower Upper
77 100
105 105.4 84.4 124.4
106 102.1 80.3 120.3



#10
Phenol
Concen: 71.475 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion: 94 Resp: 3153759
Ion Ratio Lower Upper
94 100
65 30.6 8.1 48.1
66 49.2 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 75.253 ng

RT: 6.610 min Scan# 749

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

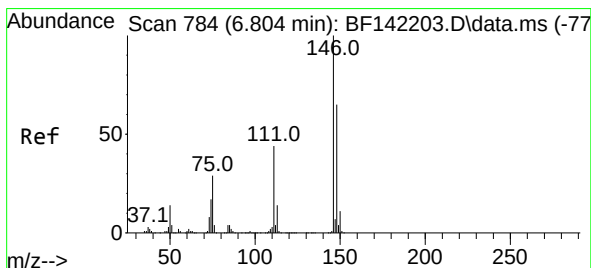
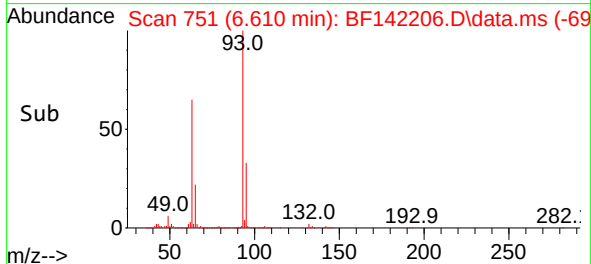
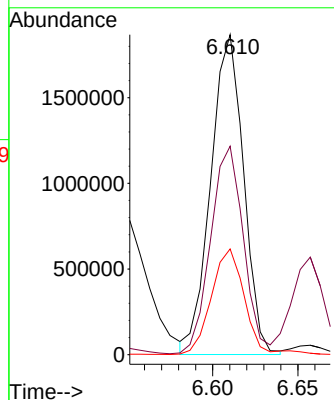
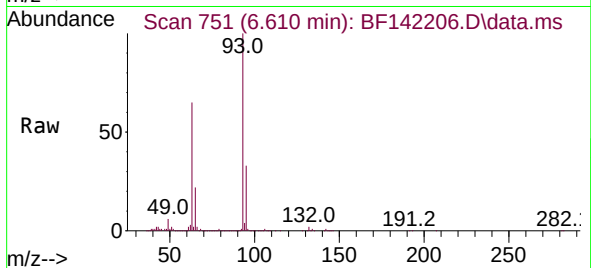
Tgt Ion: 93 Resp: 2504005

Ion Ratio Lower Upper

93 100

63 65.1 47.9 87.9

95 33.1 13.7 53.7



#12

1,3-Dichlorobenzene

Concen: 70.780 ng

RT: 6.810 min Scan# 785

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

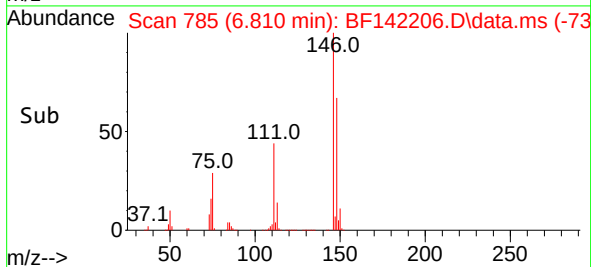
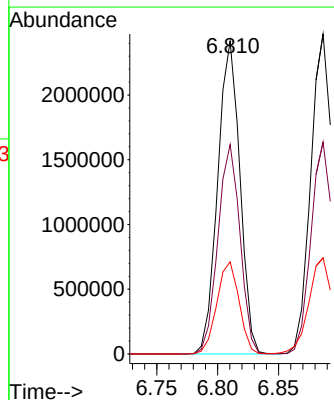
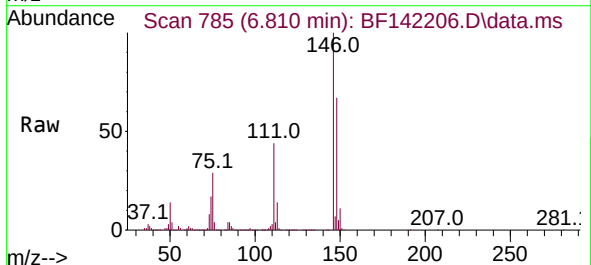
Tgt Ion:146 Resp: 3066791

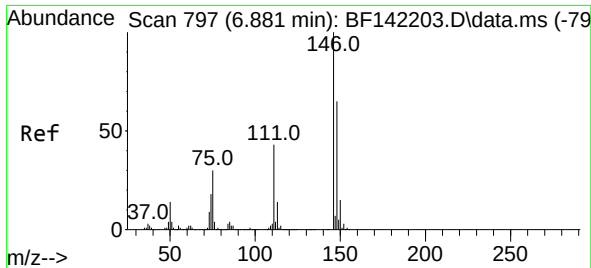
Ion Ratio Lower Upper

146 100

148 66.9 51.7 77.5

75 29.5 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 69.943 ng

RT: 6.887 min Scan# 797

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

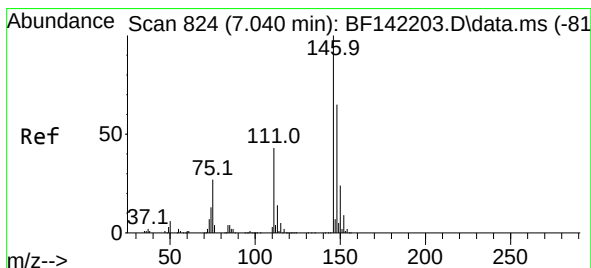
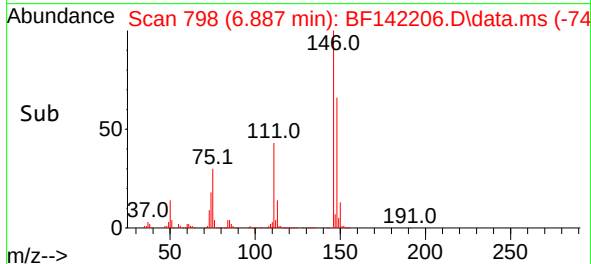
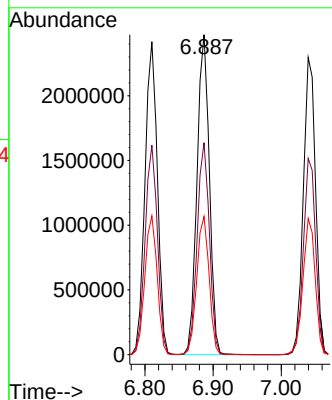
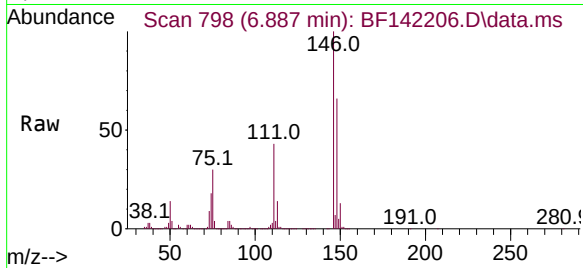
Tgt Ion:146 Resp: 3108180

Ion Ratio Lower Upper

146 100

148 66.3 52.4 78.6

111 43.2 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 69.219 ng

RT: 7.040 min Scan# 824

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

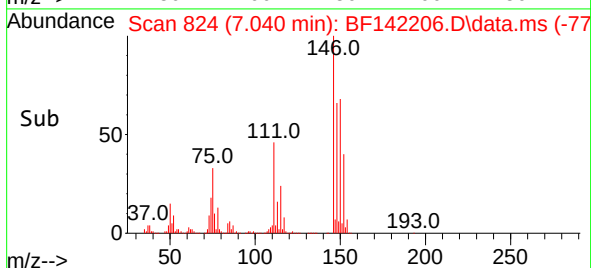
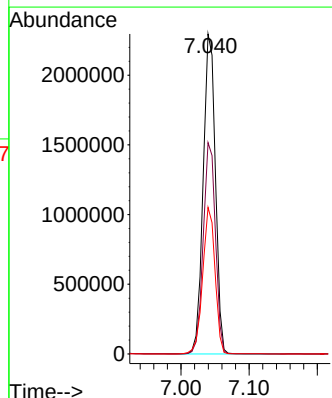
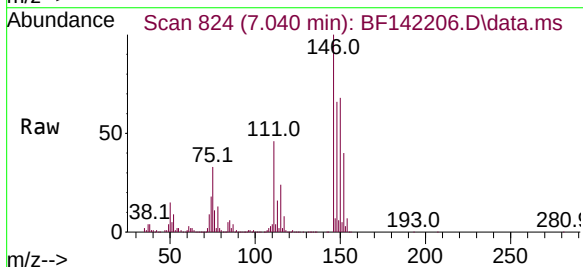
Tgt Ion:146 Resp: 2861632

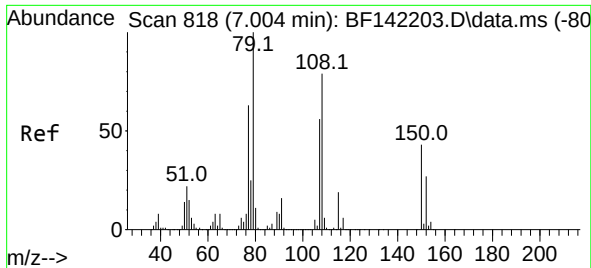
Ion Ratio Lower Upper

146 100

148 66.0 52.2 78.4

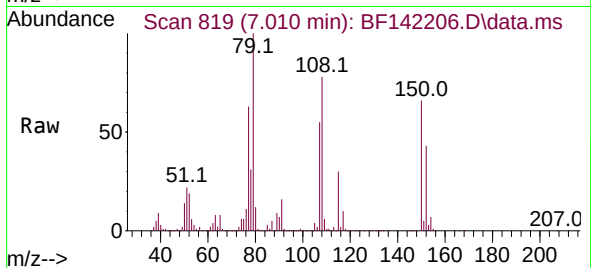
111 45.8 34.2 51.4



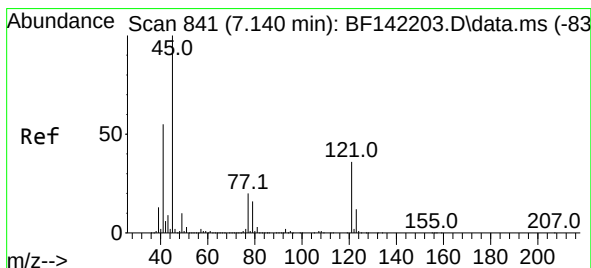
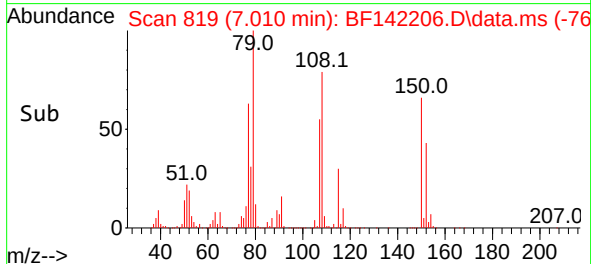
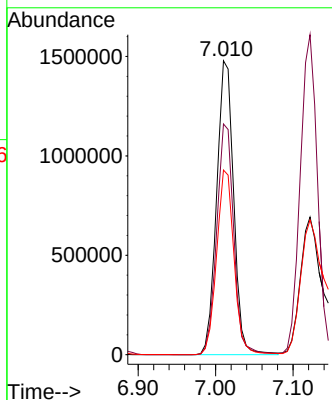


#15
Benzyl Alcohol
Concen: 73.939 ng
RT: 7.010 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :

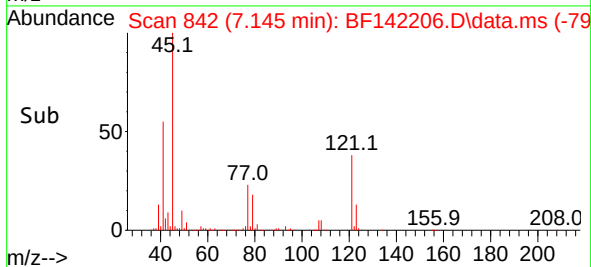
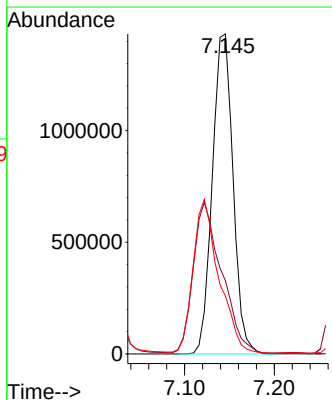
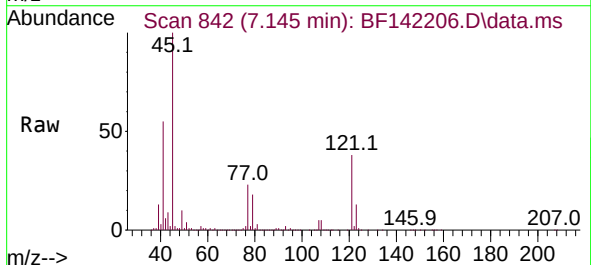


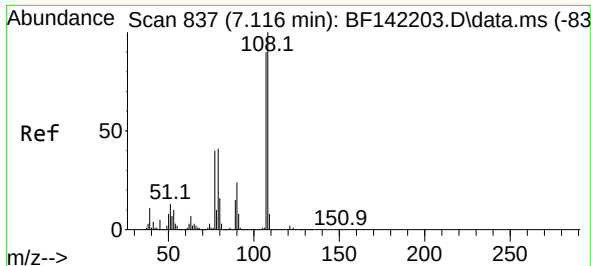
Tgt Ion: 79 Resp: 2255290
Ion Ratio Lower Upper
79 100
108 78.5 63.1 94.7
77 62.8 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 71.084 ng
RT: 7.145 min Scan# 842
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

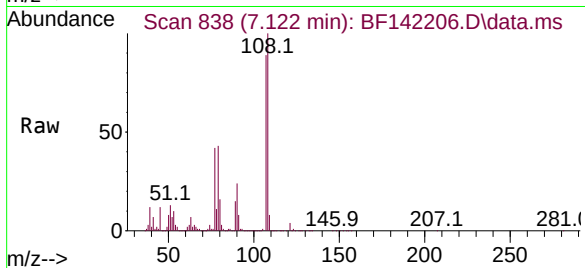
Tgt Ion: 45 Resp: 2292644
Ion Ratio Lower Upper
45 100
77 22.9 1.4 41.4
79 18.1 0.0 36.7





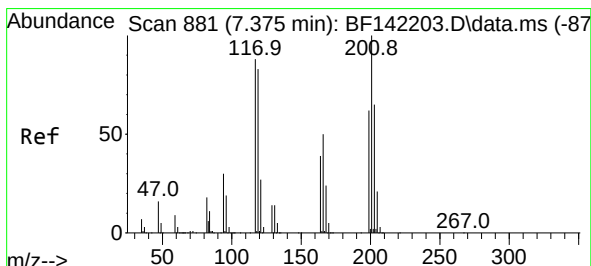
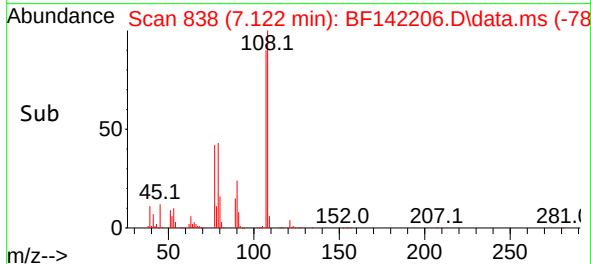
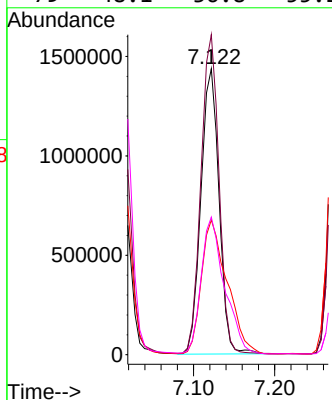
#17
2-Methylphenol
Concen: 77.391 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:107 Resp: 2227121

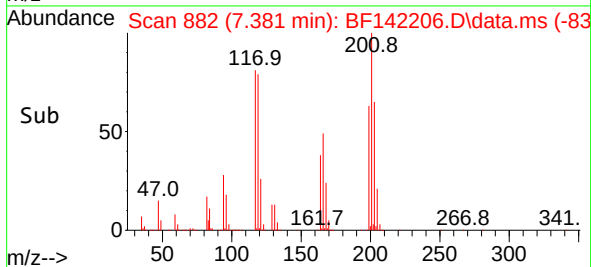
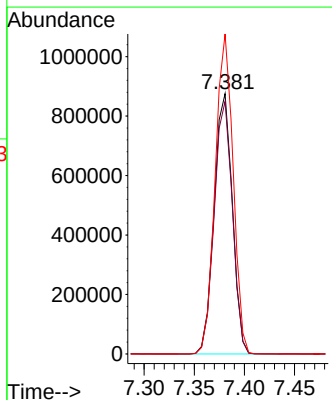
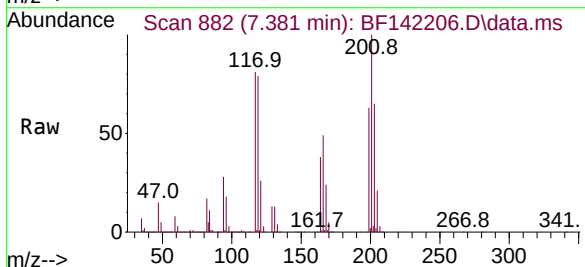
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.4	134.2
77	47.1	36.3	54.5
79	48.1	36.8	55.2

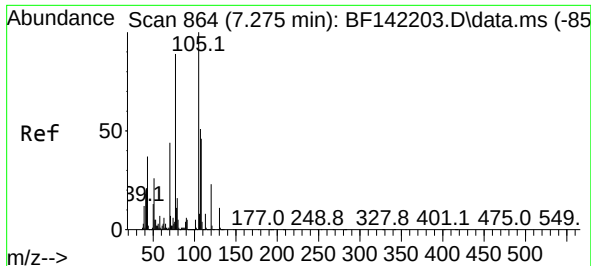


#18
Hexachloroethane
Concen: 73.297 ng
RT: 7.381 min Scan# 882
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:117 Resp: 1106539

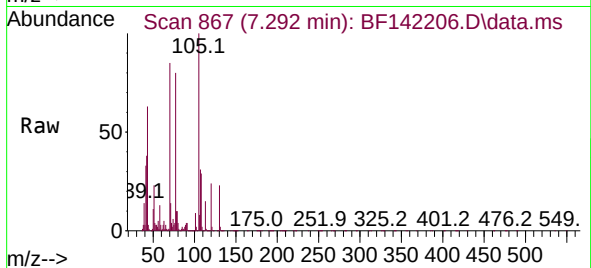
Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	122.9	91.4	137.0



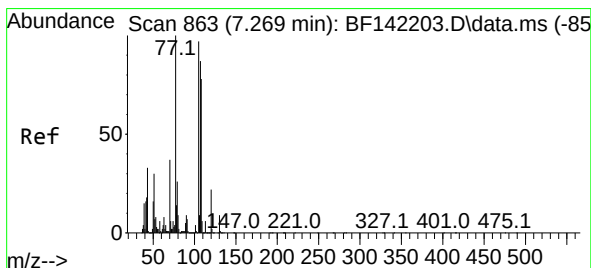
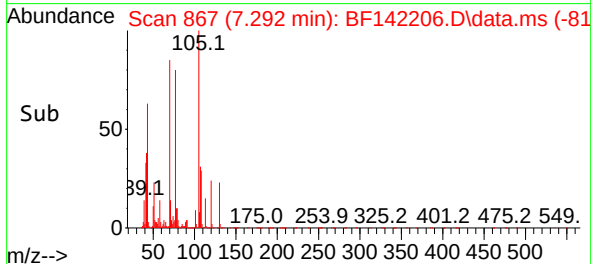
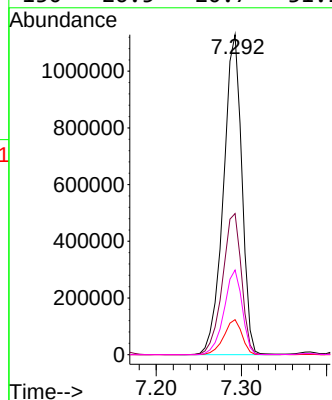


#19
n-Nitroso-di-n-propylamine
Concen: 71.633 ng
RT: 7.292 min Scan# 80
Delta R.T. 0.018 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :

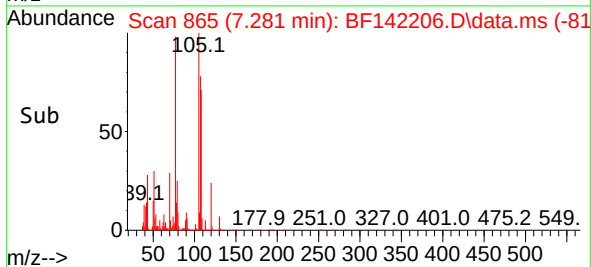
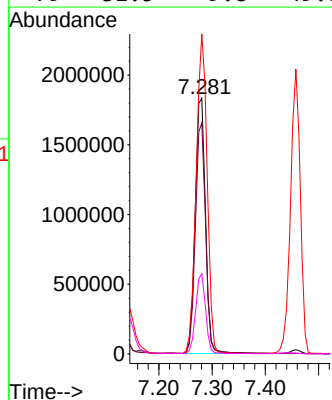
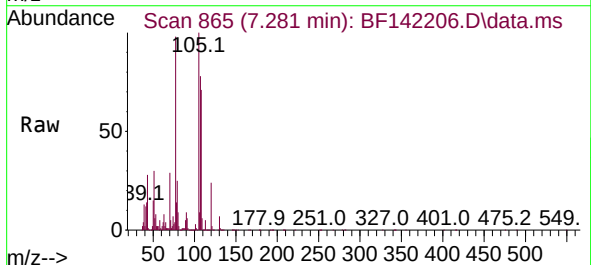


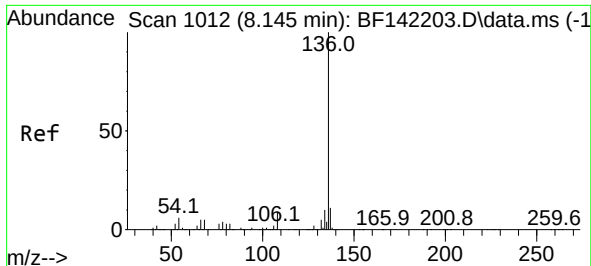
Tgt Ion: 70 Resp: 1694554
Ion Ratio Lower Upper
70 100
42 44.1 37.4 56.0
101 11.0 8.6 13.0
130 26.5 20.7 31.1



#20
3+4-Methylphenols
Concen: 68.928 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

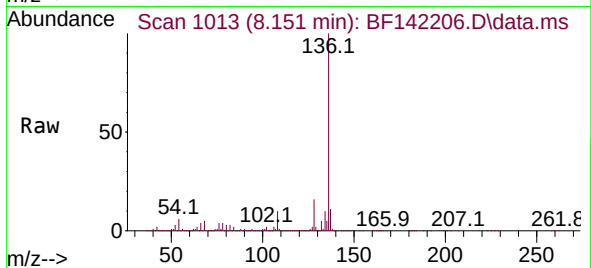
Tgt Ion:107 Resp: 2466965
Ion Ratio Lower Upper
107 100
108 90.4 69.8 109.8
77 125.3 94.5 134.5
79 31.5 9.8 49.8



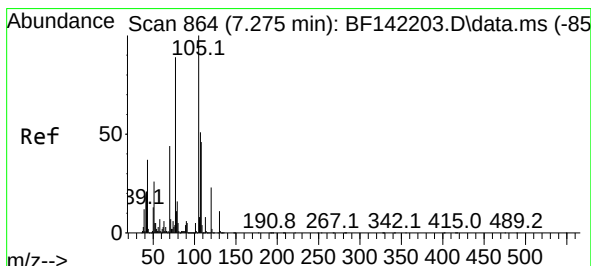
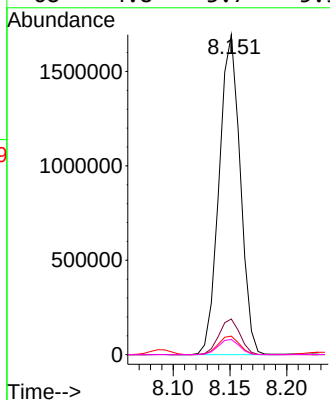
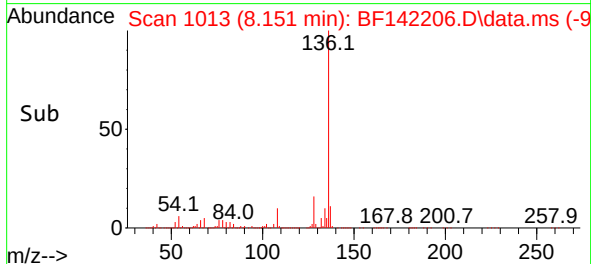


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

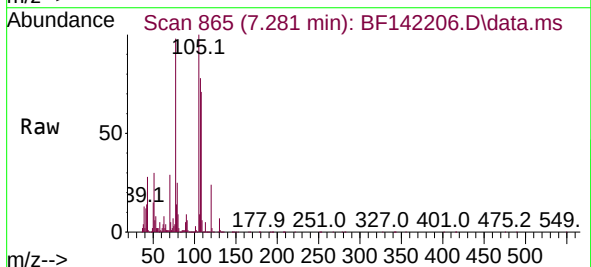
Instrument :
BNA_F
ClientSampleId :



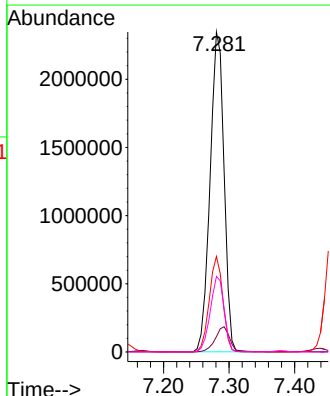
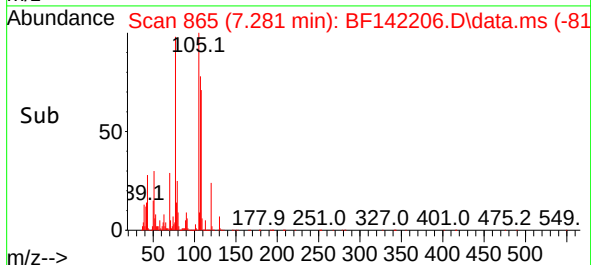
Tgt Ion:136 Resp: 2192176
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 5.8 4.7 7.1
68 4.8 3.7 5.5

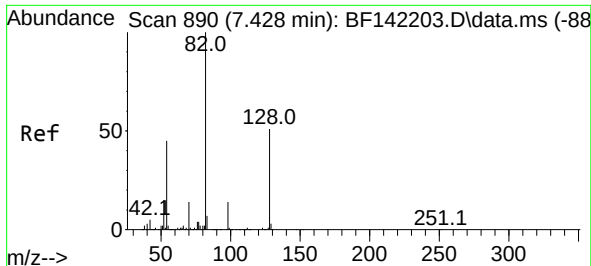


#22
Acetophenone
Concen: 72.100 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30



Tgt Ion:105 Resp: 3469345
Ion Ratio Lower Upper
105 100
71 4.8 5.8 8.8#
51 29.8 20.9 31.3
120 23.6 18.6 27.8





#23

Nitrobenzene-d5

Concen: 149.010 ng

RT: 7.440 min Scan# 890

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

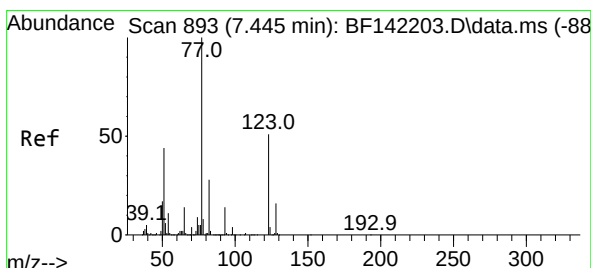
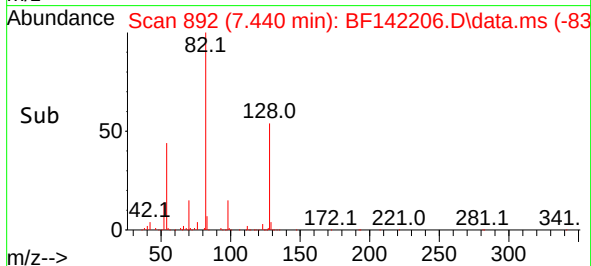
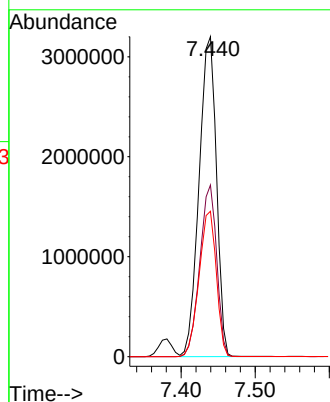
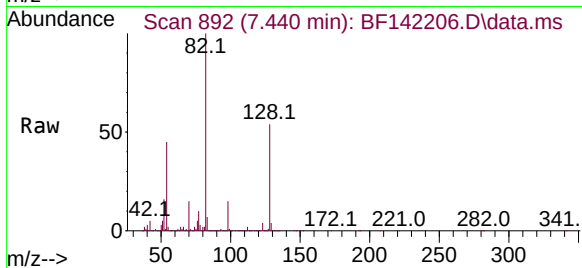
Tgt Ion: 82 Resp: 5201313

Ion Ratio Lower Upper

82 100

128 53.6 40.2 60.2

54 45.4 35.5 53.3



#24

Nitrobenzene

Concen: 75.470 ng

RT: 7.457 min Scan# 895

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

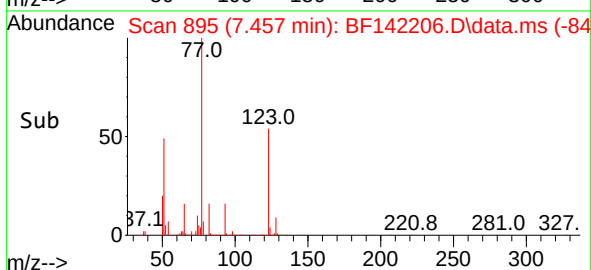
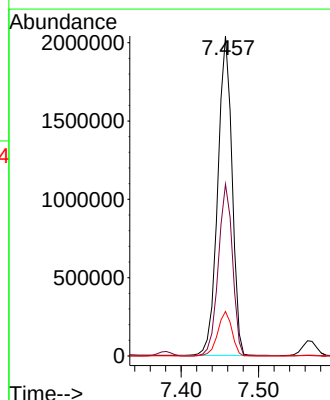
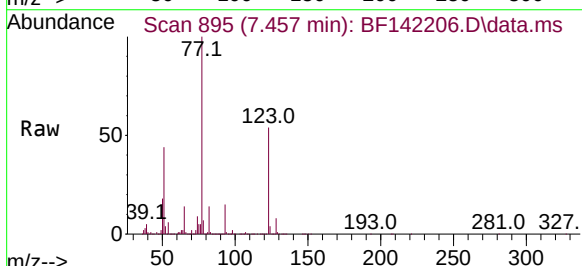
Tgt Ion: 77 Resp: 2609835

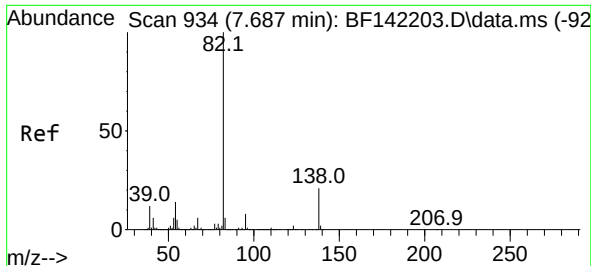
Ion Ratio Lower Upper

77 100

123 53.7 40.7 61.1

65 13.9 10.9 16.3

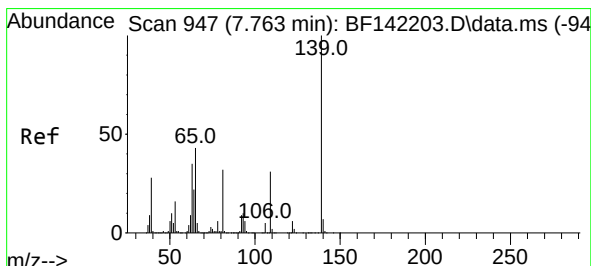
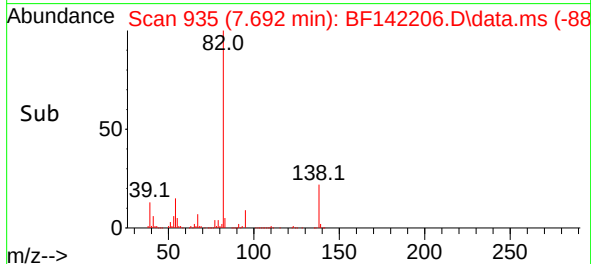
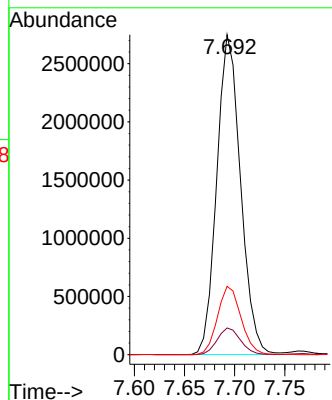
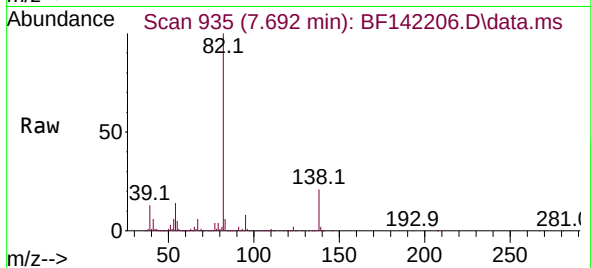




#25
Isophorone
Concen: 77.265 ng
RT: 7.692 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

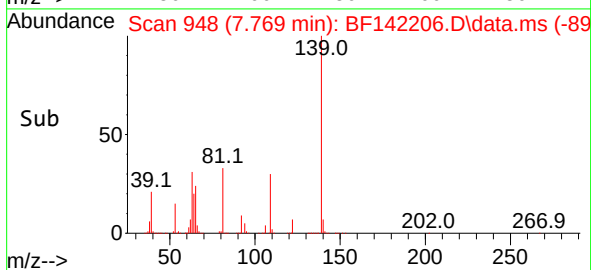
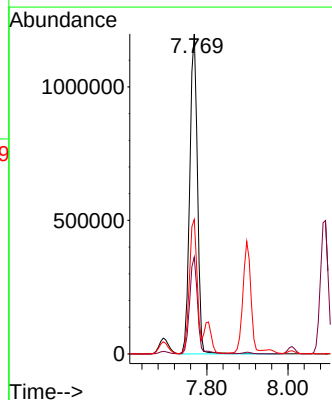
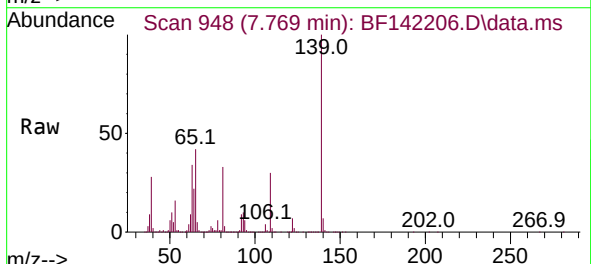
Instrument :
BNA_F
ClientSampleId :

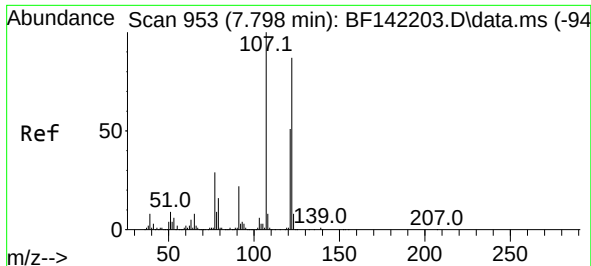
Tgt Ion: 82 Resp: 4527162
Ion Ratio Lower Upper
82 100
95 8.4 6.5 9.7
138 21.4 16.9 25.3



#26
2-Nitrophenol
Concen: 86.288 ng
RT: 7.769 min Scan# 948
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:139 Resp: 1568490
Ion Ratio Lower Upper
139 100
109 30.3 24.4 36.6
65 42.0 34.2 51.2





#27

2,4-Dimethylphenol

Concen: 79.706 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

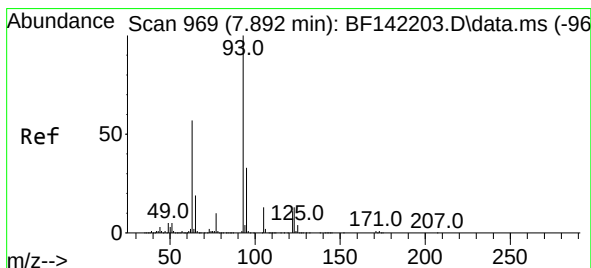
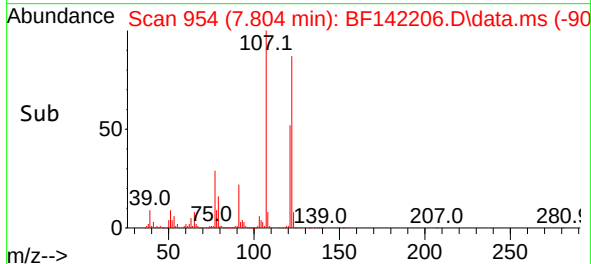
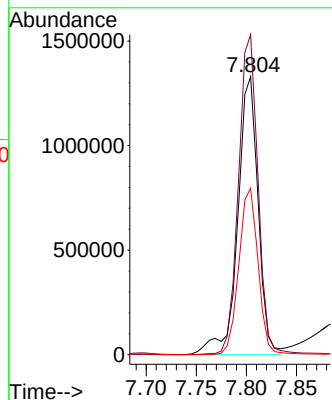
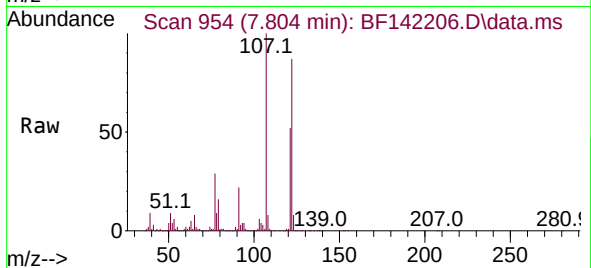
Tgt Ion:122 Resp: 1883854

Ion Ratio Lower Upper

122 100

107 115.1 91.6 137.4

121 59.9 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 74.982 ng

RT: 7.898 min Scan# 970

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

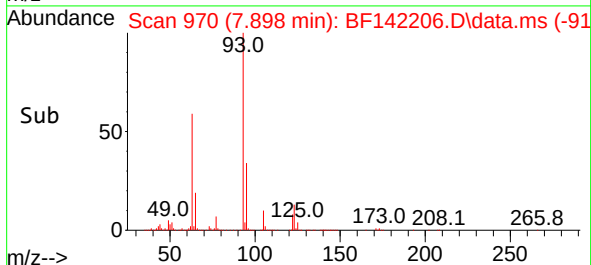
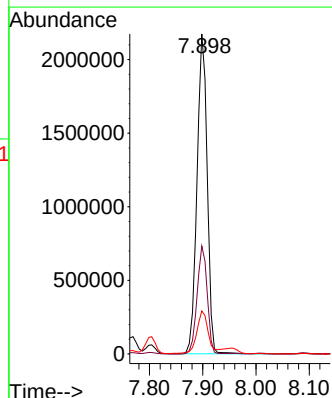
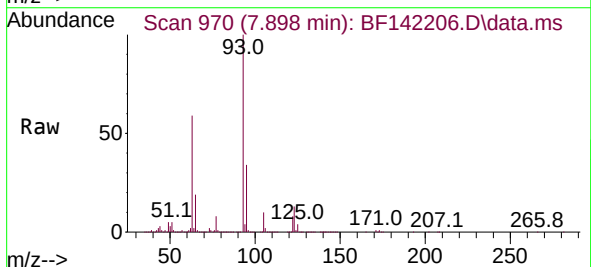
Tgt Ion: 93 Resp: 2883449

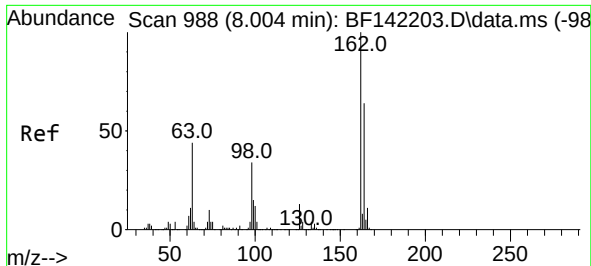
Ion Ratio Lower Upper

93 100

95 33.8 26.3 39.5

123 13.4 10.9 16.3





#29

2,4-Dichlorophenol

Concen: 77.588 ng

RT: 8.010 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

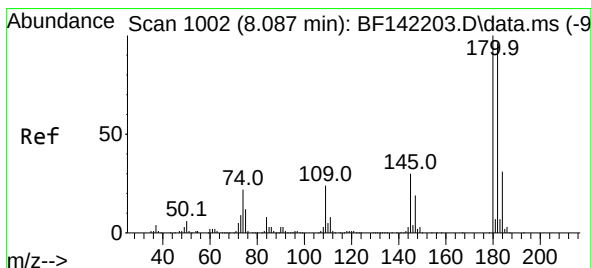
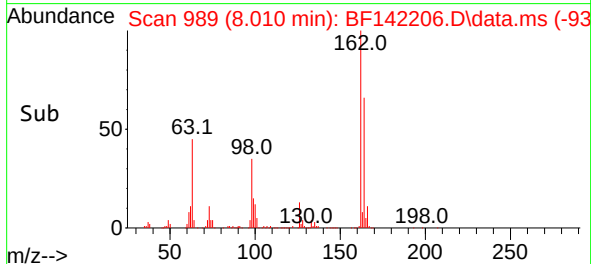
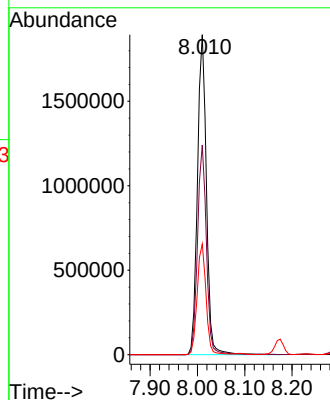
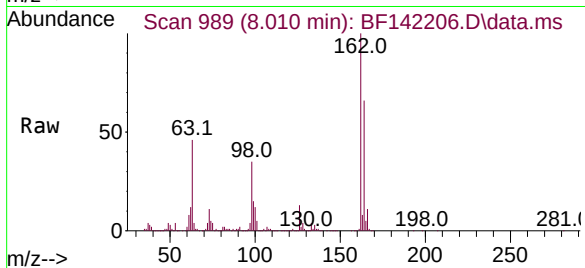
Tgt Ion:162 Resp: 2494071

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

98 34.6 13.8 53.8



#30

1,2,4-Trichlorobenzene

Concen: 74.116 ng

RT: 8.092 min Scan# 1003

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

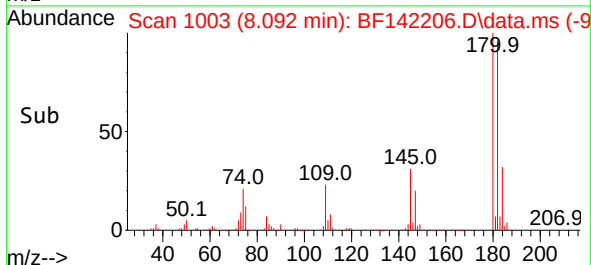
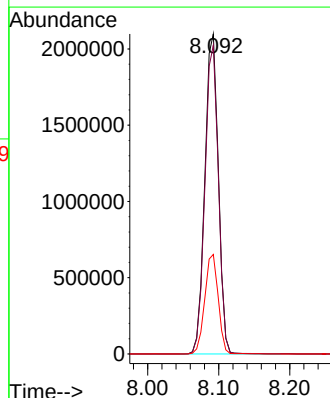
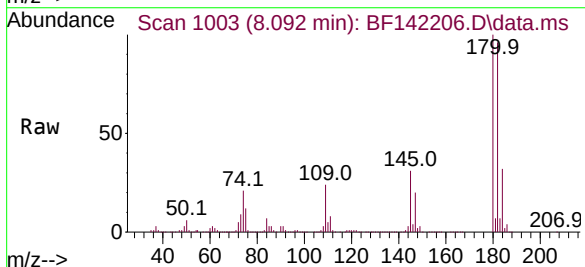
Tgt Ion:180 Resp: 2786092

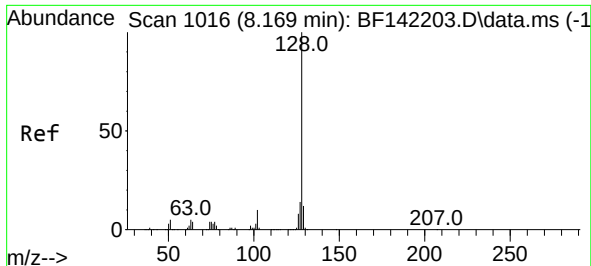
Ion Ratio Lower Upper

180 100

182 96.5 77.0 115.4

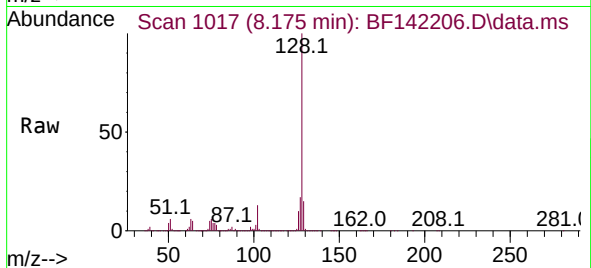
145 31.1 24.3 36.5



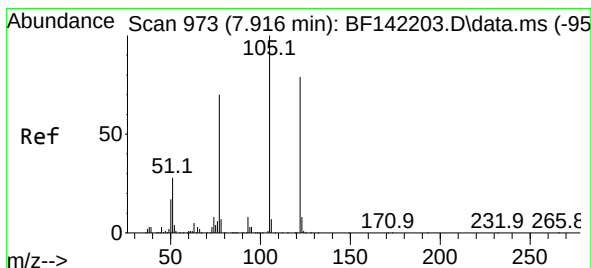
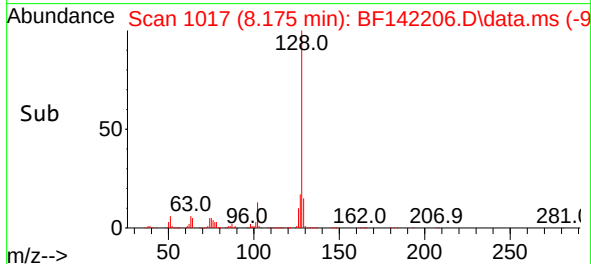
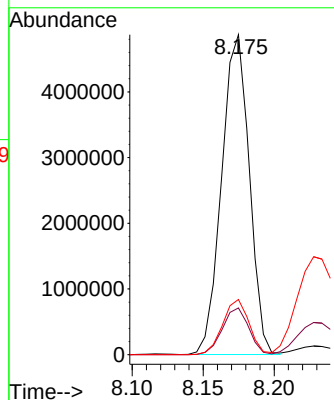


#31
Naphthalene
Concen: 63.596 ng
RT: 8.175 min Scan# 1016
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :

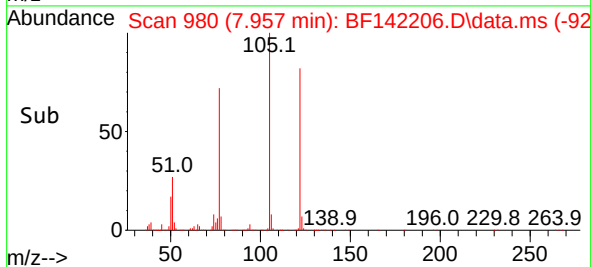
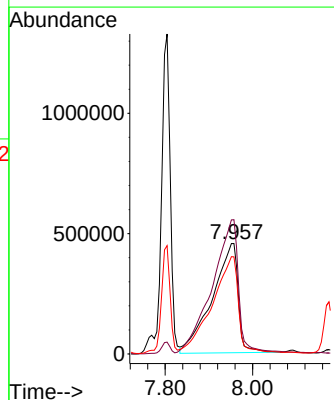
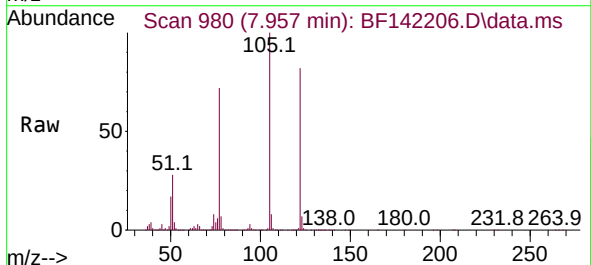


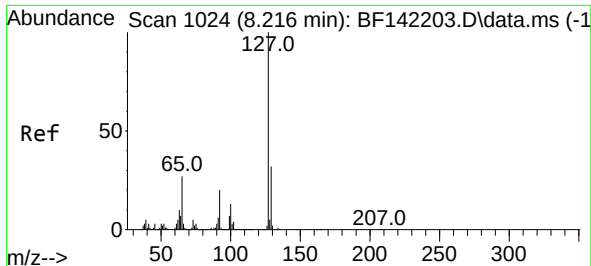
Tgt Ion:128 Resp: 6585676
Ion Ratio Lower Upper
128 100
129 14.6 9.6 14.4#
127 17.3 11.4 17.0#



#32
Benzoic acid
Concen: 80.210 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.041 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

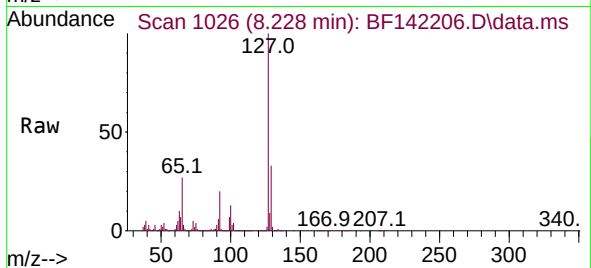
Tgt Ion:122 Resp: 1869957
Ion Ratio Lower Upper
122 100
105 121.5 101.5 141.5
77 88.0 66.6 106.6





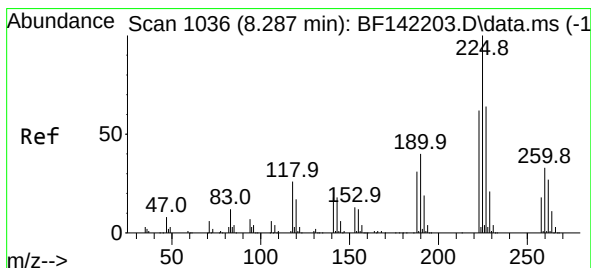
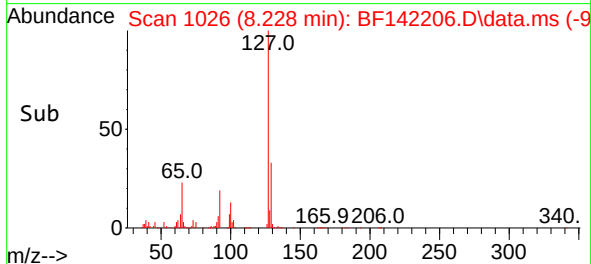
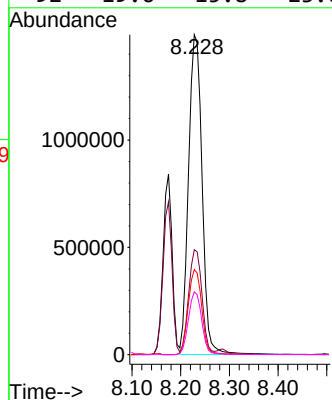
#33
4-Chloroaniline
Concen: 76.787 ng
RT: 8.228 min Scan# 1026
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:127 Resp: 2879228

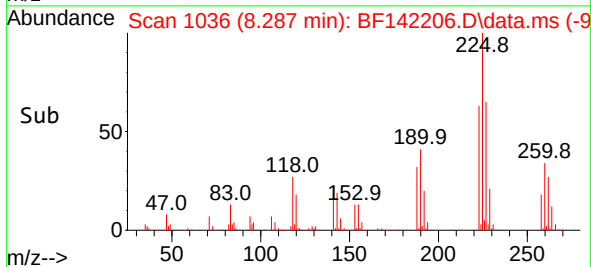
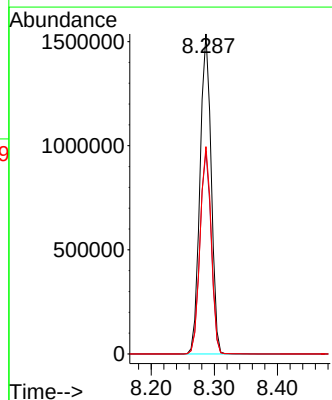
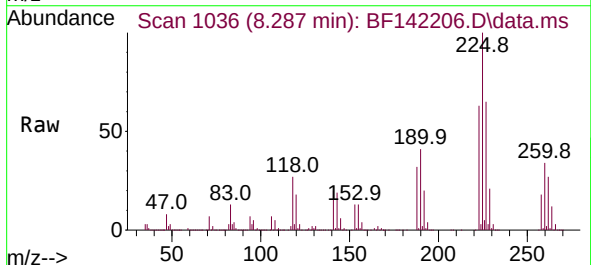
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.9	38.9
65	26.6	21.8	32.6
92	19.6	15.8	23.6

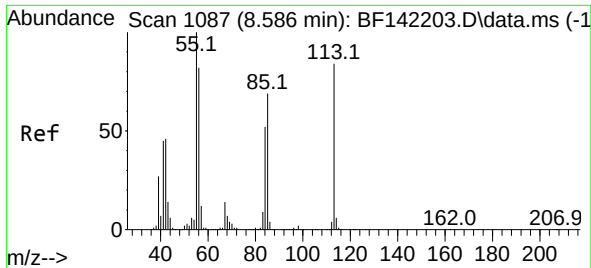


#34
Hexachlorobutadiene
Concen: 75.925 ng
RT: 8.287 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:225 Resp: 1883512

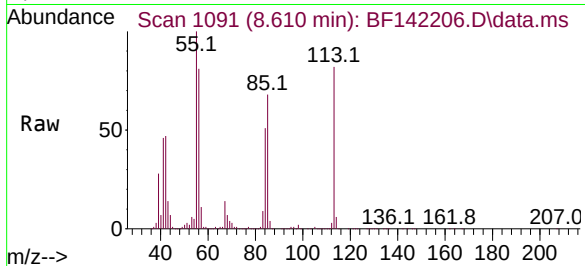
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.2
227	64.8	51.4	77.2



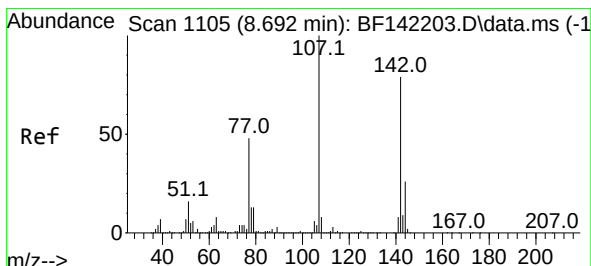
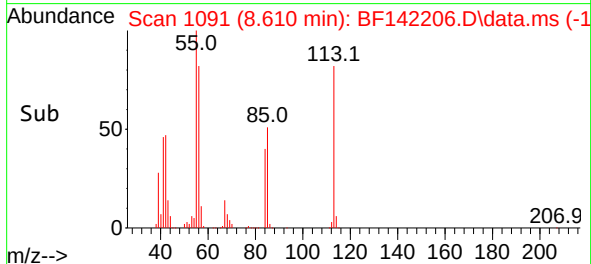
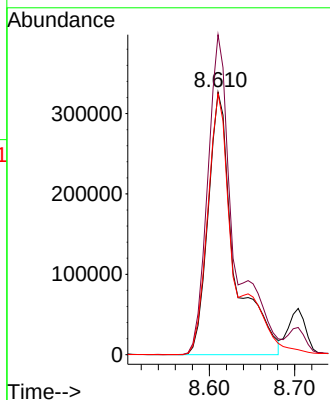


#35
Caprolactam
Concen: 80.907 ng
RT: 8.610 min Scan# 1109
Delta R.T. 0.024 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :

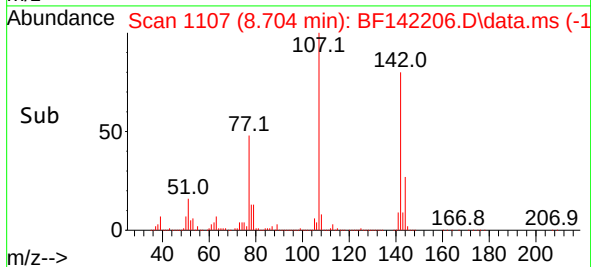
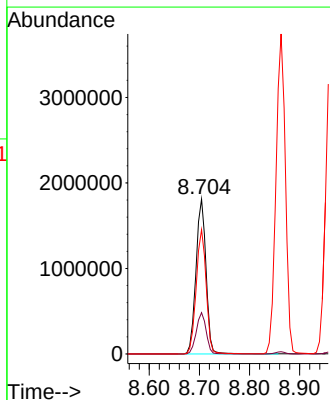
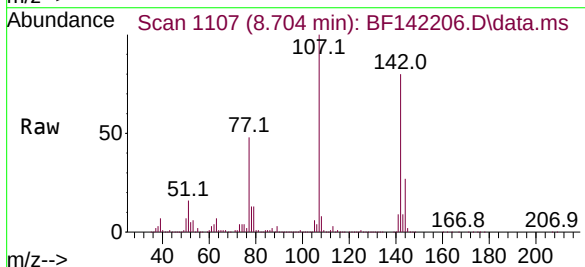


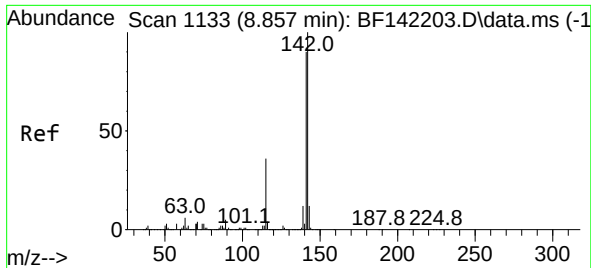
Tgt Ion:113 Resp: 693788
Ion Ratio Lower Upper
113 100
55 122.0 99.5 139.5
56 99.4 78.1 118.1



#36
4-Chloro-3-methylphenol
Concen: 77.580 ng
RT: 8.704 min Scan# 1107
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:107 Resp: 2510357
Ion Ratio Lower Upper
107 100
144 26.6 20.6 30.8
142 80.3 63.2 94.8

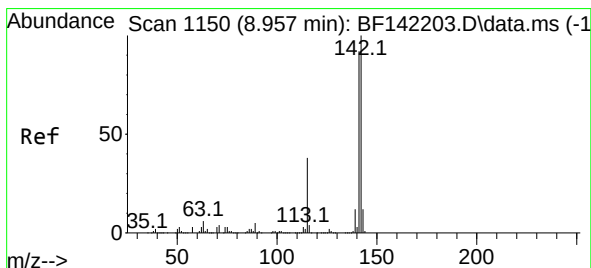
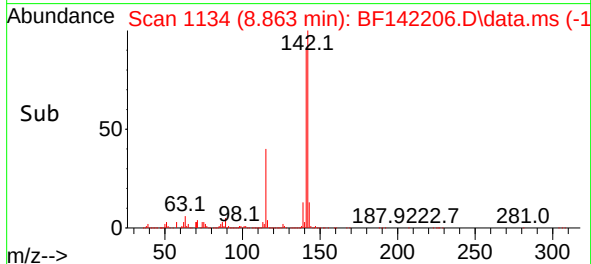
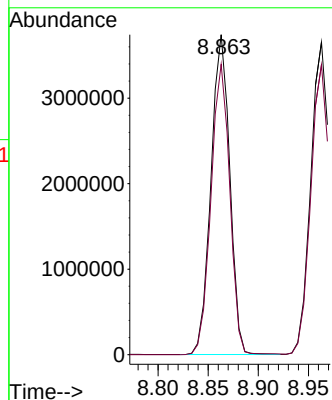
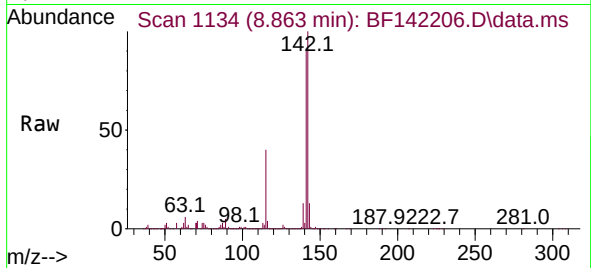




#37
2-Methylnaphthalene
Concen: 68.205 ng
RT: 8.863 min Scan# 1133
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

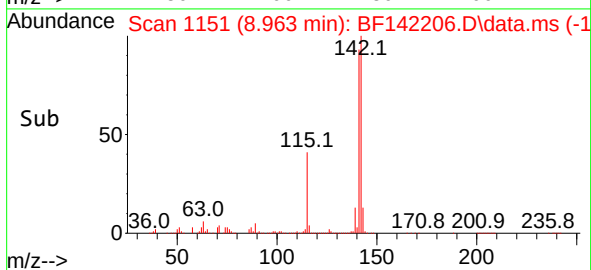
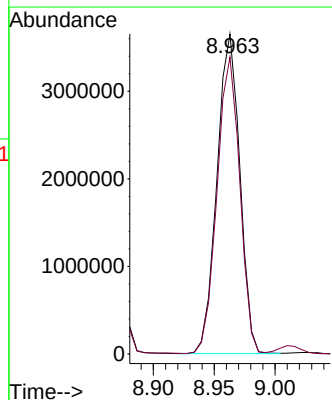
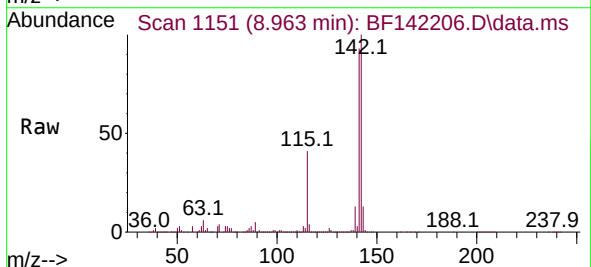
Instrument :
BNA_F
ClientSampleId :

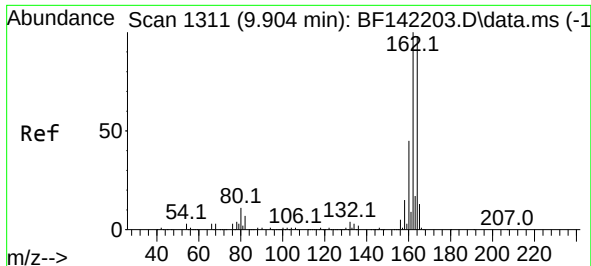
Tgt Ion:142 Resp: 4881347
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#38
1-Methylnaphthalene
Concen: 68.785 ng
RT: 8.963 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:142 Resp: 4766389
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9

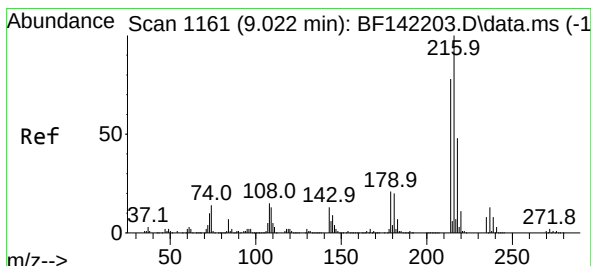
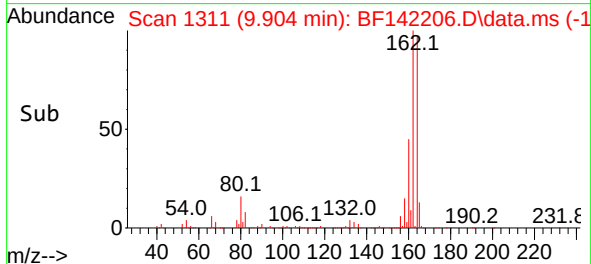
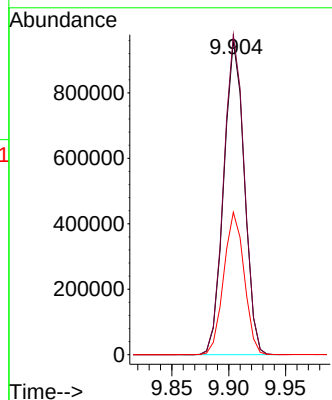
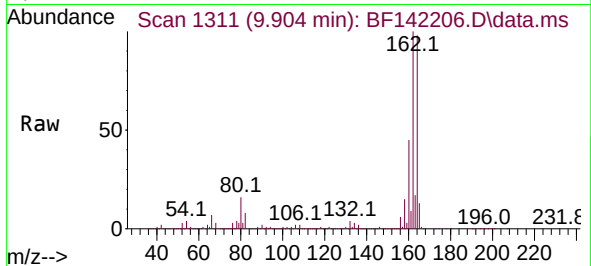




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

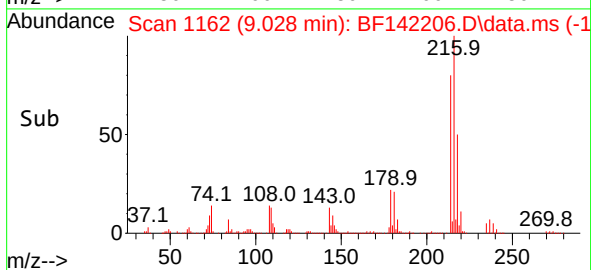
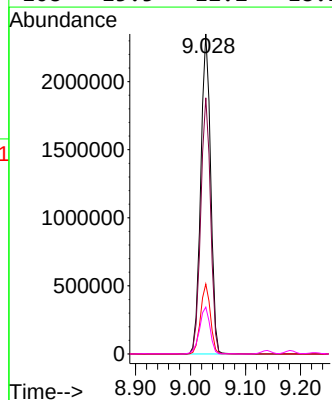
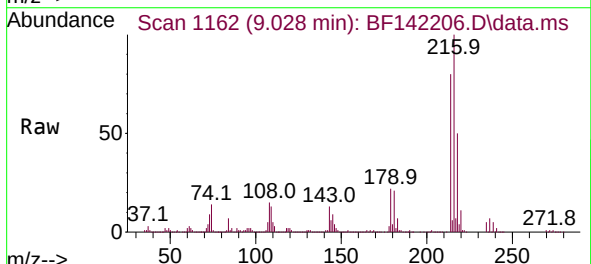
Instrument :
BNA_F
ClientSampleId :

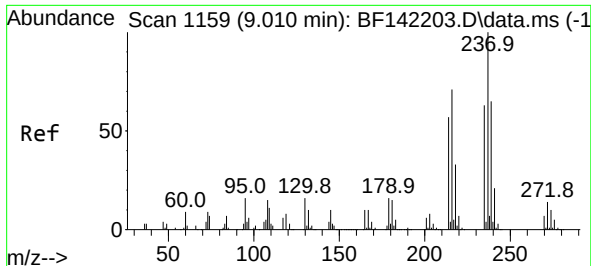
Tgt Ion:164 Resp: 1205298
Ion Ratio Lower Upper
164 100
162 101.9 81.9 122.9
160 45.3 36.8 55.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 74.675 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:216 Resp: 2944962
Ion Ratio Lower Upper
216 100
214 79.8 62.7 94.1
179 21.7 16.7 25.1
108 15.5 12.2 18.2

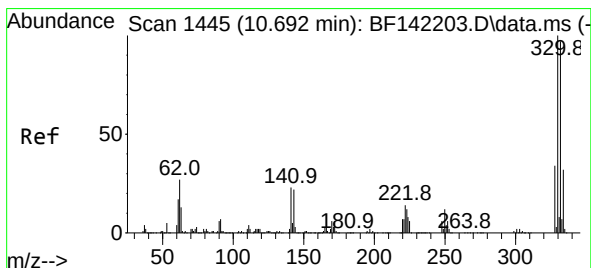
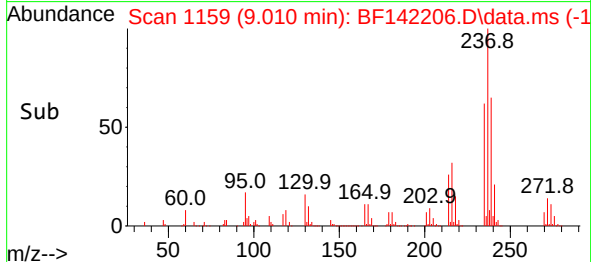
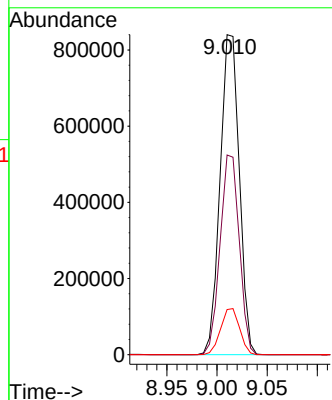
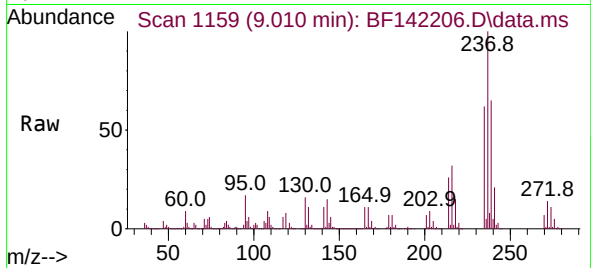




#41
Hexachlorocyclopentadiene
Concen: 92.301 ng
RT: 9.010 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

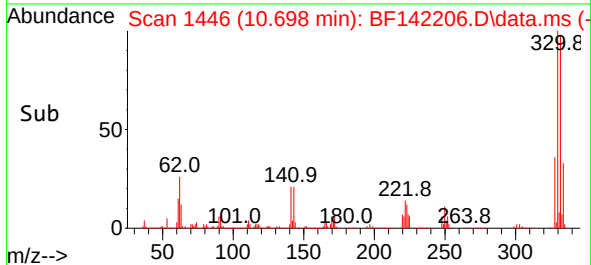
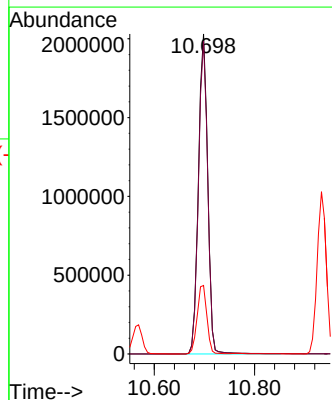
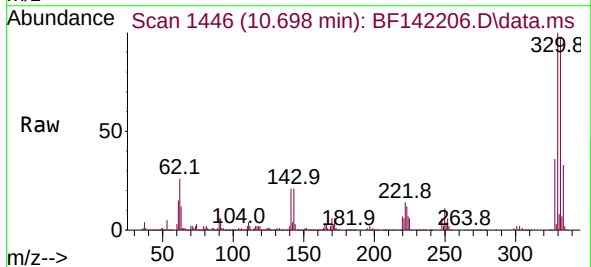
Instrument :
BNA_F
ClientSampleId :

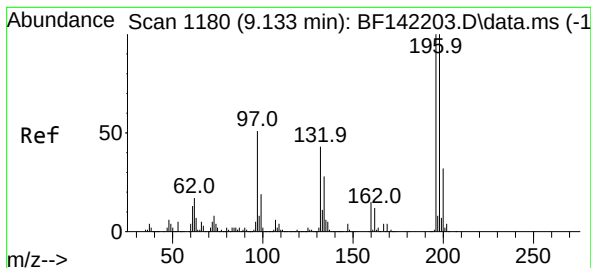
Tgt Ion:237 Resp: 1116208
Ion Ratio Lower Upper
237 100
235 62.4 42.6 82.6
272 14.1 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 158.224 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:330 Resp: 2607461
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 22.4 18.9 28.3





#43

2,4,6-Trichlorophenol

Concen: 81.340 ng

RT: 9.139 min Scan# 1180

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

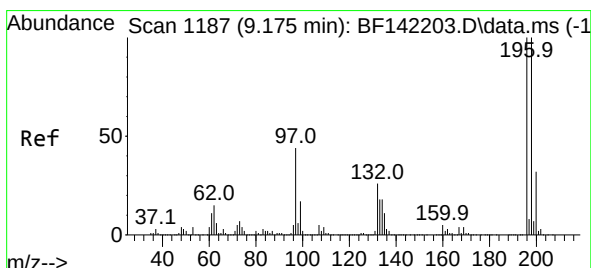
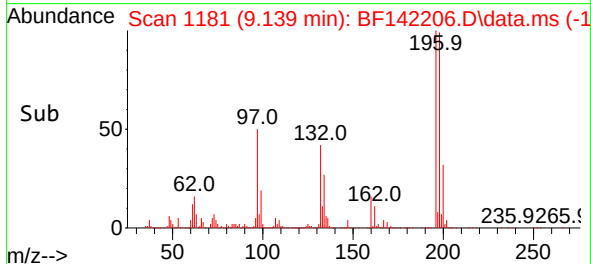
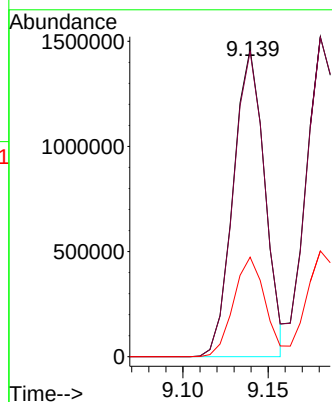
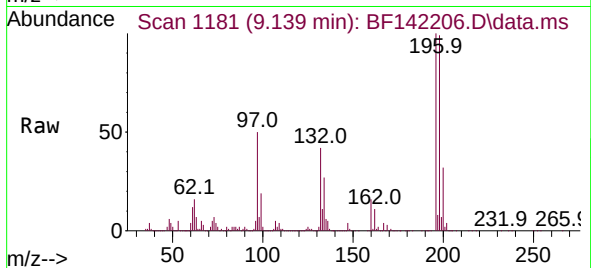
Tgt Ion:196 Resp: 1872804

Ion Ratio Lower Upper

196 100

198 99.2 80.0 120.0

200 32.4 25.6 38.4



#44

2,4,5-Trichlorophenol

Concen: 82.357 ng

RT: 9.181 min Scan# 1188

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:196 Resp: 2032523

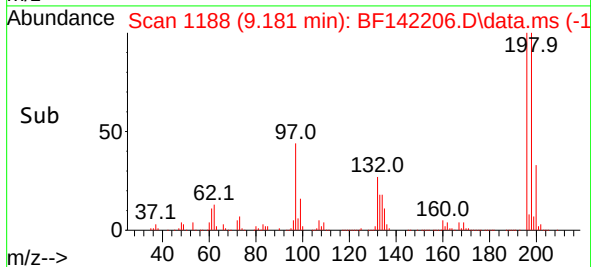
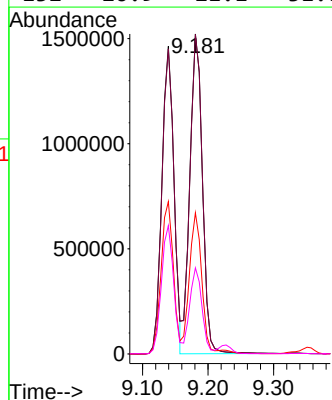
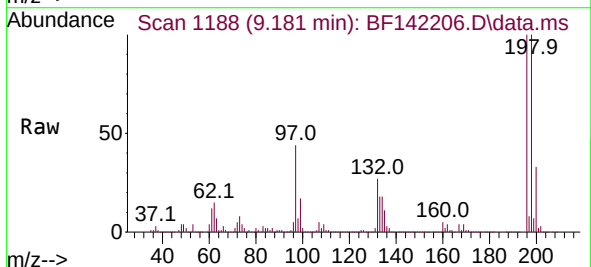
Ion Ratio Lower Upper

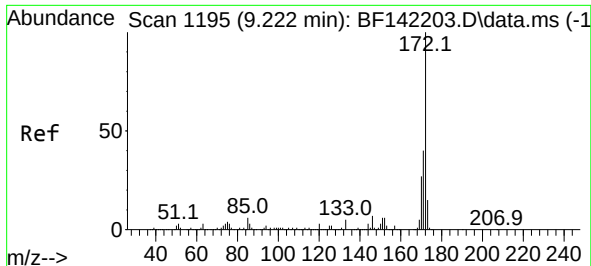
196 100

198 99.8 80.0 120.0

97 44.1 35.9 53.9

132 26.9 21.1 31.7





#45

2-Fluorobiphenyl

Concen: 115.194 ng

RT: 9.228 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

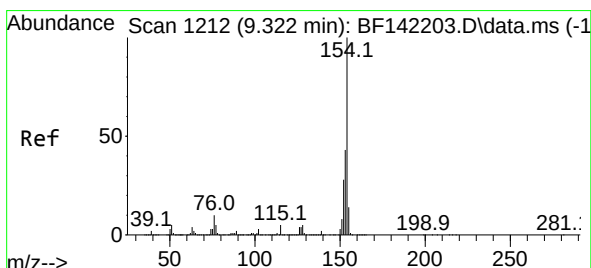
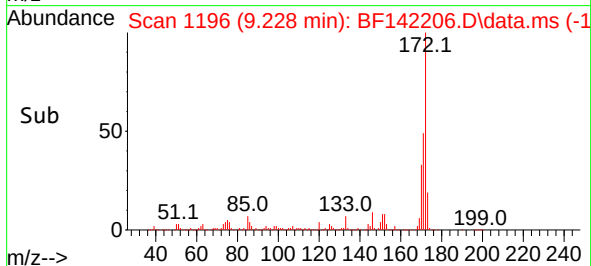
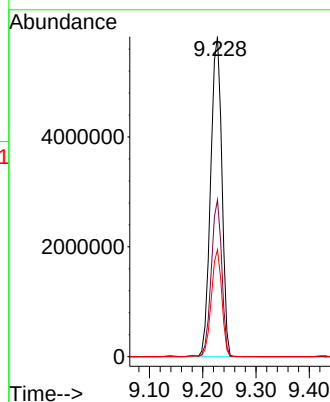
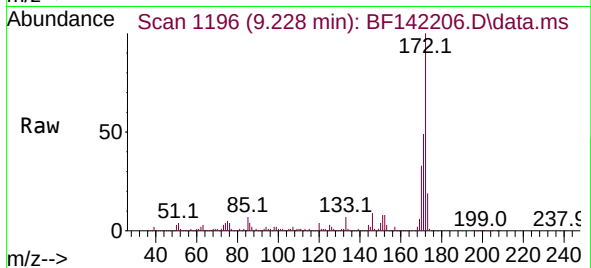
Tgt Ion:172 Resp: 8518375

Ion Ratio Lower Upper

172 100

171 49.0 32.1 48.1#

170 33.4 21.4 32.0#



#46

1,1'-Biphenyl

Concen: 66.342 ng

RT: 9.328 min Scan# 1213

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

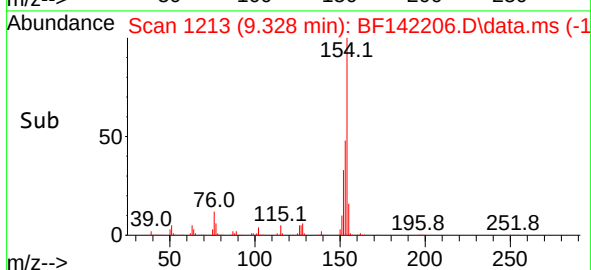
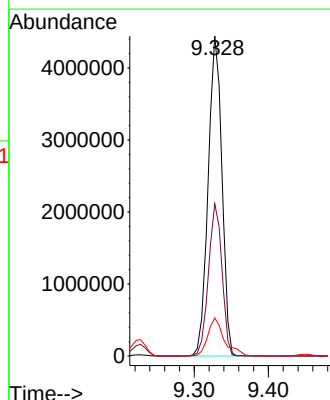
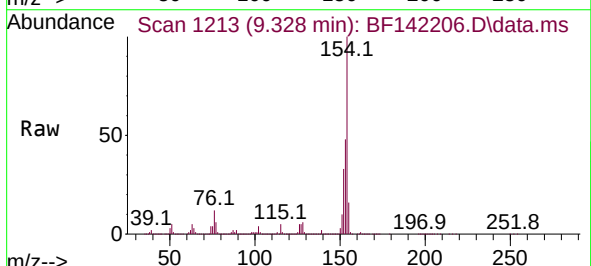
Tgt Ion:154 Resp: 5733908

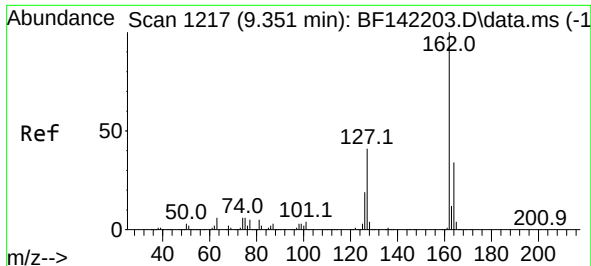
Ion Ratio Lower Upper

154 100

153 47.6 22.5 62.5

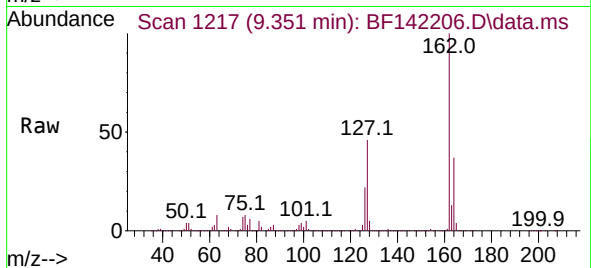
76 11.8 0.0 30.4



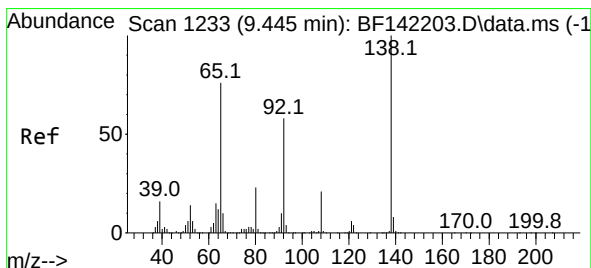
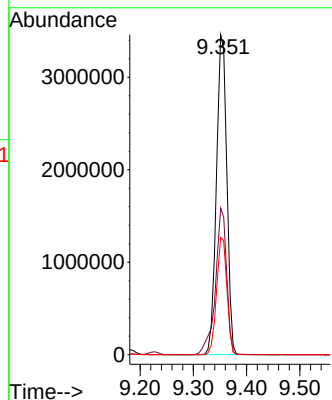
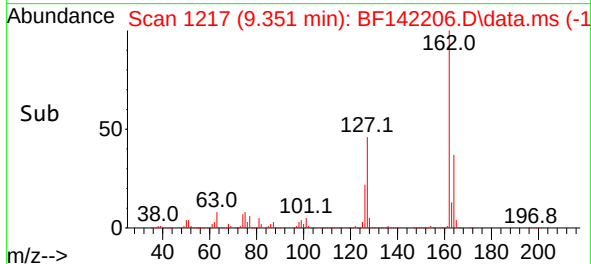


#47
2-Chloronaphthalene
Concen: 69.899 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

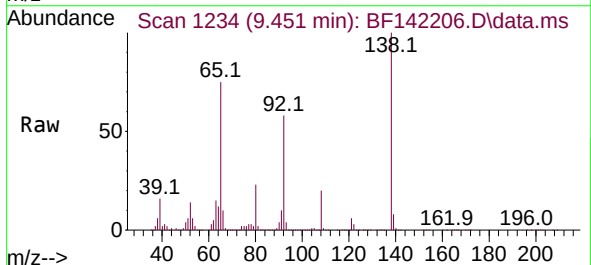
Instrument :
BNA_F
ClientSampleId :



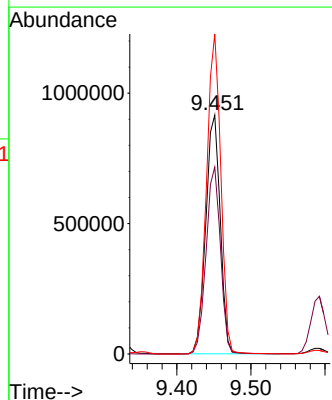
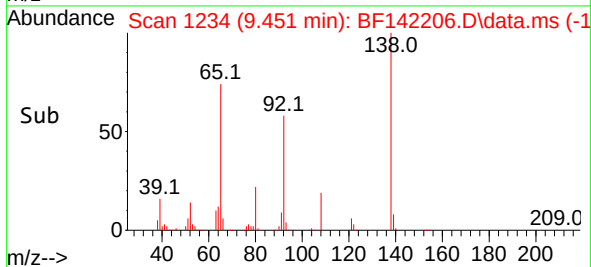
Tgt Ion:162 Resp: 4689307
Ion Ratio Lower Upper
162 100
127 45.8 33.1 49.7
164 36.7 27.1 40.7

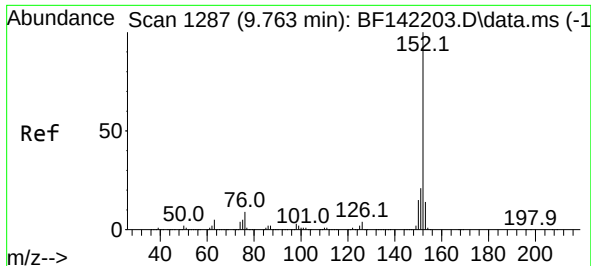


#48
2-Nitroaniline
Concen: 79.289 ng
RT: 9.451 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30



Tgt Ion: 65 Resp: 1246853
Ion Ratio Lower Upper
65 100
92 78.2 61.4 92.0
138 133.9 105.8 158.6

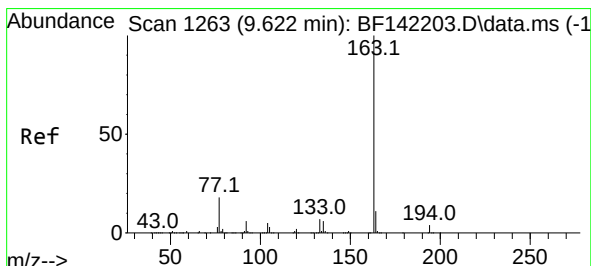
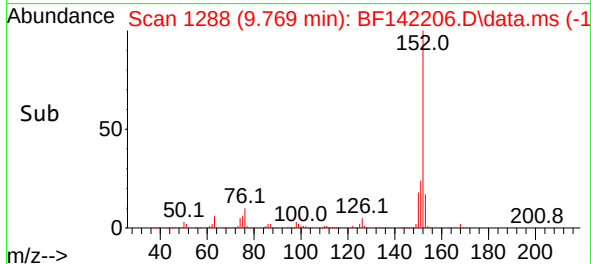
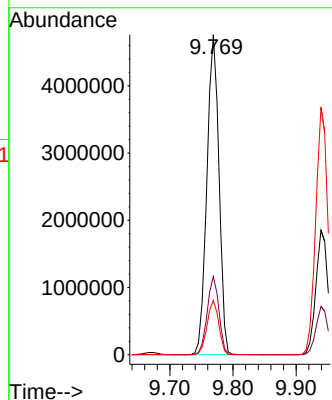
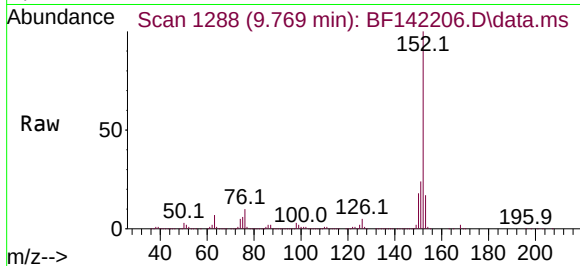




#49
Acenaphthylene
Concen: 66.561 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

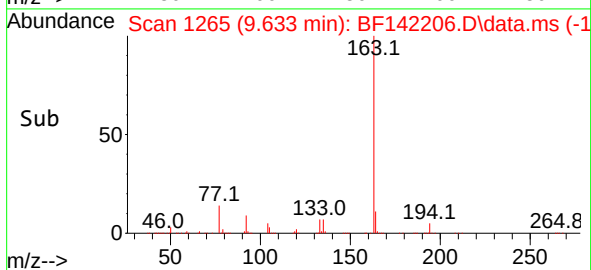
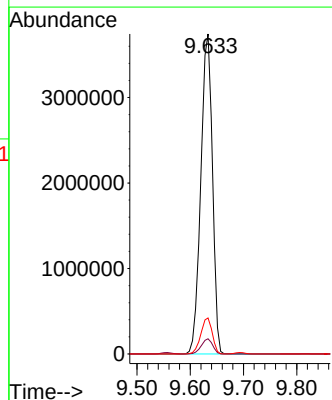
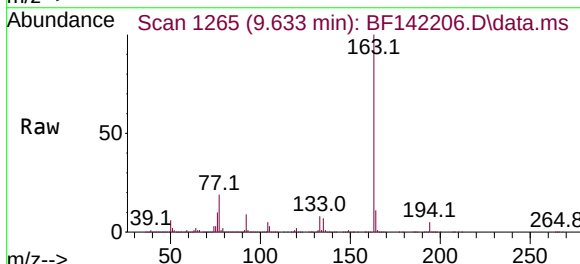
Instrument :
BNA_F
ClientSampleId :

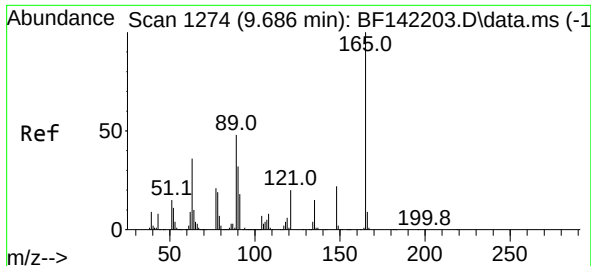
Tgt Ion:152 Resp: 6311627
Ion Ratio Lower Upper
152 100
151 24.4 16.9 25.3
153 17.0 11.6 17.4



#50
Dimethylphthalate
Concen: 73.388 ng
RT: 9.633 min Scan# 1265
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:163 Resp: 5671409
Ion Ratio Lower Upper
163 100
194 4.7 3.4 5.0
164 11.3 8.6 12.8





#51

2,6-Dinitrotoluene

Concen: 77.803 ng

RT: 9.692 min Scan# 1275

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

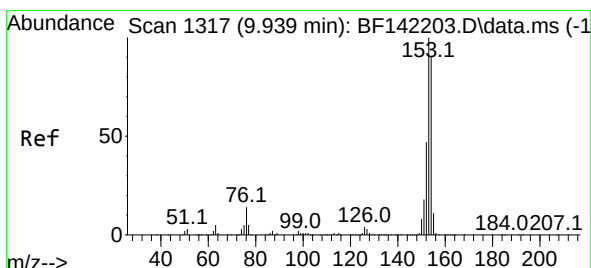
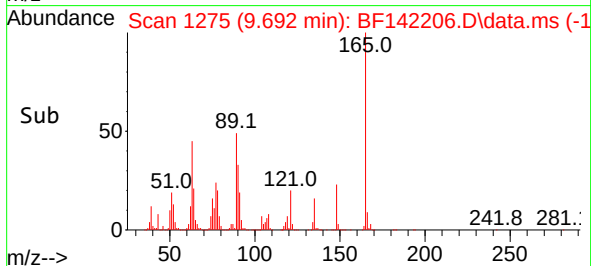
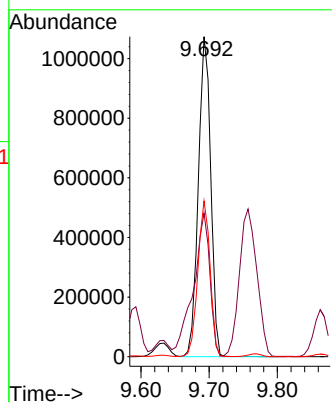
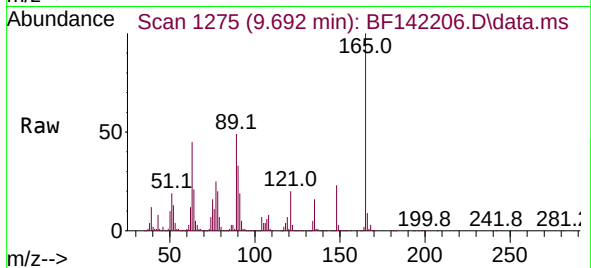
Tgt Ion:165 Resp: 1349897

Ion Ratio Lower Upper

165 100

63 44.8 35.4 53.2

89 48.7 38.6 58.0



#52

Acenaphthene

Concen: 72.077 ng

RT: 9.939 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

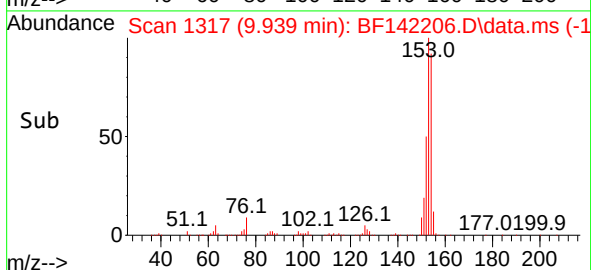
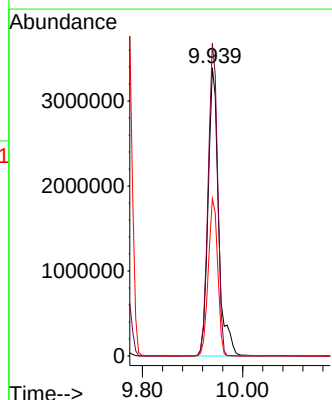
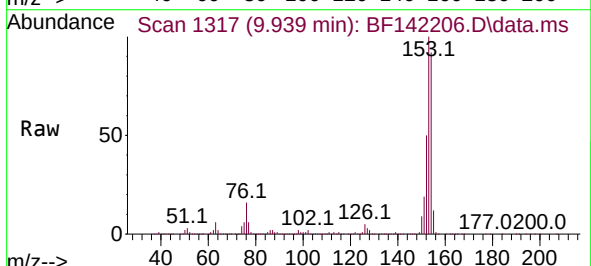
Tgt Ion:154 Resp: 4925202

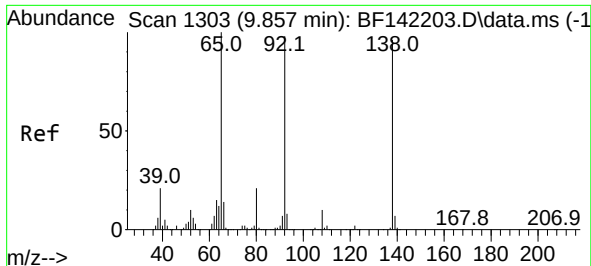
Ion Ratio Lower Upper

154 100

153 108.5 89.0 133.4

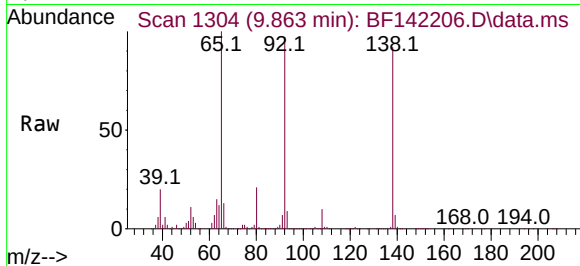
152 54.6 41.8 62.8



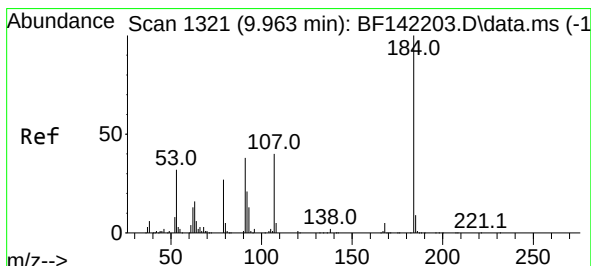
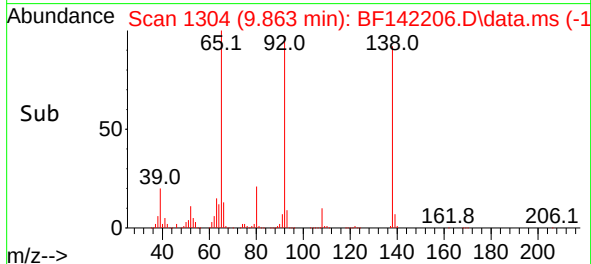
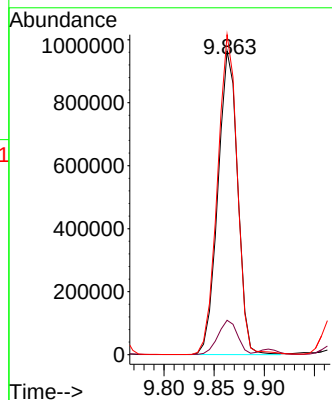


#53
3-Nitroaniline
Concen: 79.432 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :

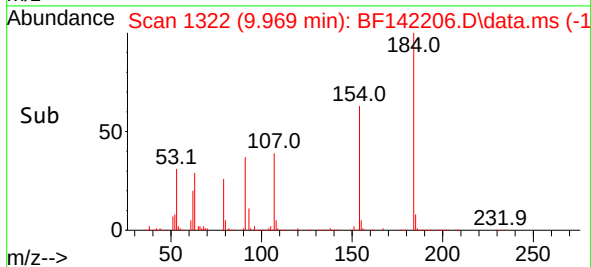
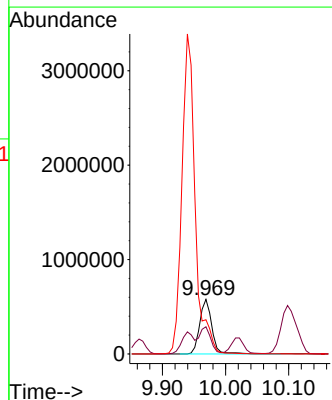
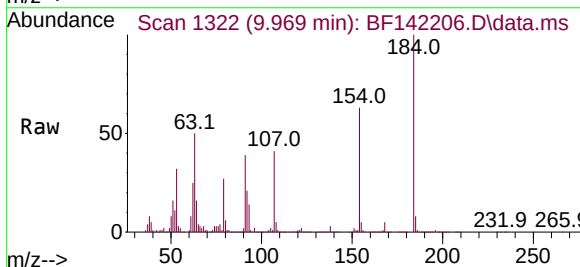


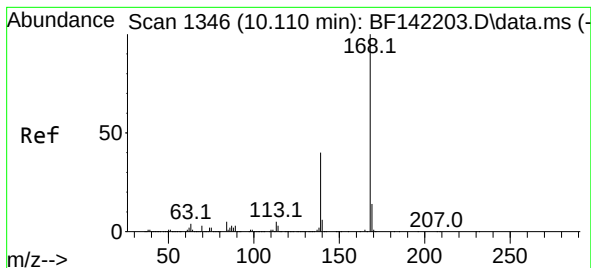
Tgt Ion:138 Resp: 1320524
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 105.4 81.8 122.8



#54
2,4-Dinitrophenol
Concen: 90.455 ng
RT: 9.969 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:184 Resp: 768668
Ion Ratio Lower Upper
184 100
63 49.9 39.0 58.4
154 62.8 52.2 78.4





#55

Dibenzofuran

Concen: 64.543 ng

RT: 10.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

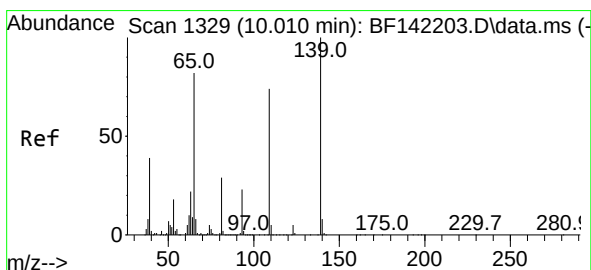
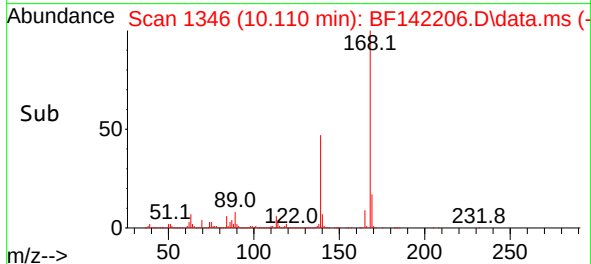
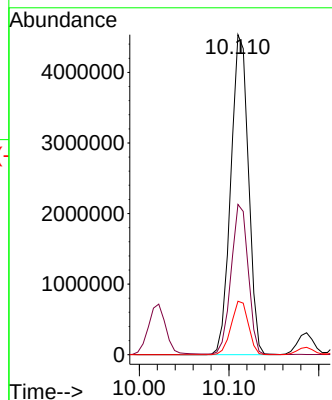
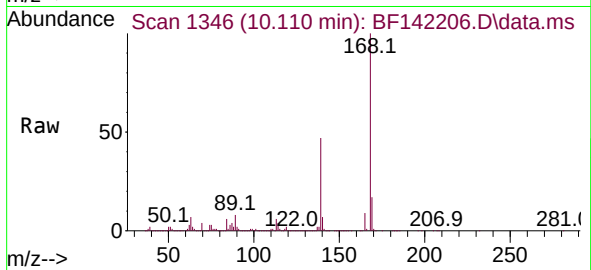
Tgt Ion:168 Resp: 6183046

Ion Ratio Lower Upper

168 100

139 46.9 32.3 48.5

169 16.7 11.4 17.0



#56

4-Nitrophenol

Concen: 81.309 ng

RT: 10.022 min Scan# 1331

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

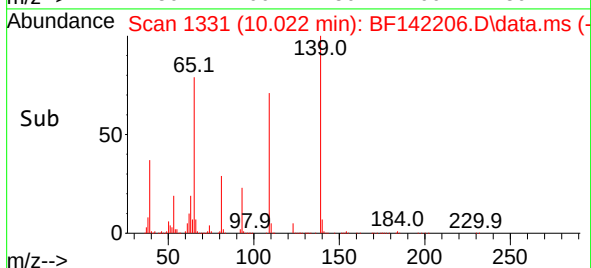
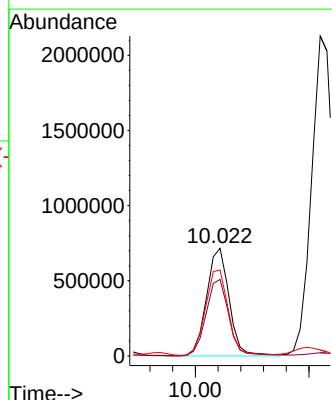
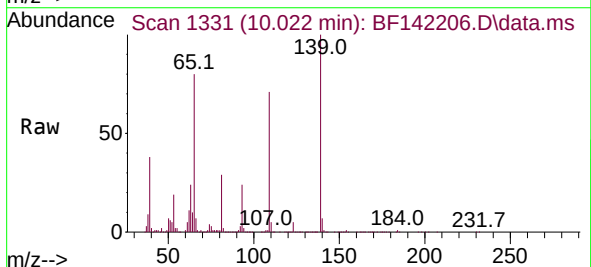
Tgt Ion:139 Resp: 988778

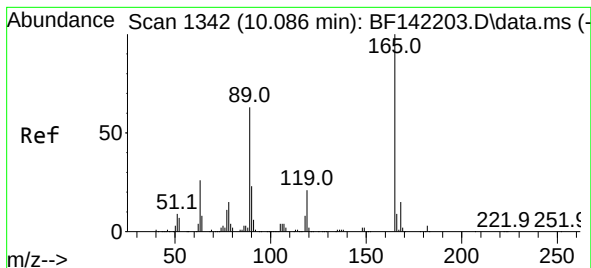
Ion Ratio Lower Upper

139 100

109 71.0 54.1 94.1

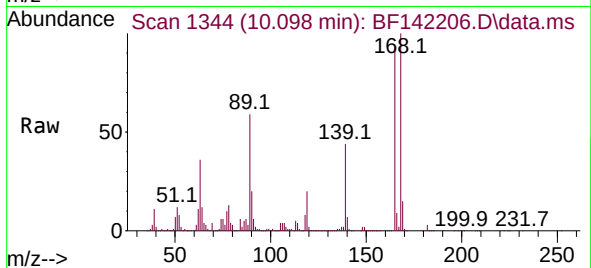
65 79.9 62.1 102.1



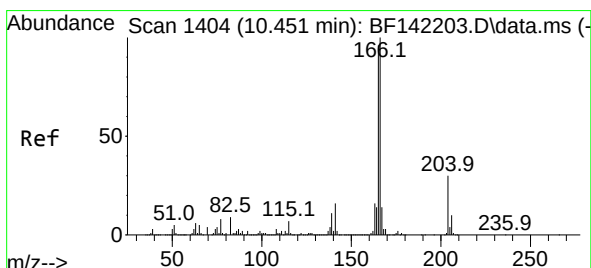
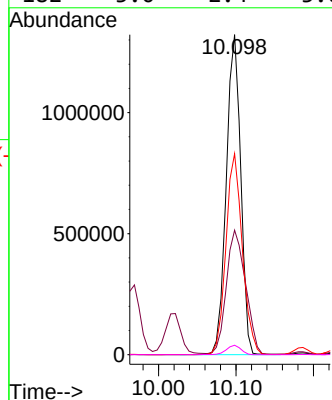
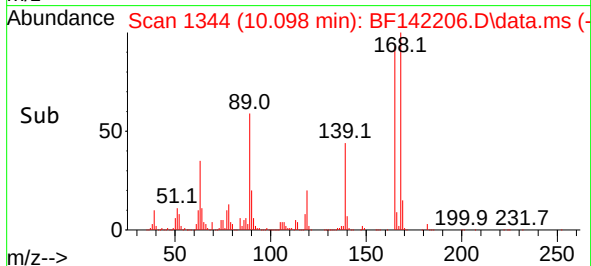


#57
2,4-Dinitrotoluene
Concen: 76.397 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

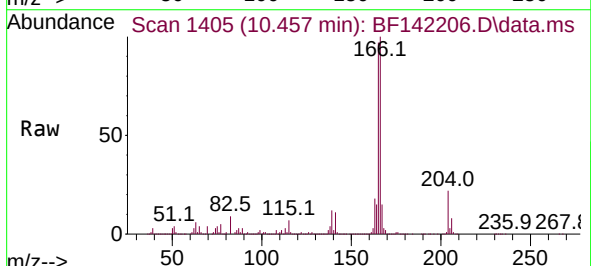
Instrument :
BNA_F
ClientSampleId :



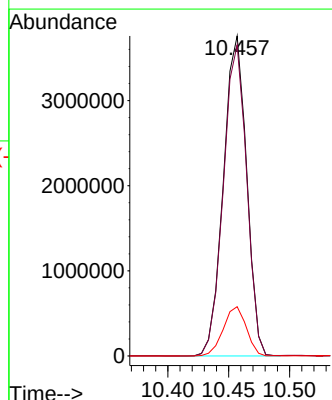
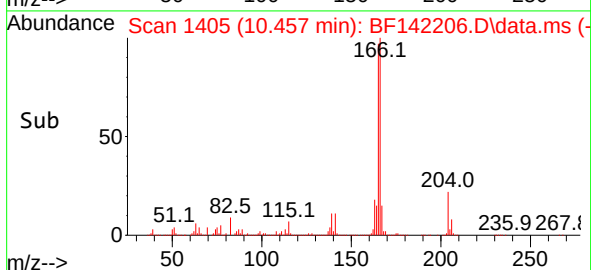
Tgt Ion:165 Resp: 1712013
Ion Ratio Lower Upper
165 100
63 38.9 29.0 43.6
89 62.8 50.1 75.1
182 3.0 2.4 3.6

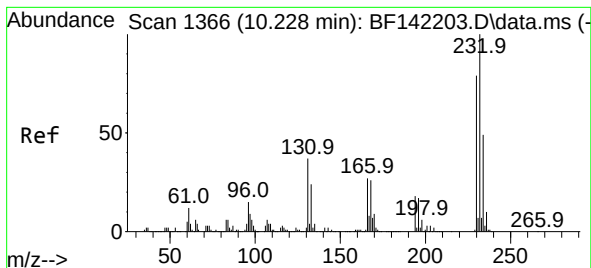


#58
Fluorene
Concen: 67.293 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30



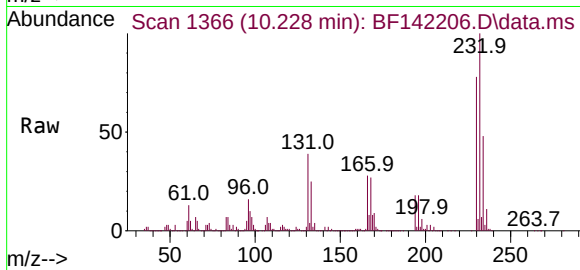
Tgt Ion:166 Resp: 4986748
Ion Ratio Lower Upper
166 100
165 97.2 77.1 115.7
167 15.4 11.0 16.4



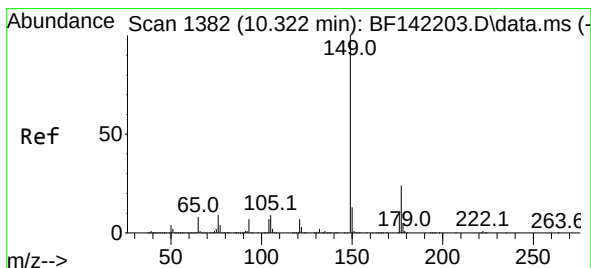
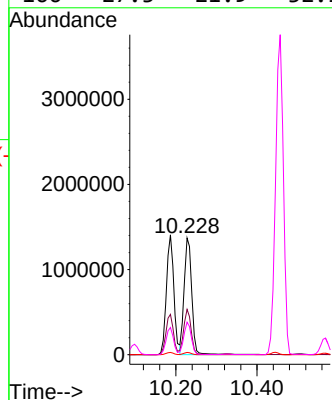
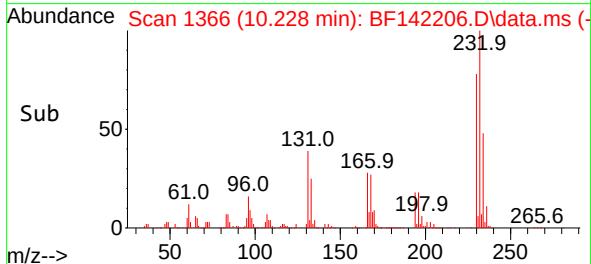


#59
2,3,4,6-Tetrachlorophenol
Concen: 80.571 ng
RT: 10.228 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

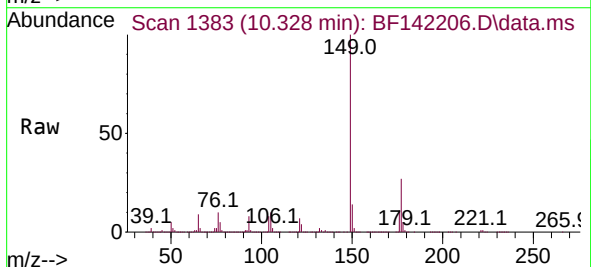
Instrument :
BNA_F
ClientSampleId :



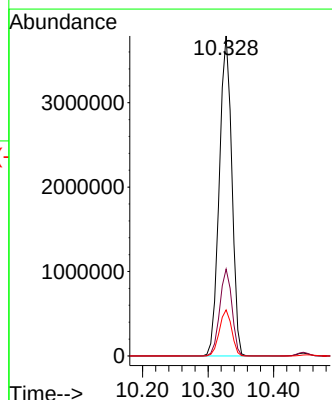
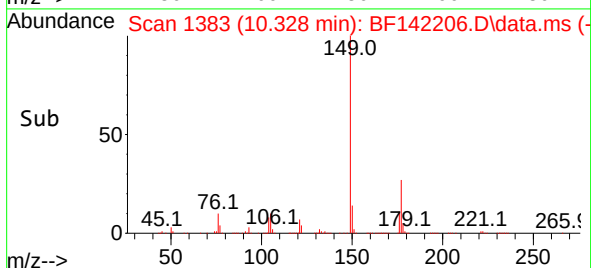
Tgt Ion:232 Resp: 1777715
Ion Ratio Lower Upper
232 100
131 37.8 31.9 47.9
130 1.9 1.6 2.4
166 27.3 21.9 32.9

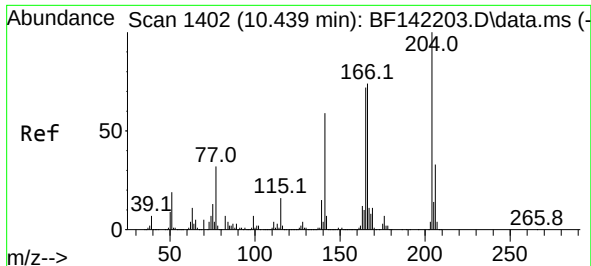


#60
Diethylphthalate
Concen: 69.219 ng
RT: 10.328 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30



Tgt Ion:149 Resp: 4994993
Ion Ratio Lower Upper
149 100
177 27.2 19.6 29.4
150 14.4 10.6 15.8

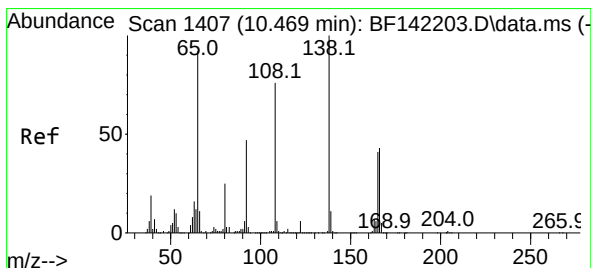
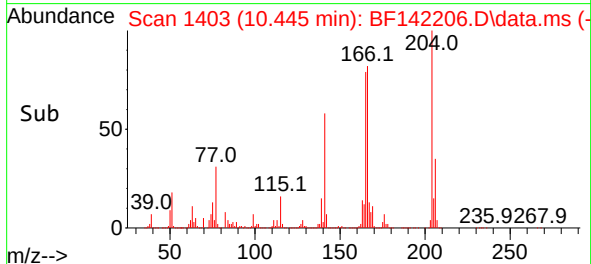
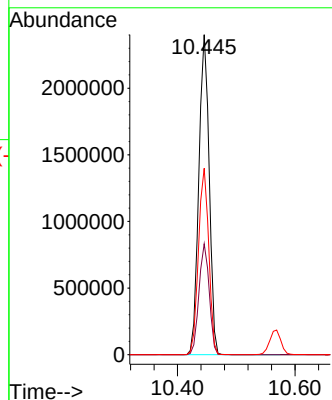
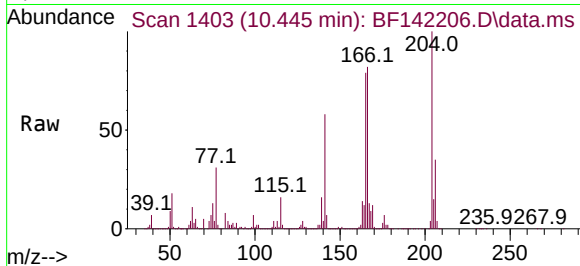




#61
4-Chlorophenyl-phenylether
Concen: 71.809 ng
RT: 10.445 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

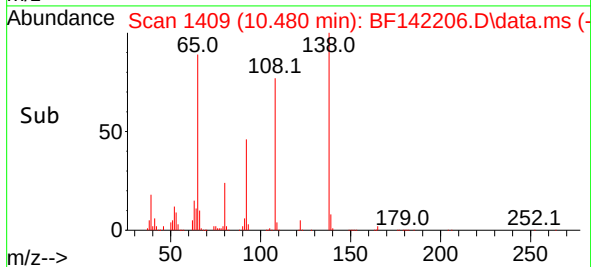
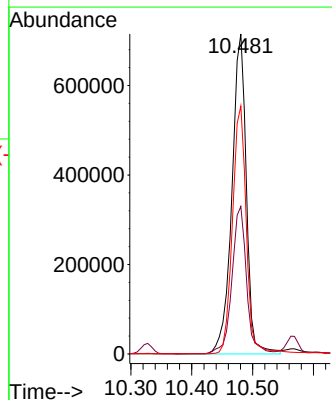
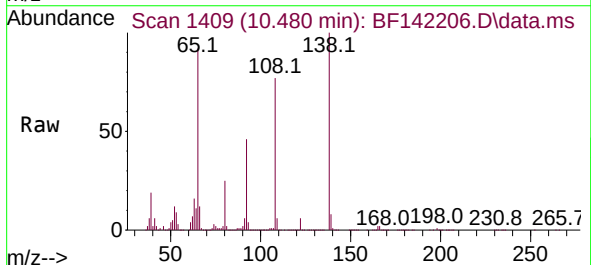
Instrument :
BNA_F
ClientSampleId :

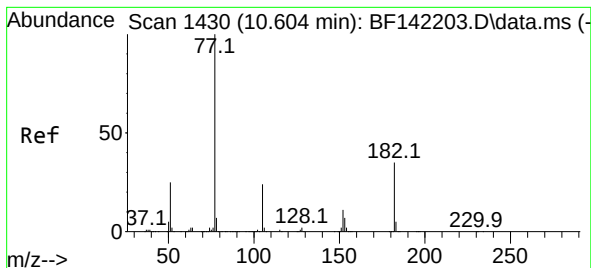
Tgt Ion:204 Resp: 2930042
Ion Ratio Lower Upper
204 100
206 34.7 26.5 39.7
141 58.3 47.0 70.6



#62
4-Nitroaniline
Concen: 74.946 ng
RT: 10.480 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:138 Resp: 1184269
Ion Ratio Lower Upper
138 100
92 46.1 26.7 66.7
108 77.5 56.5 96.5





#63

Azobenzene

Concen: 68.342 ng

RT: 10.604 min Scan# 1430

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 4294353

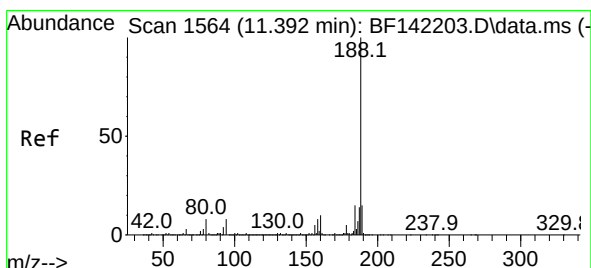
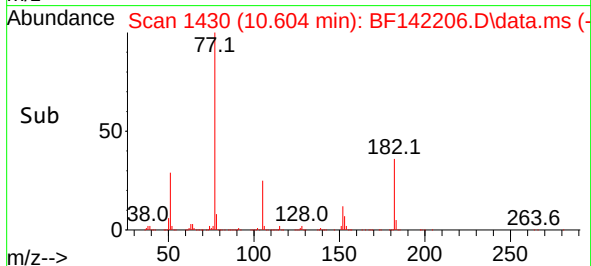
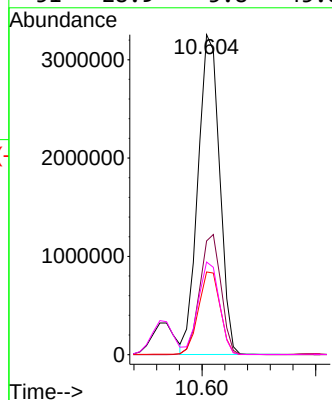
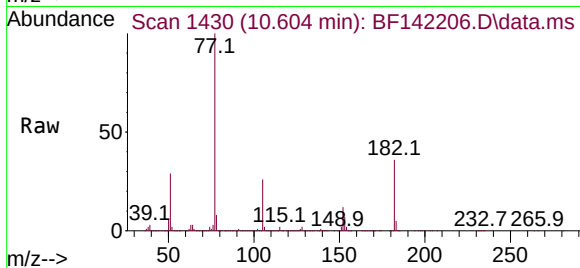
Ion Ratio Lower Upper

77 100

182 35.5 14.8 54.8

105 25.8 4.0 44.0

51 28.9 5.8 45.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1564

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

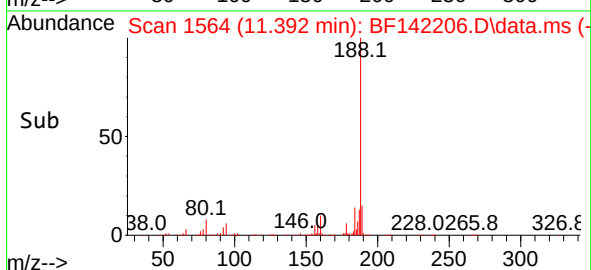
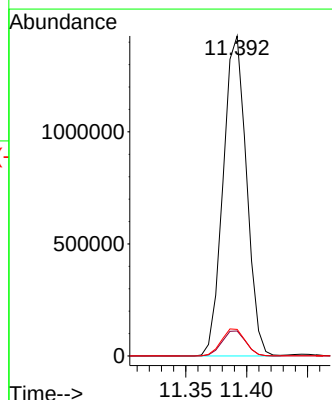
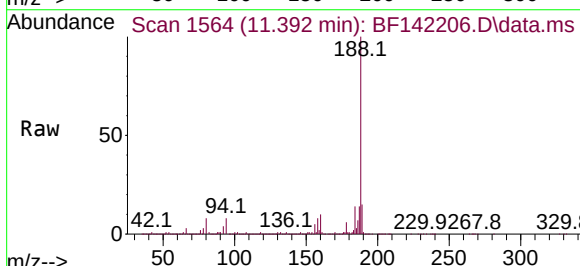
Tgt Ion:188 Resp: 1905521

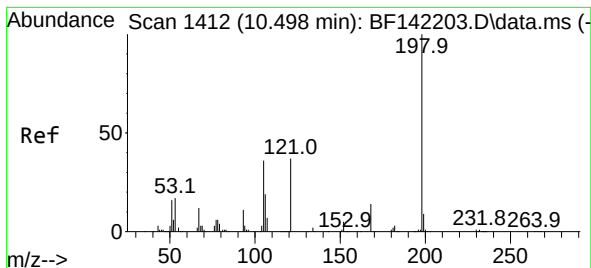
Ion Ratio Lower Upper

188 100

94 7.8 6.3 9.5

80 8.3 6.7 10.1

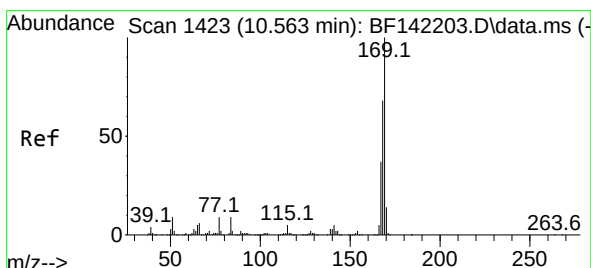
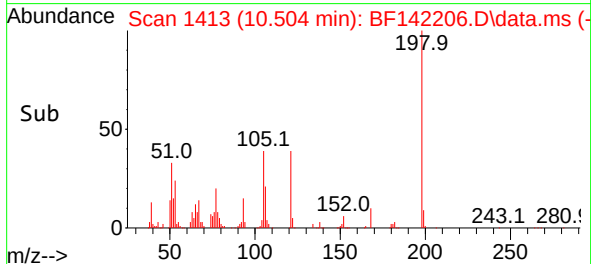
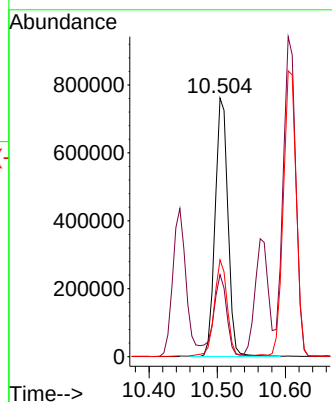
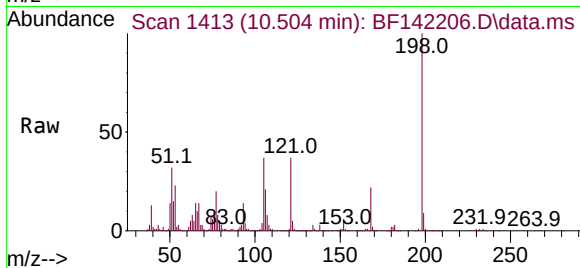




#65
4,6-Dinitro-2-methylphenol
Concen: 89.504 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

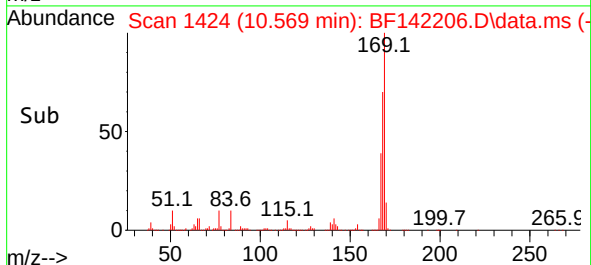
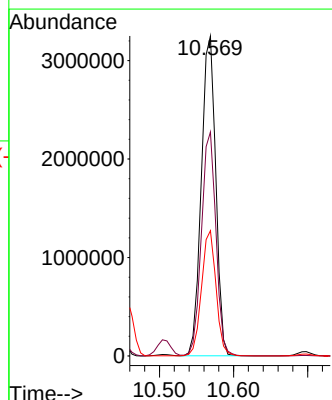
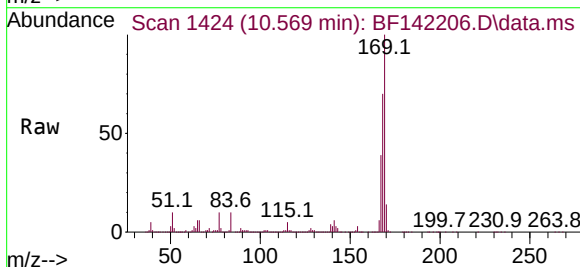
Instrument :
BNA_F
ClientSampleId :

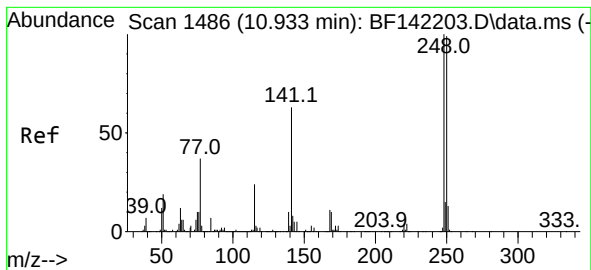
Tgt Ion:198 Resp: 995551
Ion Ratio Lower Upper
198 100
51 31.8 10.2 50.2
105 37.5 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 75.047 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

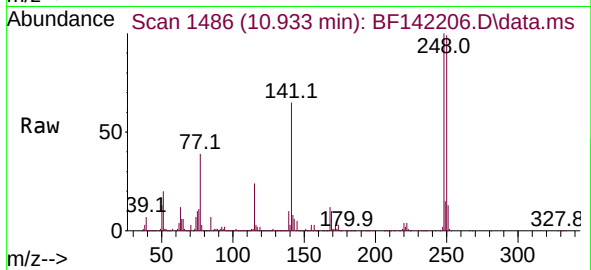
Tgt Ion:169 Resp: 4382839
Ion Ratio Lower Upper
169 100
168 70.0 54.2 81.2
167 39.1 29.4 44.2



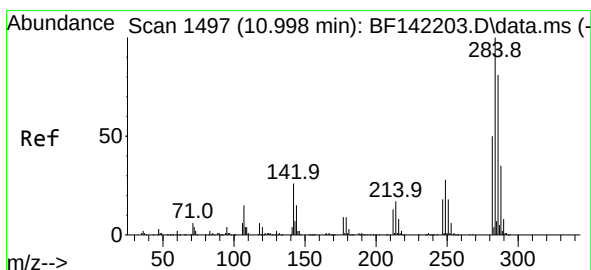
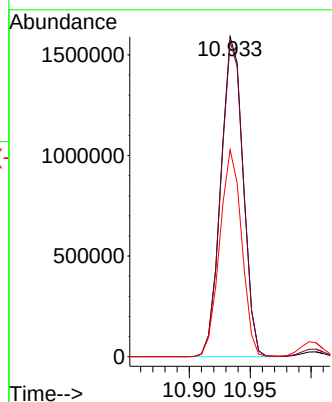
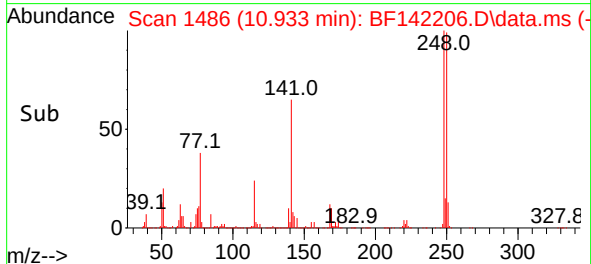


#67
4-Bromophenyl-phenylether
Concen: 80.915 ng
RT: 10.933 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Instrument :
BNA_F
ClientSampleId :

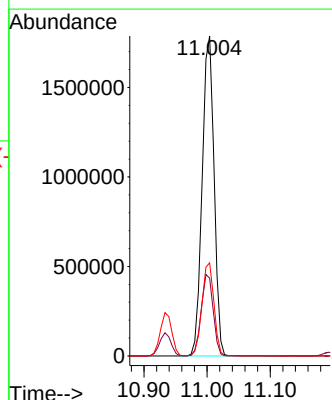
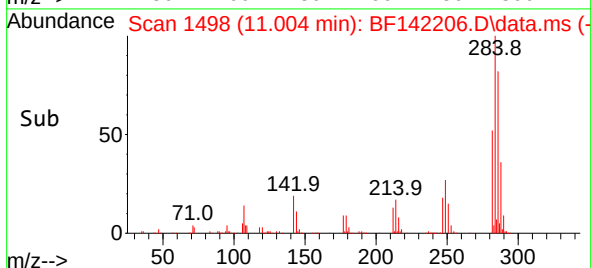
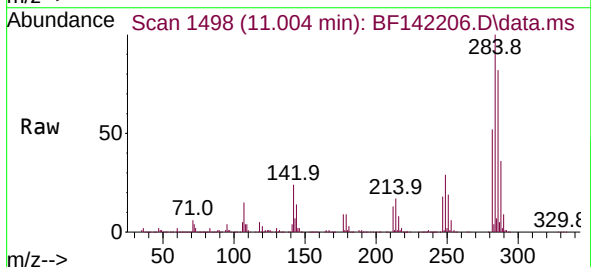


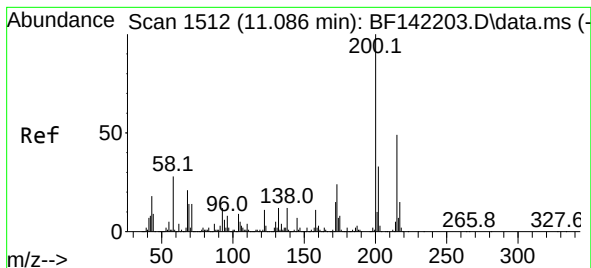
Tgt Ion:248 Resp: 2027719
Ion Ratio Lower Upper
248 100
250 98.6 78.8 118.2
141 64.7 50.6 75.8



#68
Hexachlorobenzene
Concen: 78.360 ng
RT: 11.004 min Scan# 1498
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:284 Resp: 2336851
Ion Ratio Lower Upper
284 100
142 24.3 20.7 31.1
249 29.1 22.8 34.2





#69

Atrazine

Concen: 34.167 ng

RT: 11.086 min Scan# 1512

Delta R.T. 0.000 min

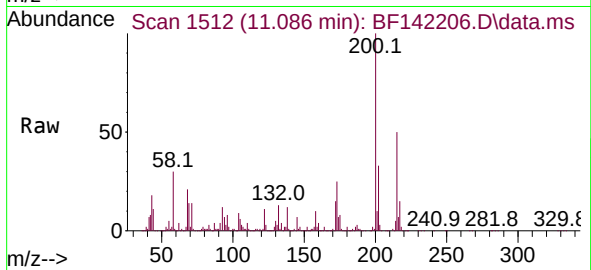
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

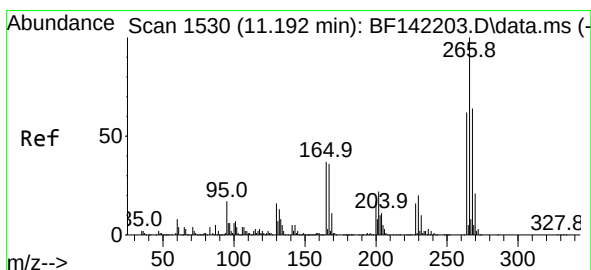
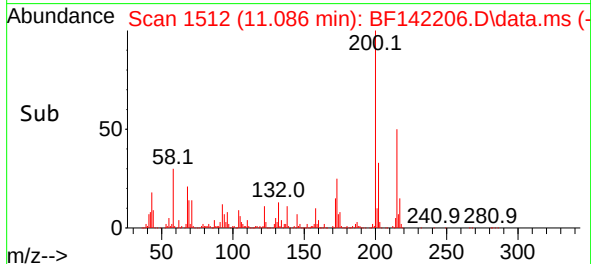
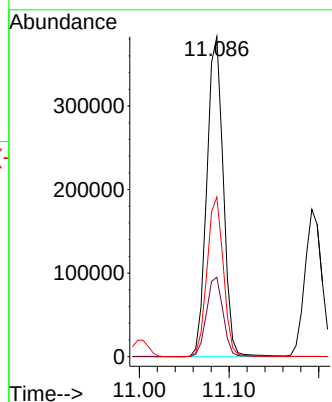
Instrument :

BNA_F

ClientSampleId :



Tgt Ion:	200	Resp:	486945
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.4	44.4
215	49.9	28.6	68.6



#70

Pentachlorophenol

Concen: 92.720 ng

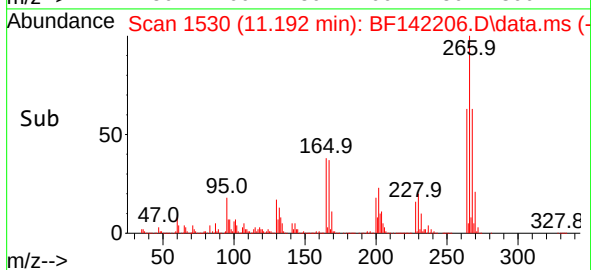
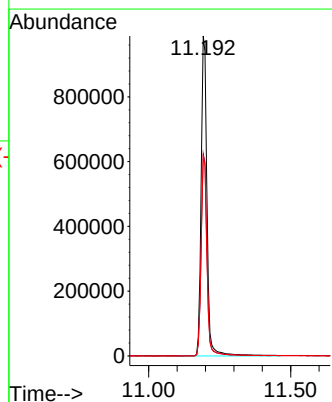
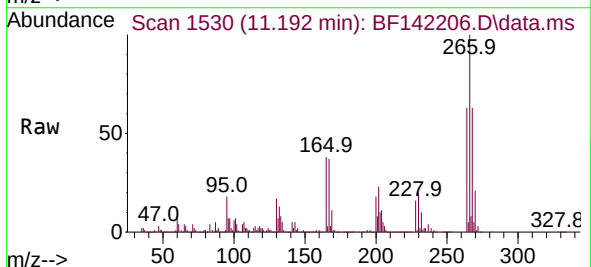
RT: 11.192 min Scan# 1530

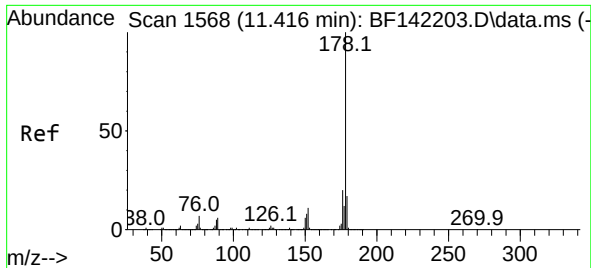
Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:	266	Resp:	1410593
Ion Ratio	Lower	Upper	
266	100		
268	63.2	50.9	76.3
264	62.9	49.4	74.2

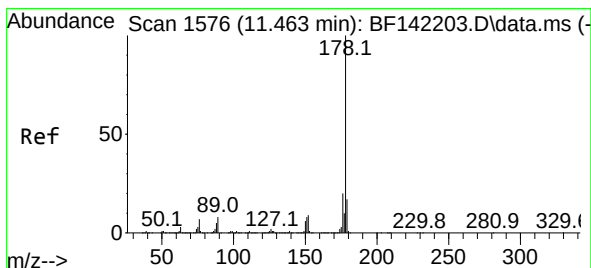
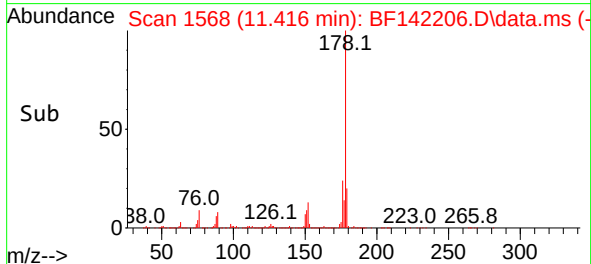
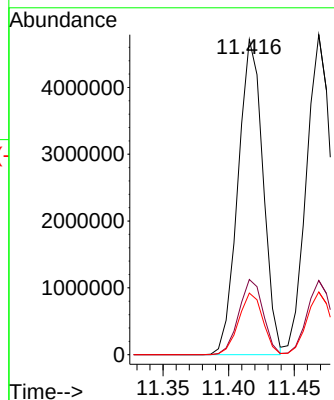
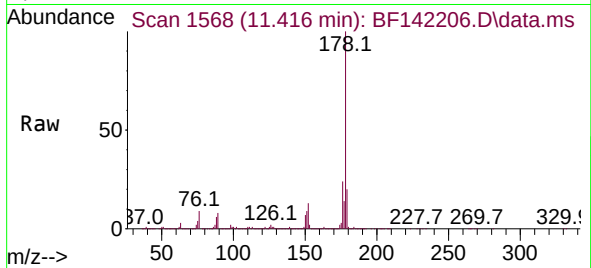




#71
Phenanthrene
Concen: 66.185 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

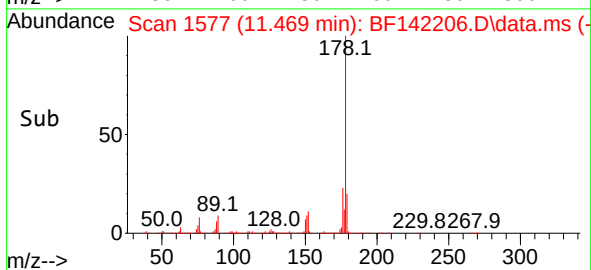
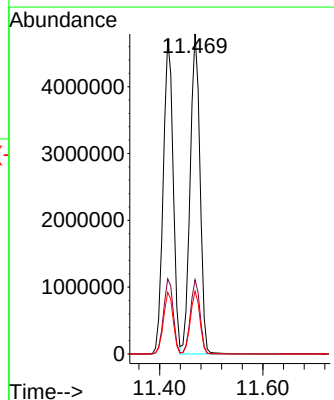
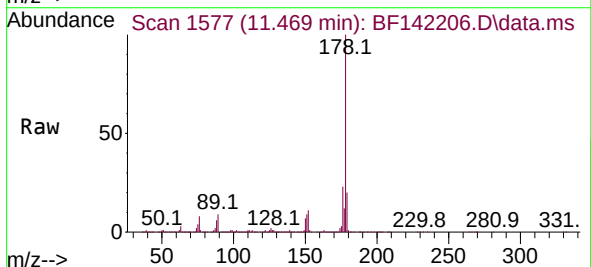
Instrument :
BNA_F
ClientSampleId :

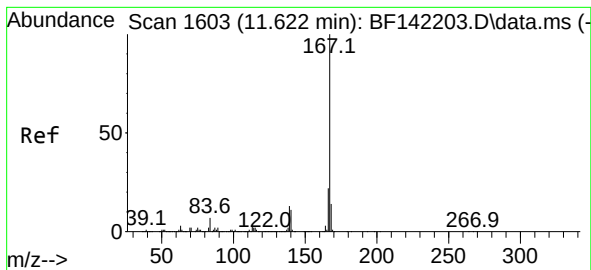
Tgt Ion:178 Resp: 6262872
Ion Ratio Lower Upper
178 100
176 23.9 16.3 24.5
179 19.6 13.3 19.9



#72
Anthracene
Concen: 66.899 ng
RT: 11.469 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:178 Resp: 6329668
Ion Ratio Lower Upper
178 100
176 23.2 15.6 23.4
179 19.6 13.4 20.0





#73

Carbazole

Concen: 67.714 ng

RT: 11.622 min Scan# 1603

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

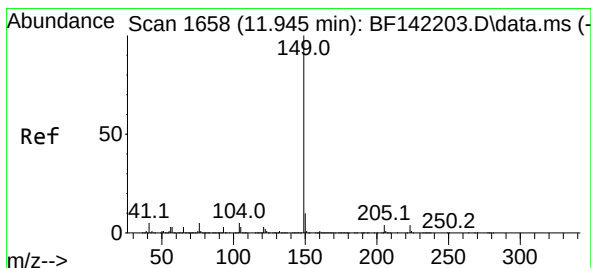
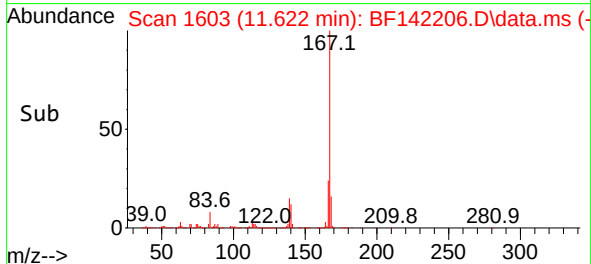
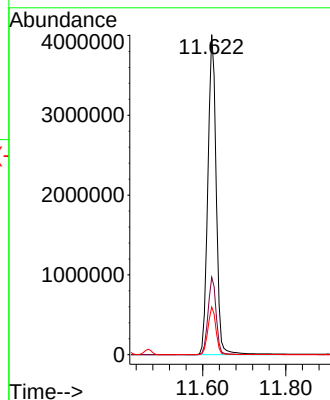
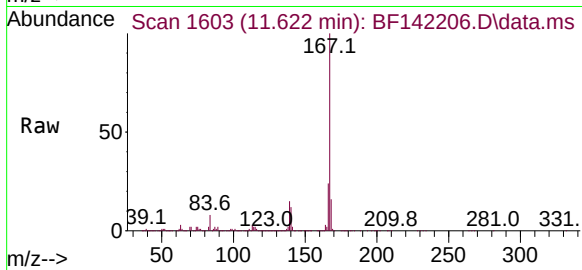
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:167 Resp: 5597174

Ion	Ratio	Lower	Upper
167	100		
166	24.2	17.4	26.2
139	14.9	10.7	16.1



#74

Di-n-butylphthalate

Concen: 67.669 ng

RT: 11.951 min Scan# 1659

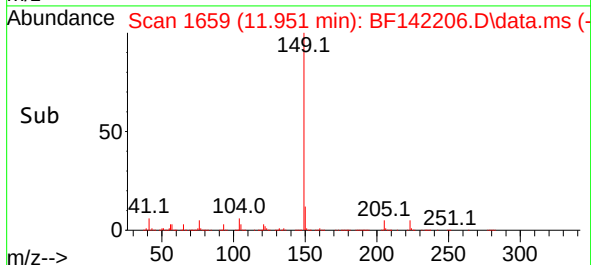
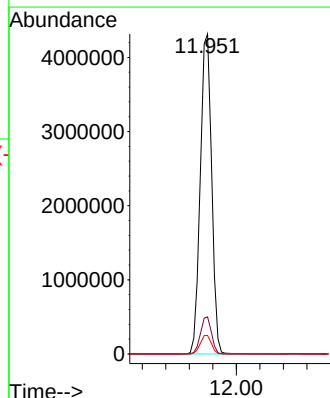
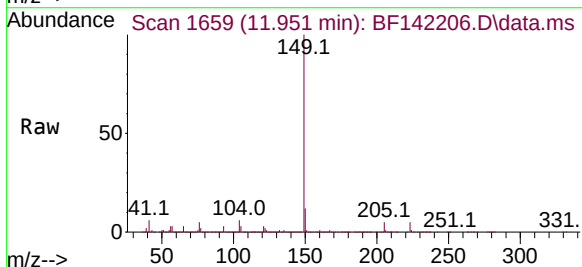
Delta R.T. 0.006 min

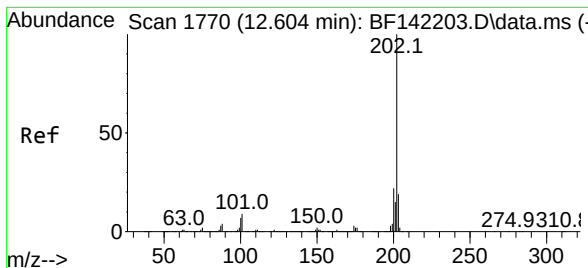
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:149 Resp: 5789320

Ion	Ratio	Lower	Upper
149	100		
150	11.6	7.9	11.9
104	5.8	4.0	6.0

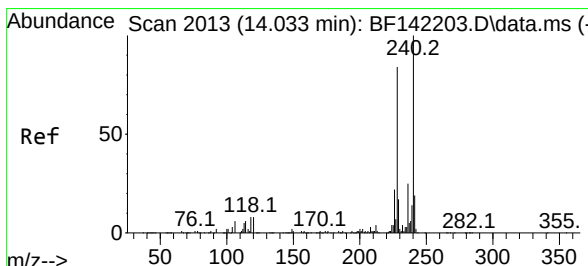
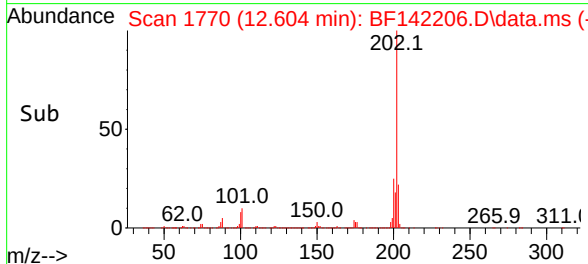
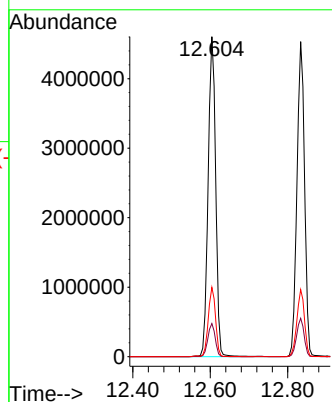
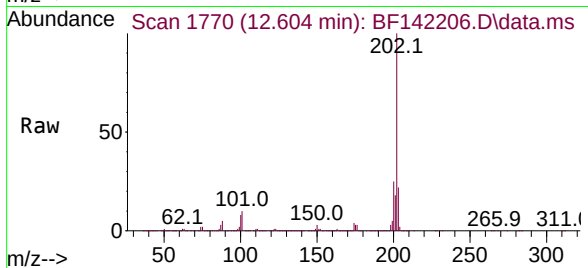




#75
Fluoranthene
Concen: 63.129 ng
RT: 12.604 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

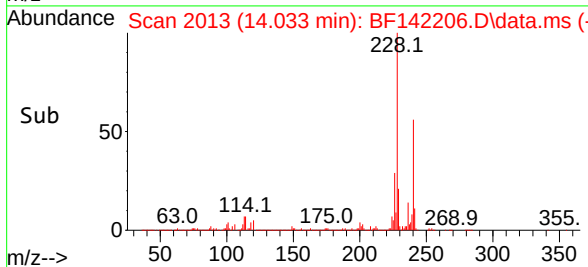
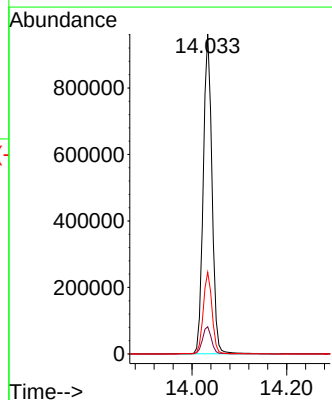
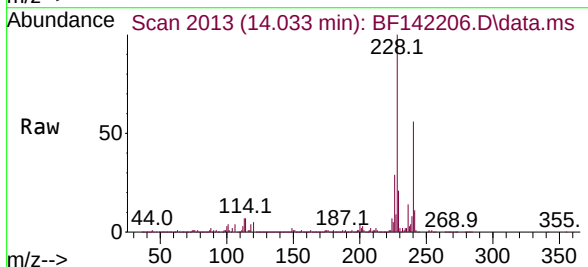
Instrument :
BNA_F
ClientSampleId :

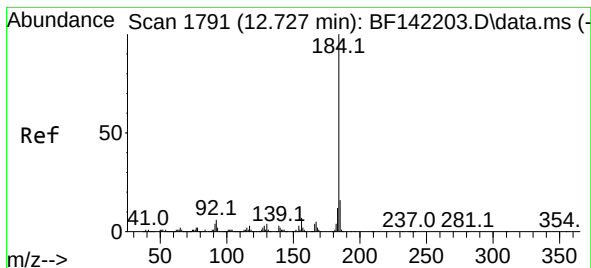
Tgt Ion:202 Resp: 6209391
Ion Ratio Lower Upper
202 100
101 10.4 0.0 28.9
203 21.6 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF142206.D
Acq: 21 Apr 2025 14:30

Tgt Ion:240 Resp: 1232558
Ion Ratio Lower Upper
240 100
120 8.5 7.1 10.7
236 25.5 20.2 30.2





#77

Benzidine

Concen: 75.444 ng

RT: 12.727 min Scan# 1791

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

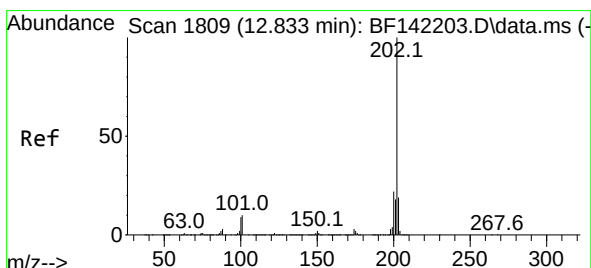
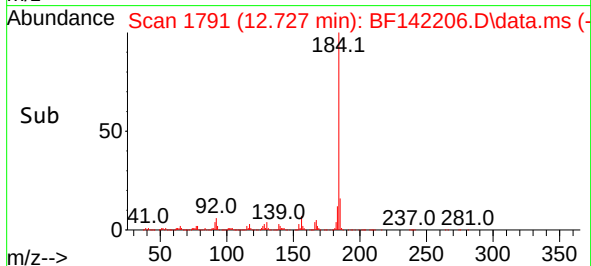
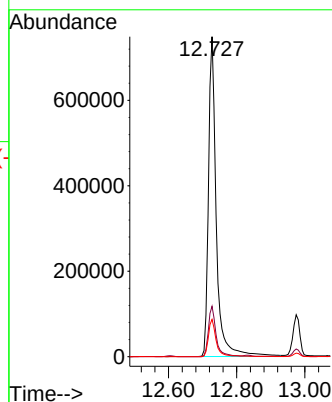
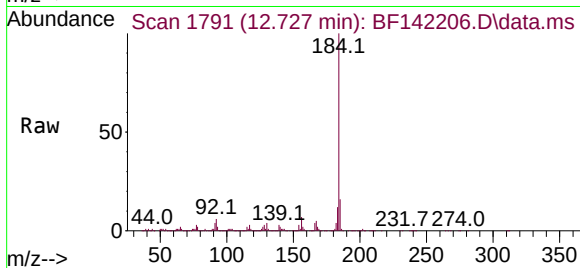
Tgt Ion:184 Resp: 1199999

Ion Ratio Lower Upper

184 100

185 15.8 13.0 19.6

183 11.7 9.6 14.4



#78

Pyrene

Concen: 63.228 ng

RT: 12.833 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

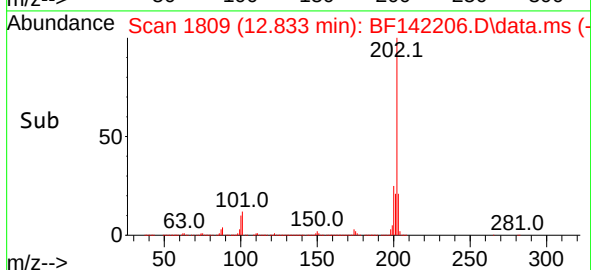
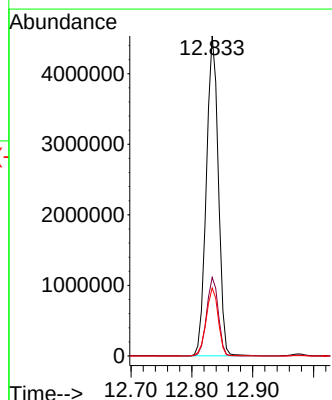
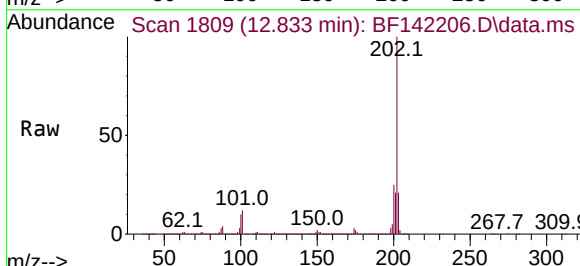
Tgt Ion:202 Resp: 6189539

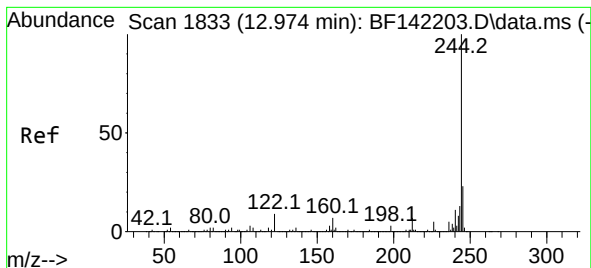
Ion Ratio Lower Upper

202 100

200 24.6 17.6 26.4

203 21.3 14.8 22.2





#79

Terphenyl-d14

Concen: 109.474 ng

RT: 12.974 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

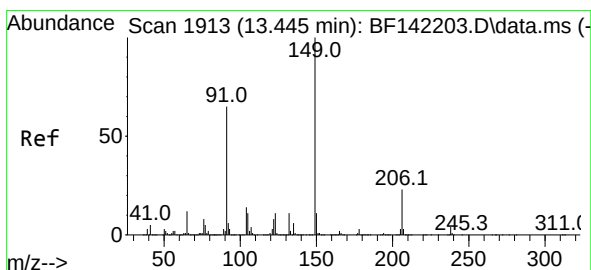
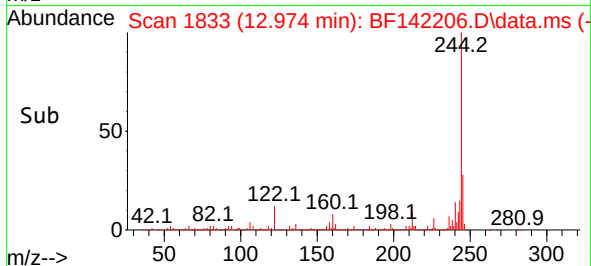
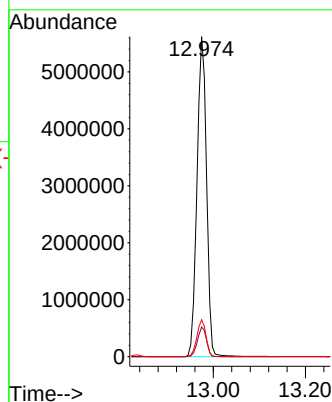
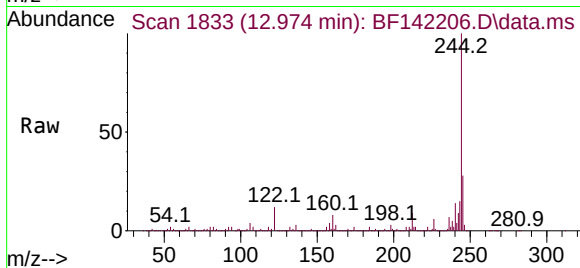
Tgt Ion:244 Resp: 8054228

Ion Ratio Lower Upper

244 100

212 9.3 5.9 8.9#

122 11.5 7.3 10.9#



#80

Butylbenzylphthalate

Concen: 91.317 ng

RT: 13.445 min Scan# 1913

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

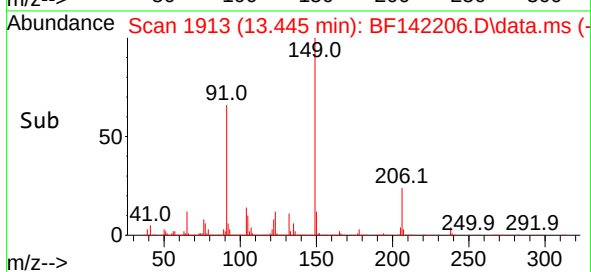
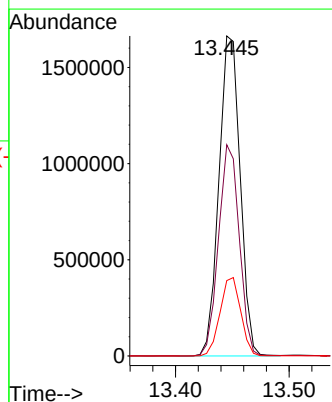
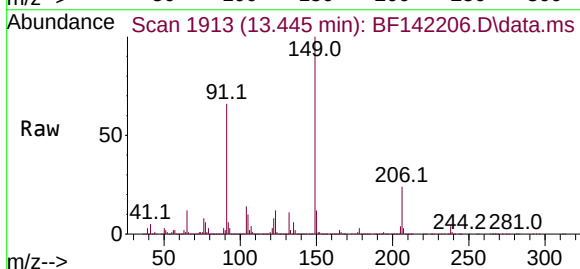
Tgt Ion:149 Resp: 2163691

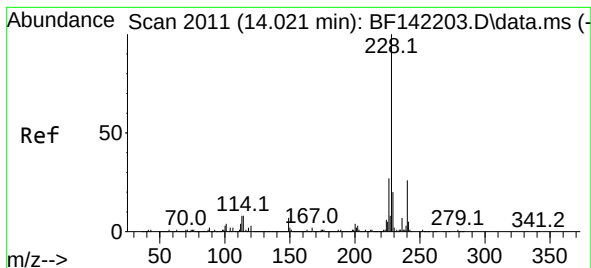
Ion Ratio Lower Upper

149 100

91 66.0 51.8 77.8

206 23.5 18.2 27.4





#81

Benzo(a)anthracene

Concen: 73.885 ng

RT: 14.021 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

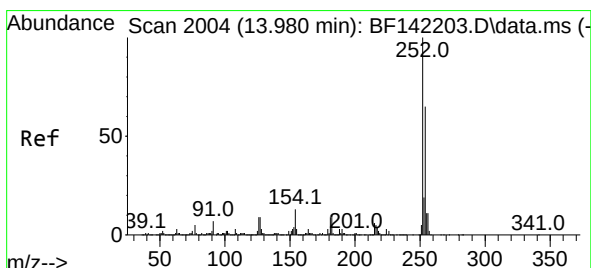
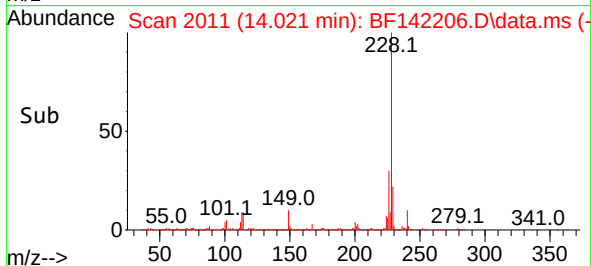
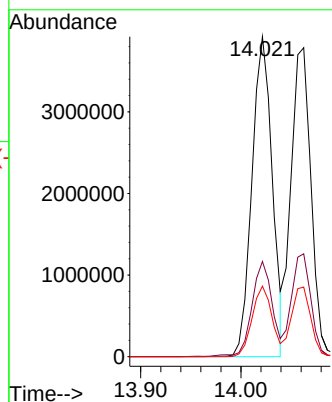
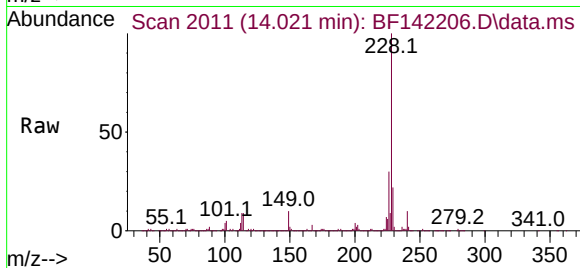
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228 Resp: 5515775

Ion	Ratio	Lower	Upper
228	100		
226	29.7	21.8	32.8
229	22.0	16.0	24.0



#82

3,3'-Dichlorobenzidine

Concen: 85.468 ng

RT: 13.986 min Scan# 2005

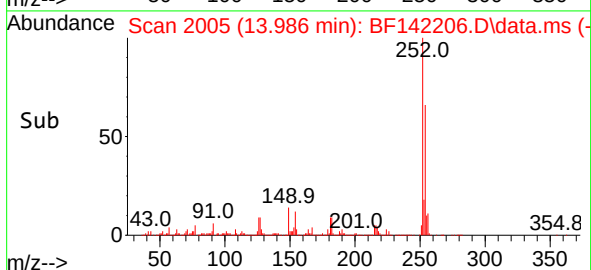
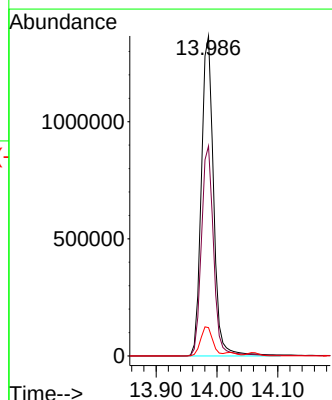
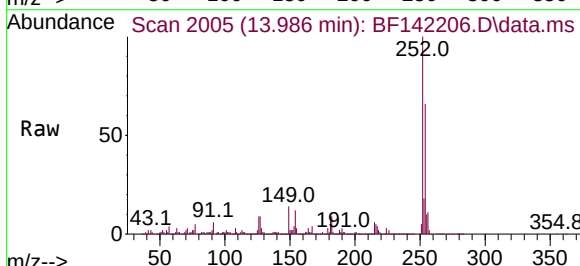
Delta R.T. 0.006 min

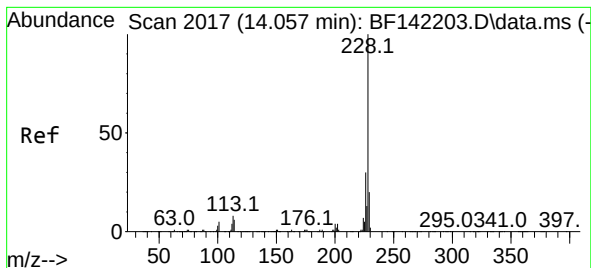
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:252 Resp: 1900009

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	8.8	7.4	11.0





#83

Chrysene

Concen: 73.681 ng

RT: 14.063 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

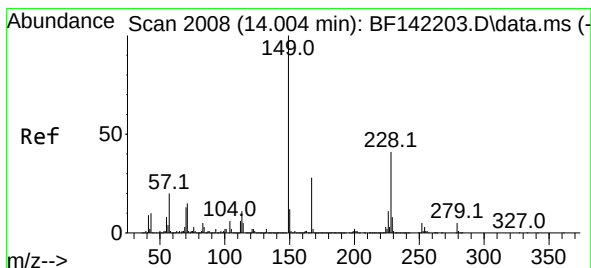
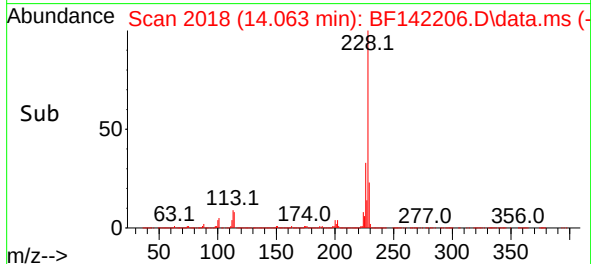
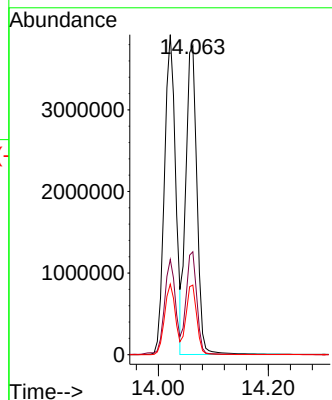
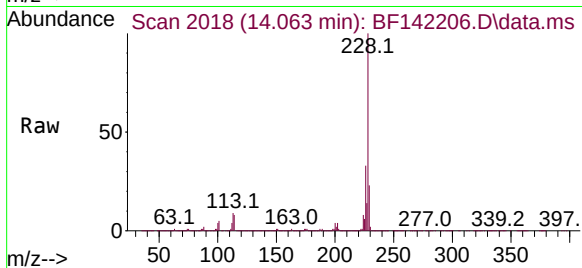
Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228 Resp: 5299728

Ion	Ratio	Lower	Upper
228	100		
226	33.3	23.9	35.9
229	22.5	16.2	24.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 96.680 ng

RT: 14.004 min Scan# 2008

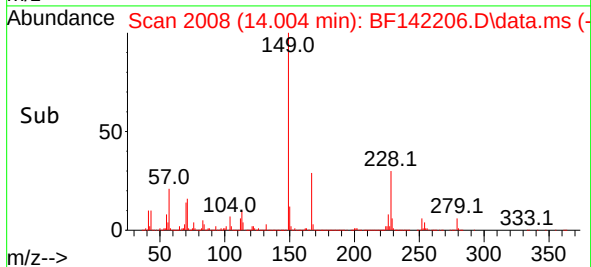
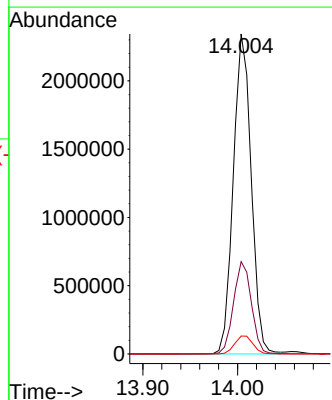
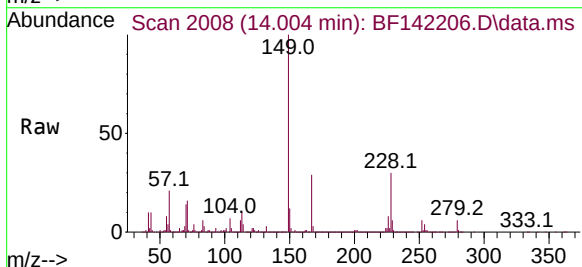
Delta R.T. 0.000 min

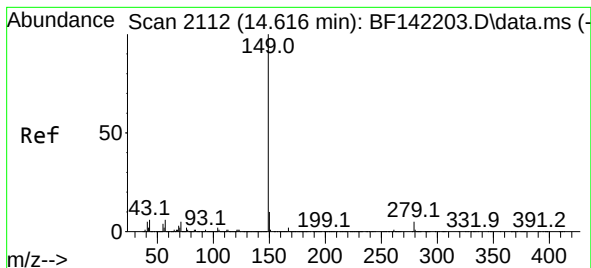
Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:149 Resp: 3064585

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.2	33.4
279	5.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 92.825 ng

RT: 14.621 min Scan# 2112

Delta R.T. 0.005 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

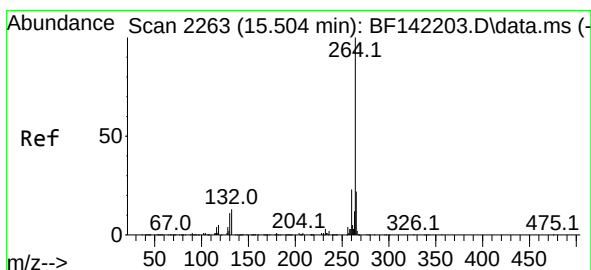
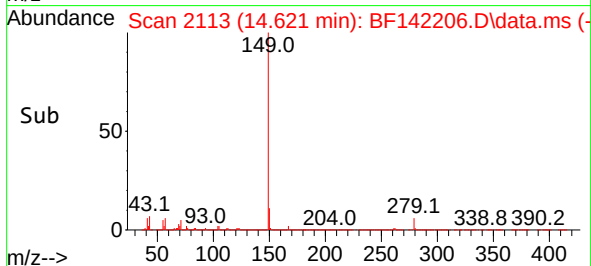
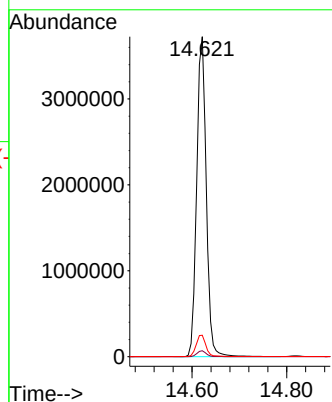
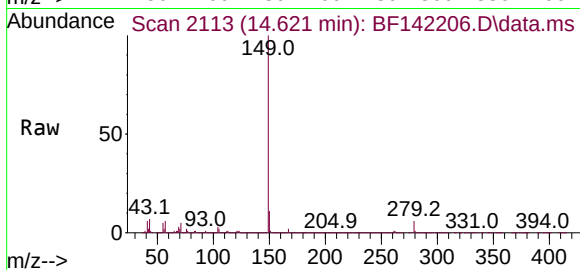
Tgt Ion:149 Resp: 5211413

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 6.9 5.3 7.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

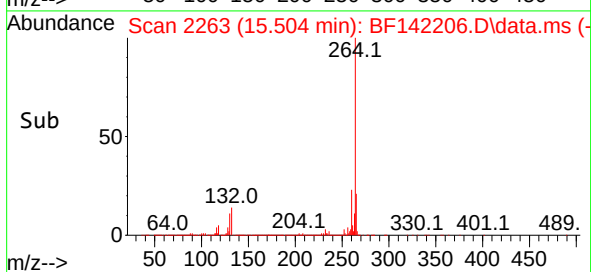
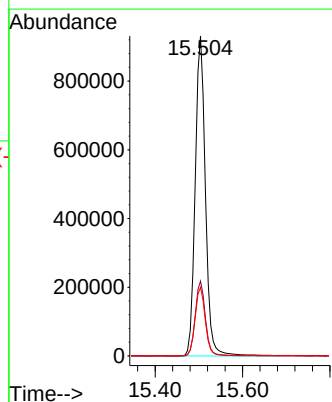
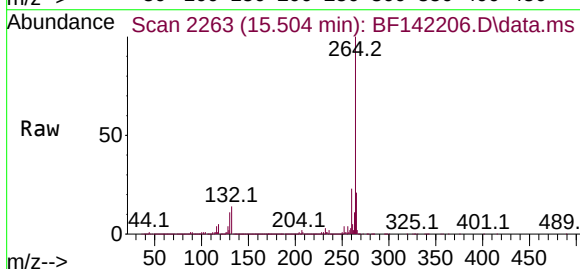
Tgt Ion:264 Resp: 1521000

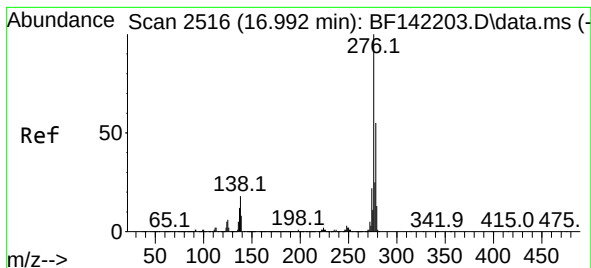
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 79.317 ng

RT: 17.004 min Scan# 2190

Delta R.T. 0.012 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

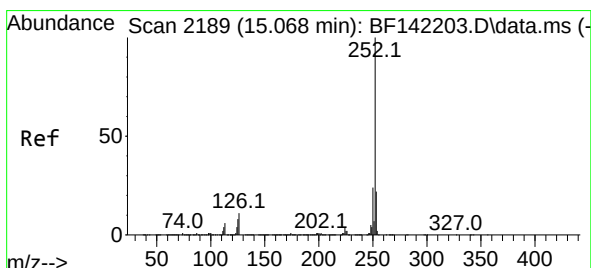
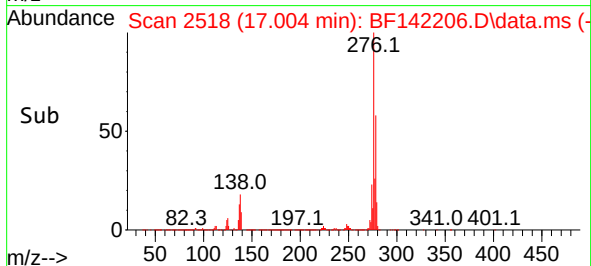
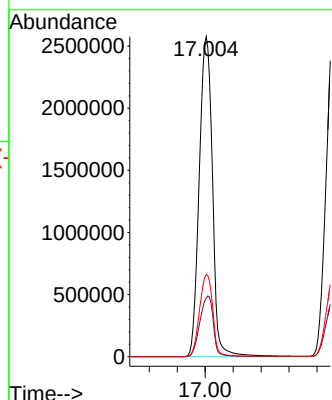
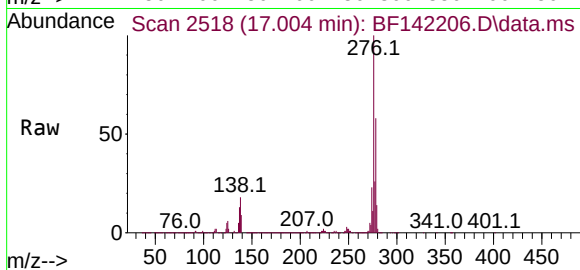
Tgt Ion:276 Resp: 8464335

Ion Ratio Lower Upper

276 100

138 19.4 15.1 22.7

277 25.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 80.580 ng

RT: 15.074 min Scan# 2190

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

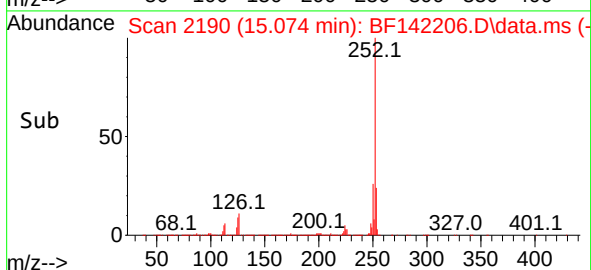
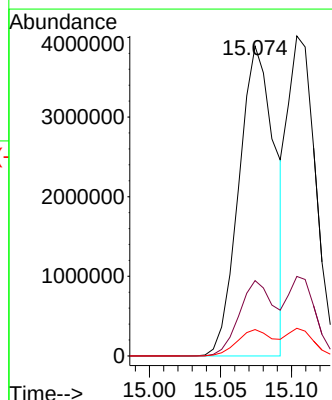
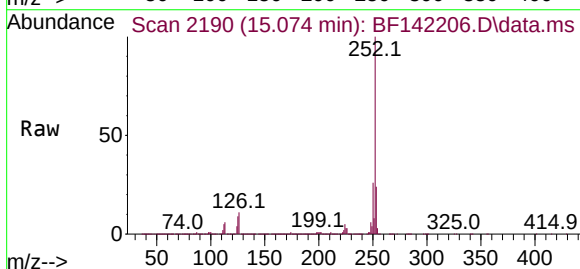
Tgt Ion:252 Resp: 6876106

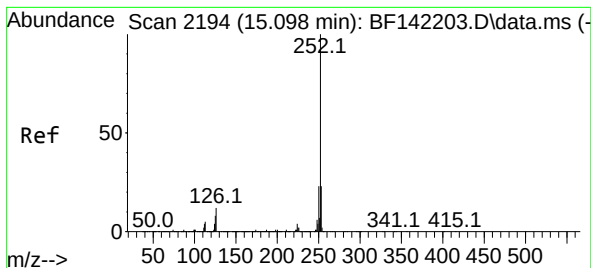
Ion Ratio Lower Upper

252 100

253 24.3 17.8 26.8

125 8.5 6.4 9.6





#89

Benzo(k)fluoranthene

Concen: 66.492 ng

RT: 15.104 min Scan# 2194

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNF

ClientSampleId :

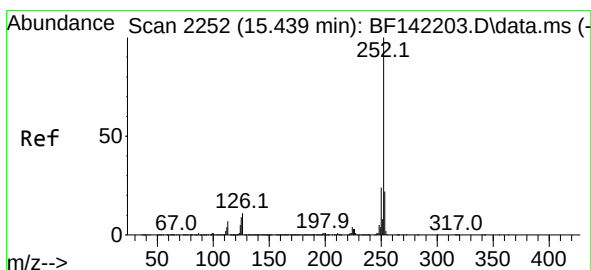
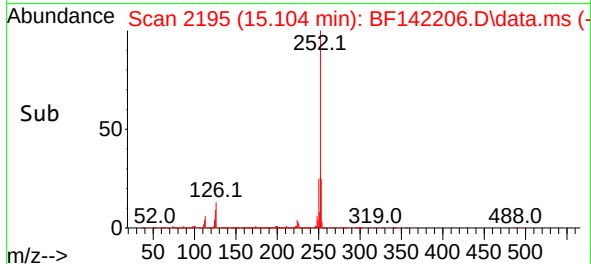
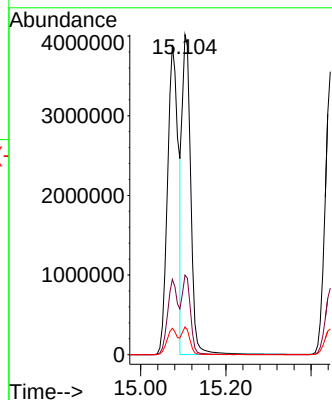
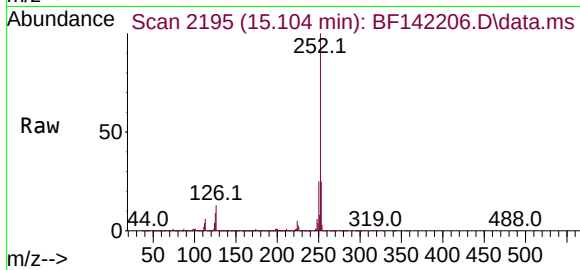
Tgt Ion:252 Resp: 5611620

Ion Ratio Lower Upper

252 100

253 24.8 17.9 26.9

125 8.7 6.6 10.0



#90

Benzo(a)pyrene

Concen: 77.024 ng

RT: 15.445 min Scan# 2253

Delta R.T. 0.006 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

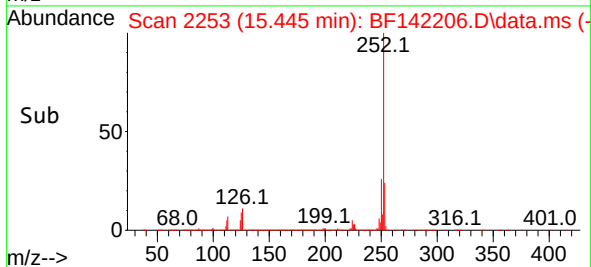
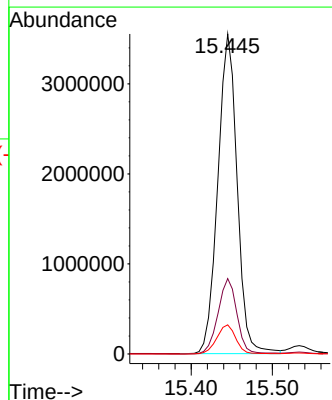
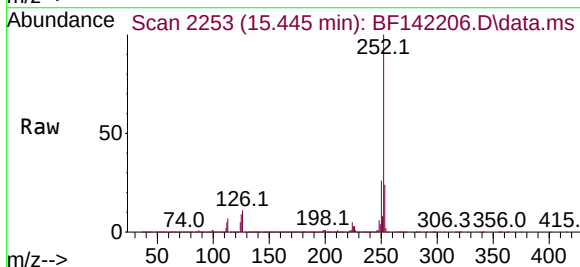
Tgt Ion:252 Resp: 5882159

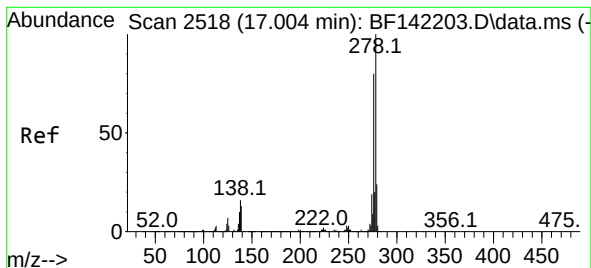
Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

125 9.1 7.1 10.7





#91

Dibenzo(a,h)anthracene

Concen: 78.381 ng

RT: 17.021 min Scan# 2518

Delta R.T. 0.018 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Instrument :

BNA_F

ClientSampleId :

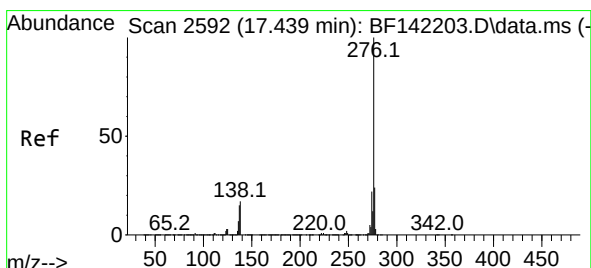
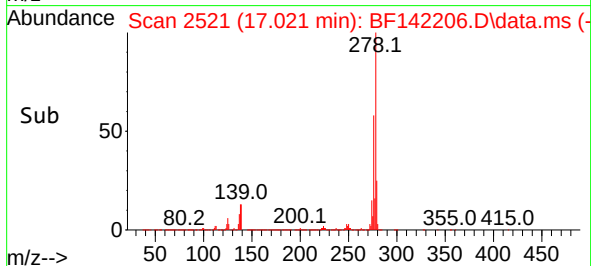
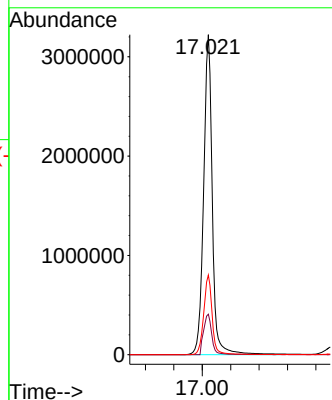
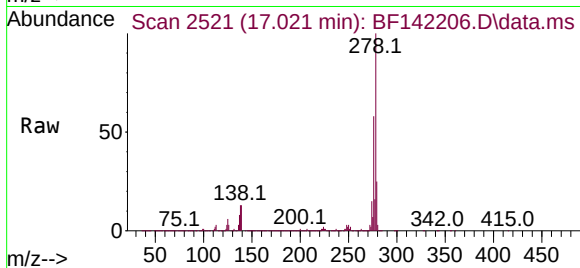
Tgt Ion:278 Resp: 6823194

Ion Ratio Lower Upper

278 100

139 12.7 10.2 15.4

279 24.9 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 79.016 ng

RT: 17.457 min Scan# 2595

Delta R.T. 0.018 min

Lab File: BF142206.D

Acq: 21 Apr 2025 14:30

Tgt Ion:276 Resp: 7164373

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 17.1 13.4 20.2

