

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141253.D
 Acq On : 23 Jan 2025 16:41
 Operator : RC/JU
 Sample : Q1156-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 281MS

Quant Time: Jan 23 17:04:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	145090	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	580675	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	306989	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	496857	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	304446	20.000	ng	0.00
86) Perylene-d12	15.445	264	345869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1143249	121.724	ng	0.00
7) Phenol-d6	6.440	99	1454510	122.257	ng	0.00
23) Nitrobenzene-d5	7.369	82	930322	84.927	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	475603	135.967	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1658335	82.490	ng	-0.01
79) Terphenyl-d14	12.922	244	1470650	71.797	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	177963	42.550	ng	97
3) Pyridine	3.334	79	458536	44.707	ng	95
4) n-Nitrosodimethylamine	3.281	42	238185	47.495	ng	97
6) Aniline	6.469	93	308660	29.222	ng	# 90
8) 2-Chlorophenol	6.593	128	531231	52.719	ng	95
9) Benzaldehyde	6.351	77	56102	8.007	ng	95
10) Phenol	6.451	94	641696	50.387	ng	95
11) bis(2-Chloroethyl)ether	6.540	93	476472	50.202	ng	97
12) 1,3-Dichlorobenzene	6.745	146	541444	48.177	ng	99
13) 1,4-Dichlorobenzene	6.822	146	548431	48.426	ng	100
14) 1,2-Dichlorobenzene	6.975	146	528738	50.051	ng	98
15) Benzyl Alcohol	6.945	79	454406	52.888	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	638371	48.200	ng	95
17) 2-Methylphenol	7.063	107	422145	51.891	ng	98
18) Hexachloroethane	7.316	117	202652	49.482	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	349108	49.814	ng	96
20) 3+4-Methylphenols	7.210	107	511797	49.866	ng	# 84
22) Acetophenone	7.216	105	677778	49.100	ng	97
24) Nitrobenzene	7.387	77	537679	47.096	ng	99
25) Isophorone	7.628	82	961263	51.348	ng	99
26) 2-Nitrophenol	7.704	139	284237	54.731	ng	99
27) 2,4-Dimethylphenol	7.740	122	427291	60.998	ng	98
28) bis(2-Chloroethoxy)met...	7.840	93	580904	49.444	ng	100
29) 2,4-Dichlorophenol	7.945	162	434194	52.189	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	454010	47.742	ng	99
31) Naphthalene	8.110	128	1513953	49.439	ng	100
32) Benzoic acid	7.863	122	341391	50.804	ng	99
33) 4-Chloroaniline	8.157	127	163448	15.434	ng	99
34) Hexachlorobutadiene	8.228	225	279583	48.792	ng	100
35) Caprolactam	8.528	113	103990	38.178	ng	97
36) 4-Chloro-3-methylphenol	8.645	107	476500	52.370	ng	99
37) 2-Methylnaphthalene	8.804	142	996244	51.054	ng	99
38) 1-Methylnaphthalene	8.904	142	927989	48.254	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	466479	52.942	ng	99
41) Hexachlorocyclopentadiene	8.957	237	456290	158.285	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	329229	55.401	ng	100

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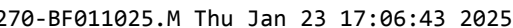
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Quant Time: Jan 23 17:04:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	318751	50.788	ng	98
46) 1,1'-Biphenyl	9.269	154	1222614	51.282	ng	99
47) 2-Chloronaphthalene	9.292	162	926015	49.869	ng	99
48) 2-Nitroaniline	9.386	65	291591	52.974	ng	99
49) Acenaphthylene	9.710	152	1453791	54.799	ng	100
50) Dimethylphthalate	9.575	163	1099191	53.334	ng	100
51) 2,6-Dinitrotoluene	9.634	165	248078	51.762	ng	99
52) Acenaphthene	9.881	154	1069739	57.715	ng	99
53) 3-Nitroaniline	9.798	138	154535	31.730	ng	99
54) 2,4-Dinitrophenol	9.910	184	264589	116.148	ng	96
55) Dibenzofuran	10.051	168	1306652	51.829	ng	99
56) 4-Nitrophenol	9.963	139	408858	107.192	ng	96
57) 2,4-Dinitrotoluene	10.039	165	336474	54.477	ng	97
58) Fluorene	10.398	166	1013578	51.749	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	282252	54.104	ng	99
60) Diethylphthalate	10.275	149	1060704	52.719	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	489635	51.291	ng	97
62) 4-Nitroaniline	10.416	138	241852	50.737	ng	98
63) Azobenzene	10.551	77	1171771	59.023	ng	93
65) 4,6-Dinitro-2-methylph...	10.445	198	179078	62.198	ng	96
66) n-Nitrosodiphenylamine	10.510	169	884185	55.172	ng	98
67) 4-Bromophenyl-phenylether	10.881	248	323066	56.477	ng	98
68) Hexachlorobenzene	10.945	284	350304	55.012	ng	97
69) Atrazine	11.039	200	298228	69.113	ng	99
70) Pentachlorophenol	11.139	266	422871	103.697	ng	99
71) Phenanthrene	11.357	178	1496565	56.104	ng	100
72) Anthracene	11.410	178	1486707	57.320	ng	100
73) Carbazole	11.569	167	1234100	51.891	ng	100
74) Di-n-butylphthalate	11.898	149	1514247	55.636	ng	100
75) Fluoranthene	12.551	202	2226607	83.648	ng	99
77) Benzidine	12.669	184	357790	63.373	ng	99
78) Pyrene	12.780	202	2148324	73.880	ng	99
80) Butylbenzylphthalate	13.398	149	508935	52.495	ng	97
81) Benzo(a)anthracene	13.969	228	1414433	68.266	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	222449	33.718	ng	99
83) Chrysene	14.010	228	1351394	69.707	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	621180	53.400	ng	99
85) Di-n-octyl phthalate	14.586	149	1112279	63.320	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1179803	46.560	ng	98
88) Benzo(b)fluoranthene	15.021	252	1410623	63.249	ng	100
89) Benzo(k)fluoranthene	15.051	252	1073422	56.952	ng	100
90) Benzo(a)pyrene	15.386	252	1182004	64.236	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	942045	45.965	ng	98
92) Benzo(g,h,i)perylene	17.339	276	853512	40.038	ng	98

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

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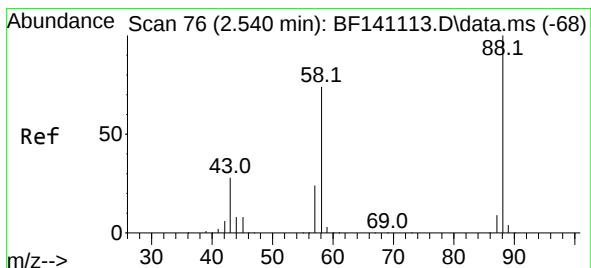
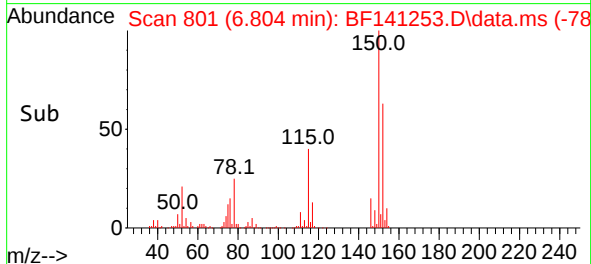
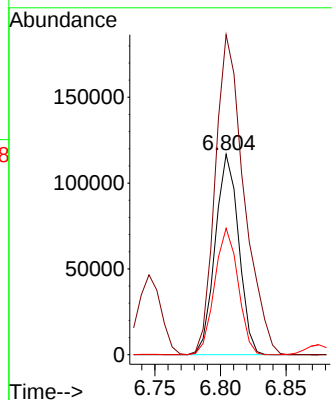
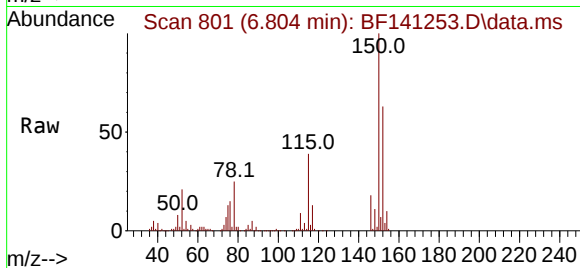




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

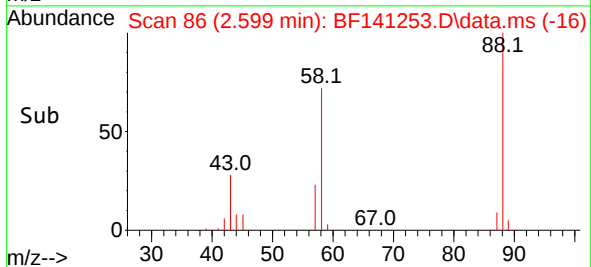
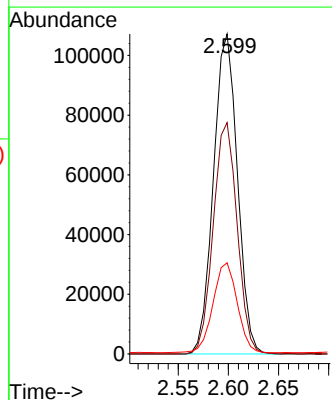
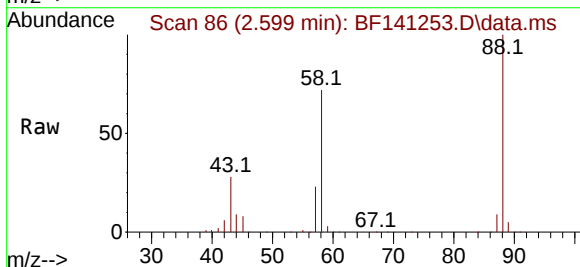
Instrument :
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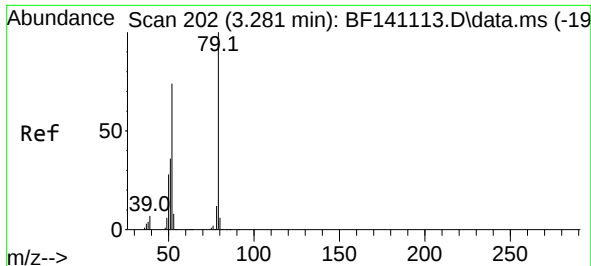
Tgt Ion:152 Resp: 145090
 Ion Ratio Lower Upper
 152 100
 150 159.8 125.8 188.8
 115 63.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 42.550 ng
 RT: 2.599 min Scan# 86
 Delta R.T. 0.059 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

Tgt Ion: 88 Resp: 177963
 Ion Ratio Lower Upper
 88 100
 58 72.2 60.1 90.1
 43 28.5 23.1 34.7

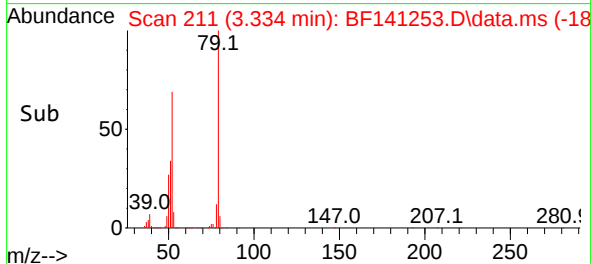
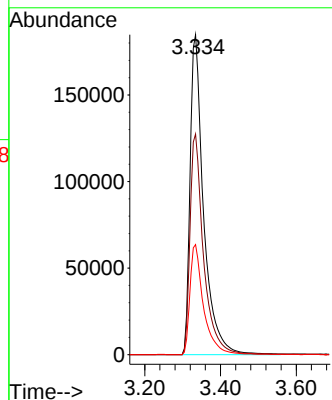
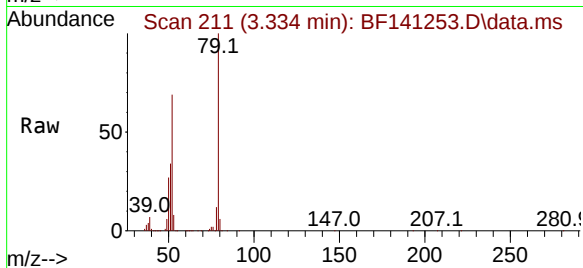




#3
 Pyridine
 Concen: 44.707 ng
 RT: 3.334 min Scan# 211
 Delta R.T. 0.053 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

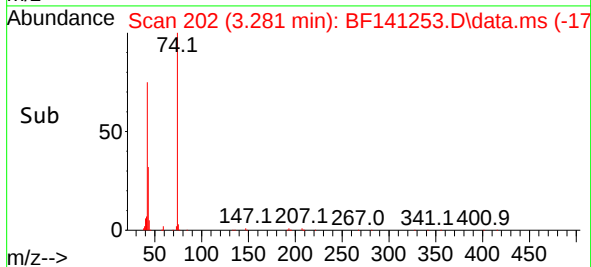
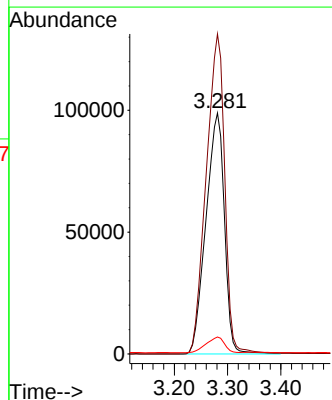
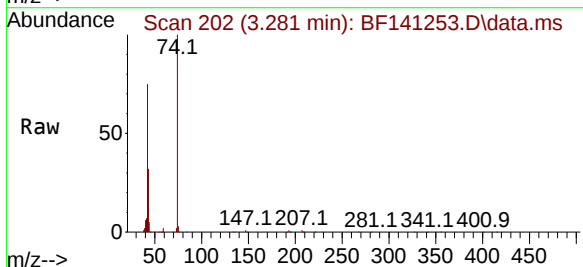
Instrument :
 BNA_F
 ClientSampleId :
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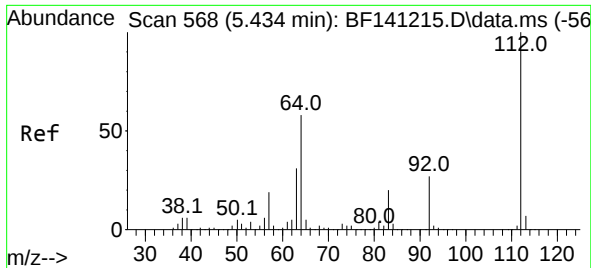
Tgt Ion: 79 Resp: 458536
 Ion Ratio Lower Upper
 79 100
 52 69.0 58.9 88.3
 51 34.4 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 47.495 ng
 RT: 3.281 min Scan# 202
 Delta R.T. 0.053 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

Tgt Ion: 42 Resp: 238185
 Ion Ratio Lower Upper
 42 100
 74 132.8 103.8 155.6
 44 7.0 5.3 7.9

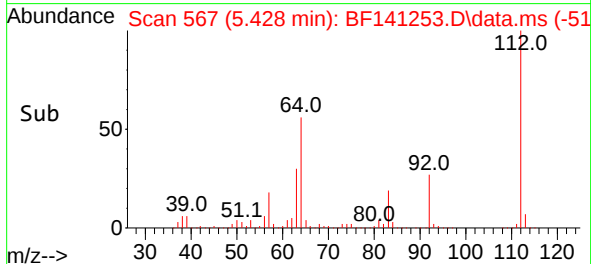
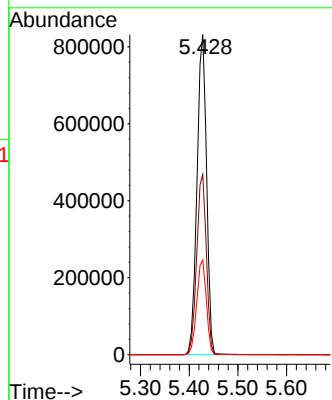
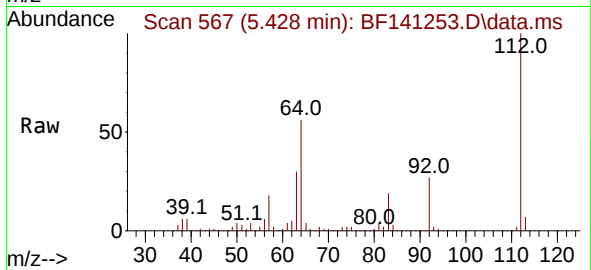




#5
2-Fluorophenol
Concen: 121.724 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

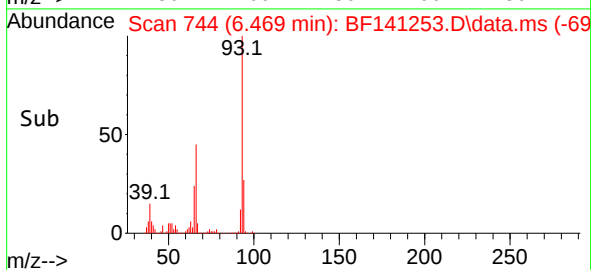
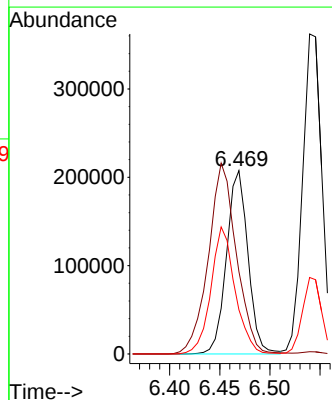
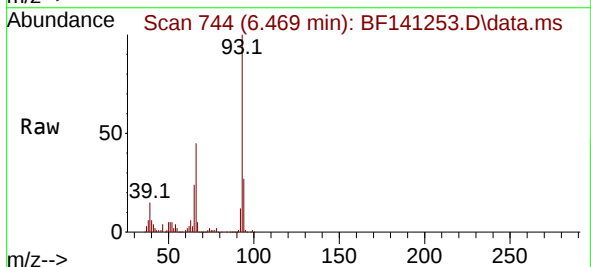
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:112 Resp: 1143249
Ion Ratio Lower Upper
112 100
64 56.3 47.3 70.9
63 29.6 24.2 36.2



#6
Aniline
Concen: 29.222 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion: 93 Resp: 308660
Ion Ratio Lower Upper
93 100
66 45.0 31.5 47.3
65 24.1 15.3 22.9#



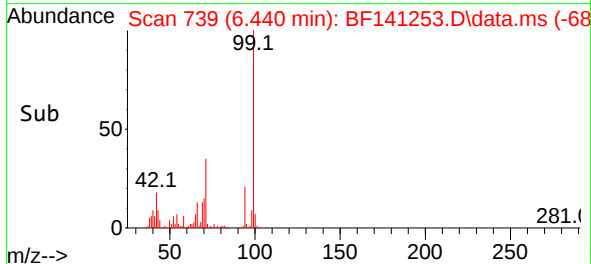
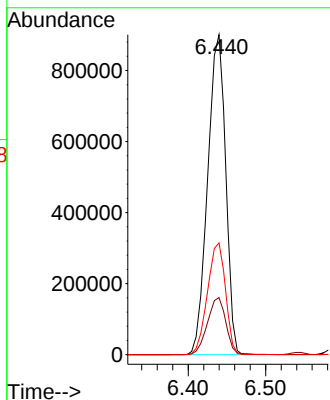
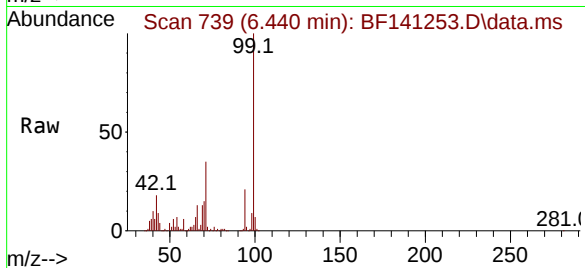


#7
Phenol-d6
Concen: 122.257 ng
RT: 6.440 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Instrument :
BNA_F
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Tgt Ion: 99 Resp: 1454510

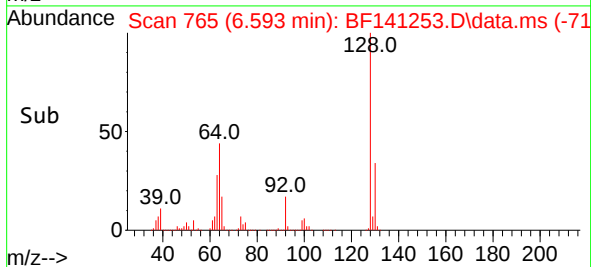
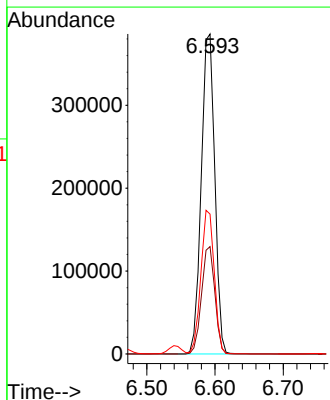
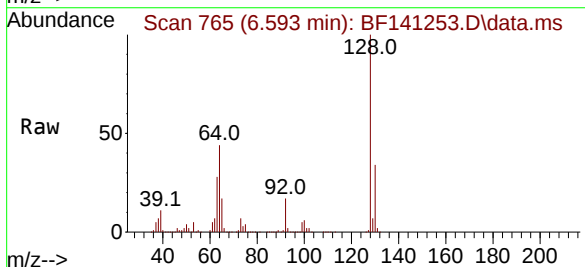
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.0	22.4
71	35.0	27.6	41.4



#8
2-Chlorophenol
Concen: 52.719 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion: 128 Resp: 531231

Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.5	52.5
64	43.7	28.3	68.3





#9

Benzaldehyde

Concen: 8.007 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

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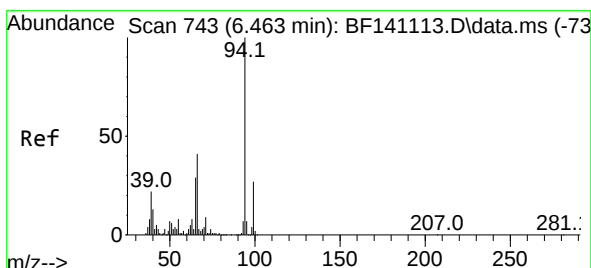
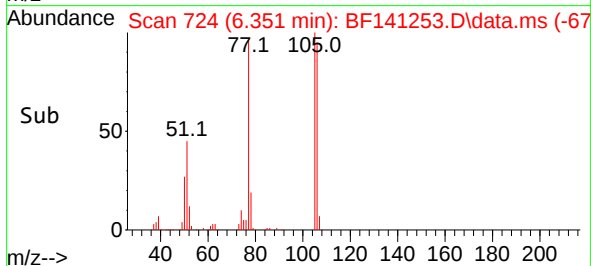
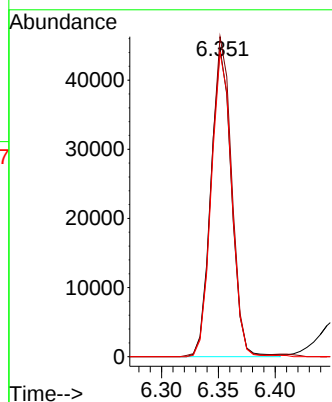
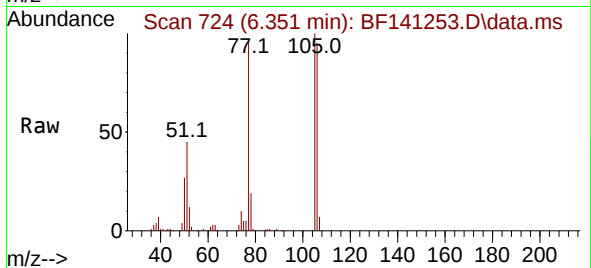
Tgt Ion: 77 Resp: 56102

Ion Ratio Lower Upper

77 100

105 103.8 78.9 118.9

106 98.8 73.6 113.6



#10

Phenol

Concen: 50.387 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

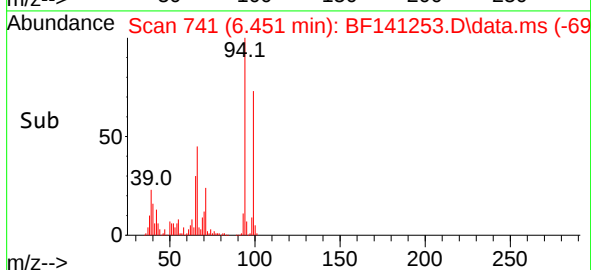
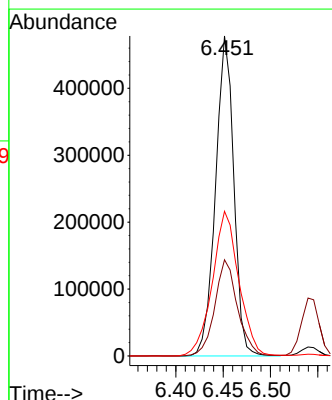
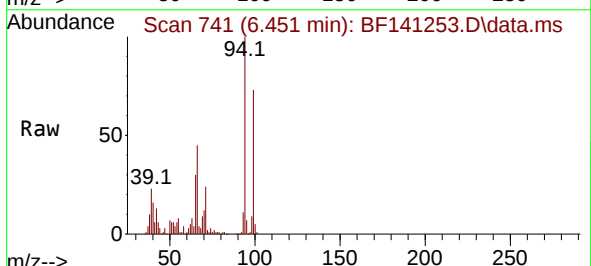
Tgt Ion: 94 Resp: 641696

Ion Ratio Lower Upper

94 100

65 30.1 8.9 48.9

66 45.2 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 50.202 ng

RT: 6.540 min Scan# 710

Delta R.T. -0.018 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

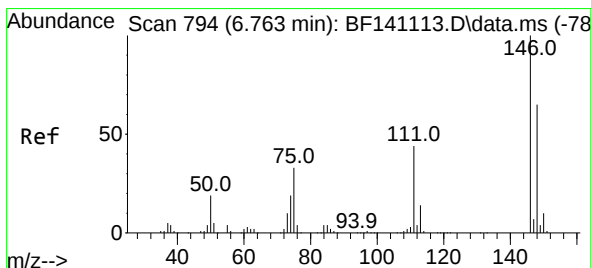
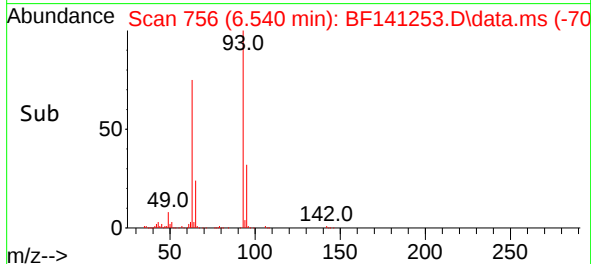
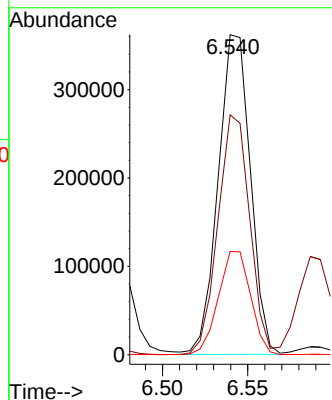
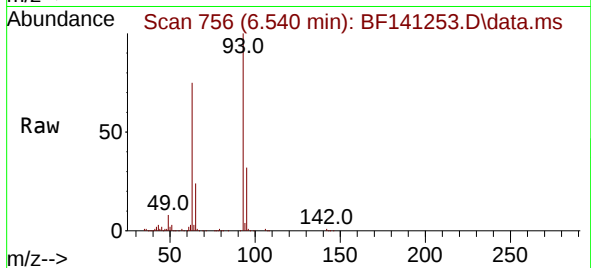
BNA_F

ClientSampleId :

281MS

Tgt Ion: 93 Resp: 476472

Ion	Ratio	Lower	Upper
93	100		
63	74.9	58.0	98.0
95	32.3	12.5	52.5



#12

1,3-Dichlorobenzene

Concen: 48.177 ng

RT: 6.745 min Scan# 791

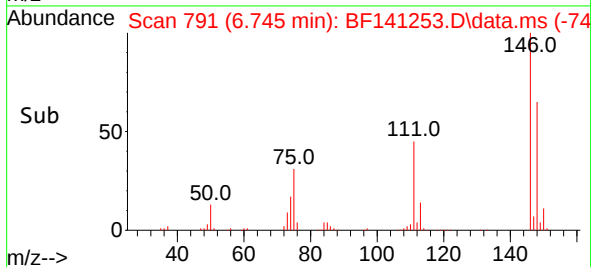
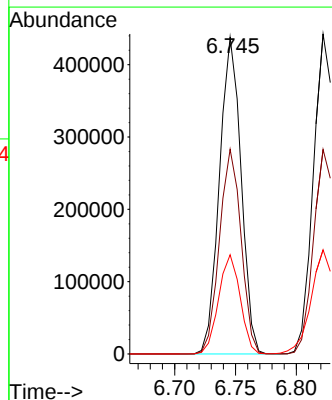
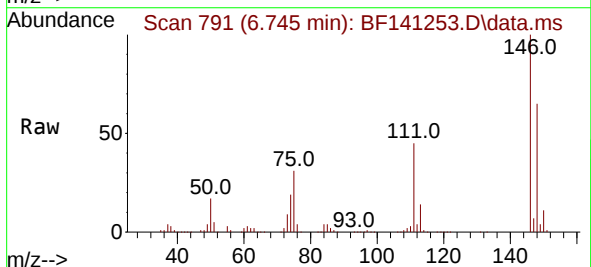
Delta R.T. -0.018 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Tgt Ion:146 Resp: 541444

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
75	31.3	26.2	39.2

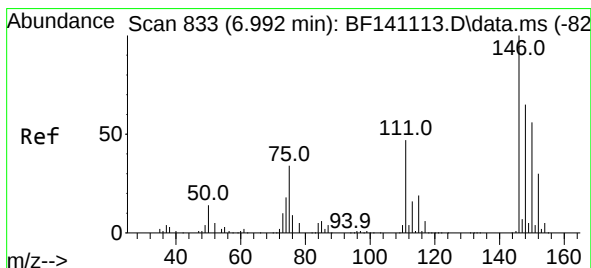
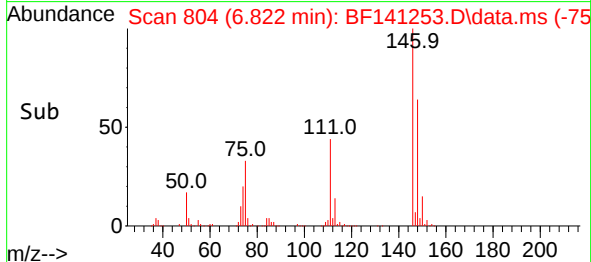
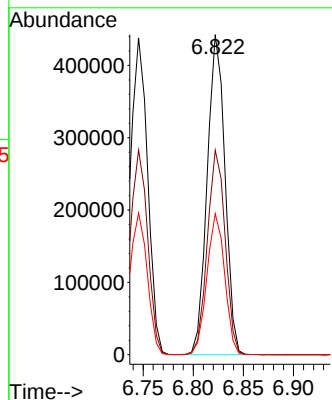
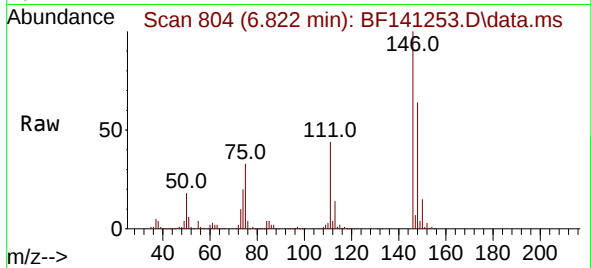




#13
1,4-Dichlorobenzene
Concen: 48.426 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

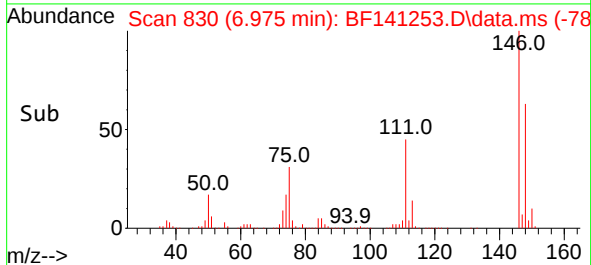
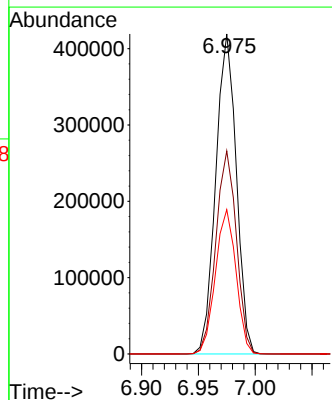
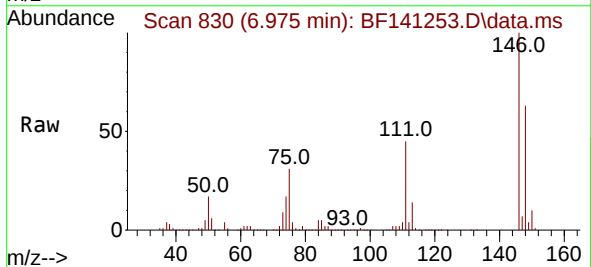
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:146 Resp: 548431
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 44.1 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.051 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:146 Resp: 528738
Ion Ratio Lower Upper
146 100
148 63.5 52.2 78.4
111 45.1 37.5 56.3

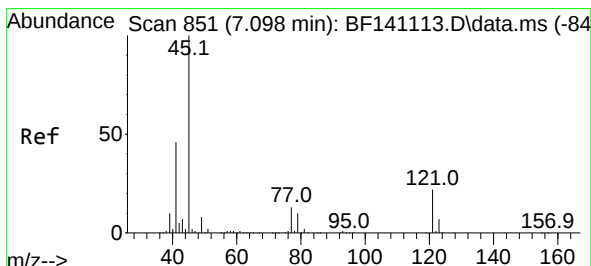
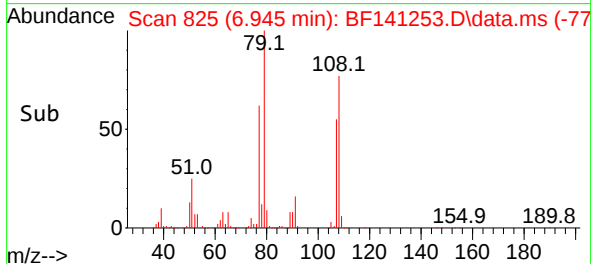
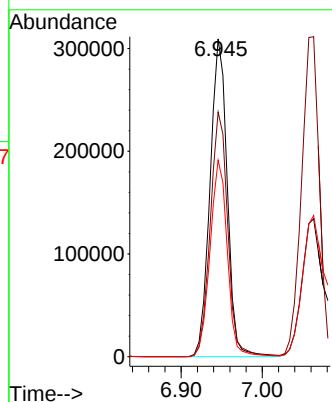
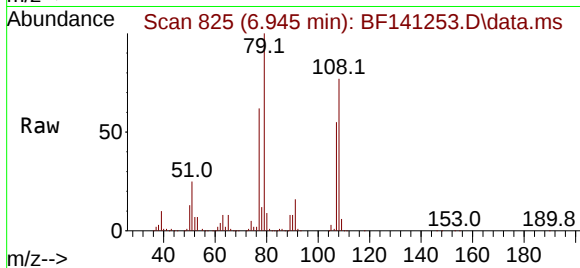




#15
Benzyl Alcohol
Concen: 52.888 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

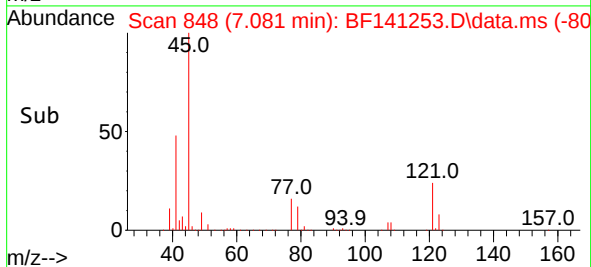
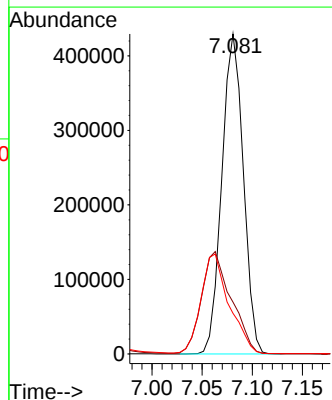
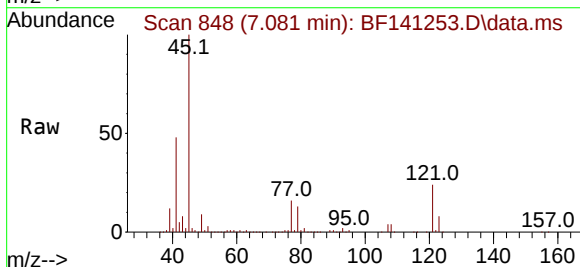
Instrument :
BNA_F
ClientSampleId :
281MS

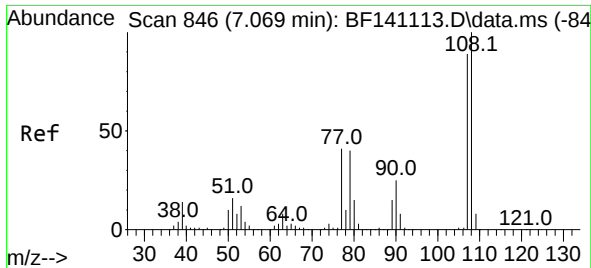
Tgt Ion: 79 Resp: 454406
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.0
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.200 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion: 45 Resp: 638371
Ion Ratio Lower Upper
45 100
77 16.2 0.0 34.1
79 12.7 0.0 31.0

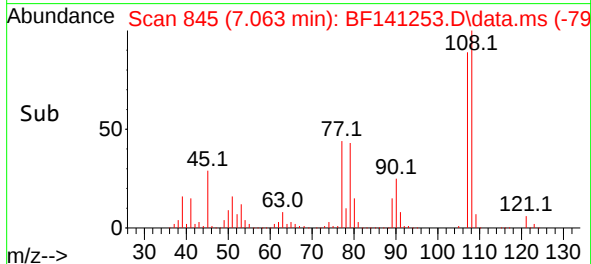
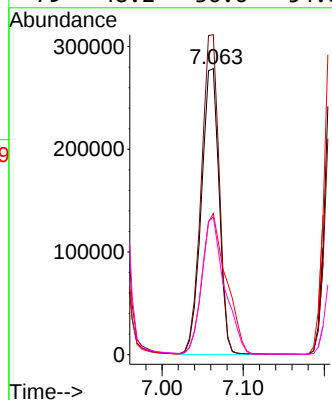
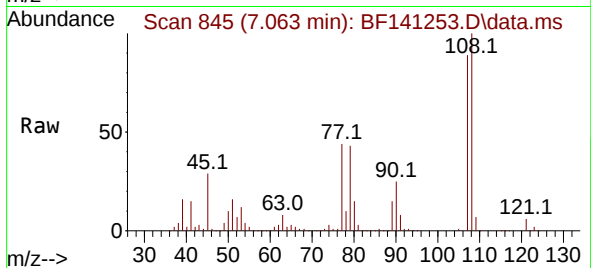




#17
2-Methylphenol
Concen: 51.891 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

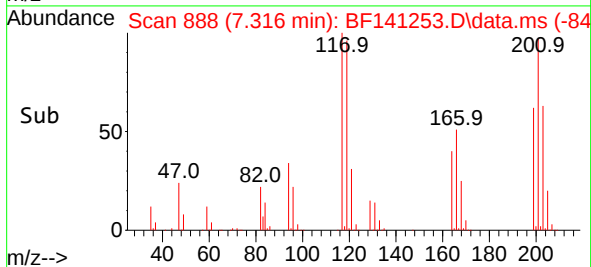
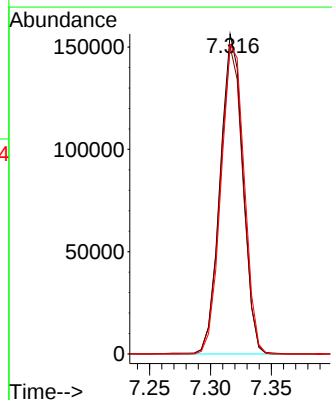
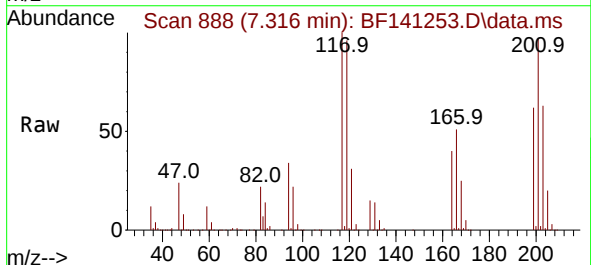
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:	107	Resp:	422145
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.1	135.1
77	49.4	36.6	55.0
79	48.2	36.6	54.8



#18
Hexachloroethane
Concen: 49.482 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:	117	Resp:	202652
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.6	116.4
201	96.7	75.1	112.7

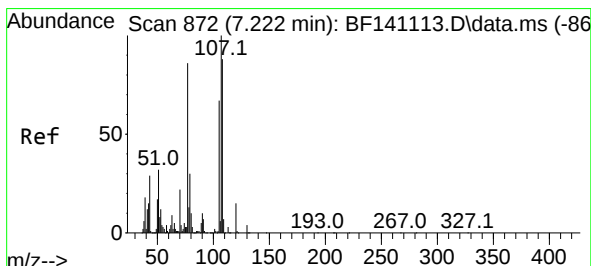
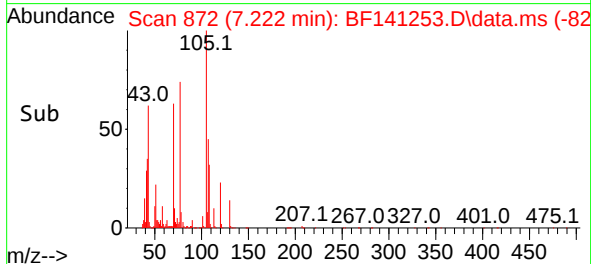
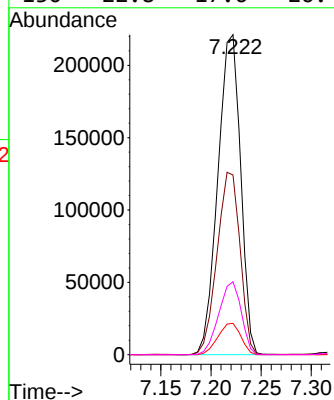
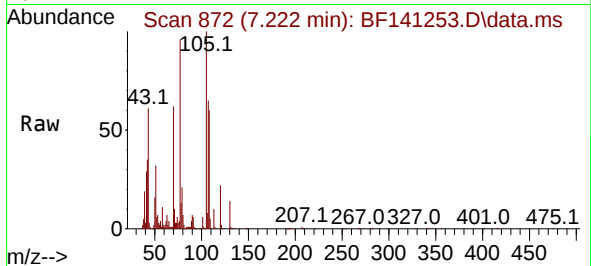




#19
n-Nitroso-di-n-propylamine
Concen: 49.814 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

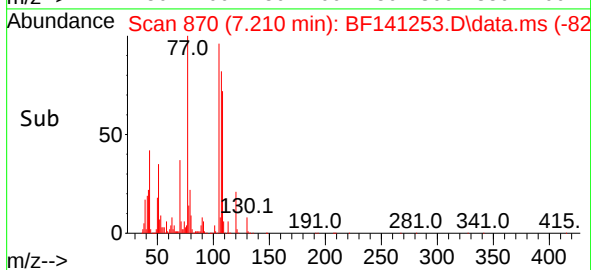
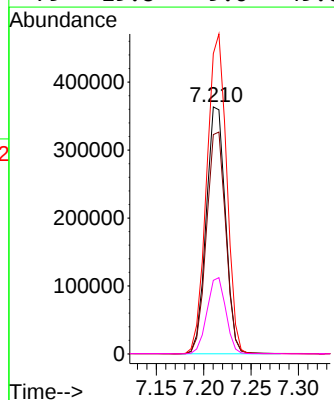
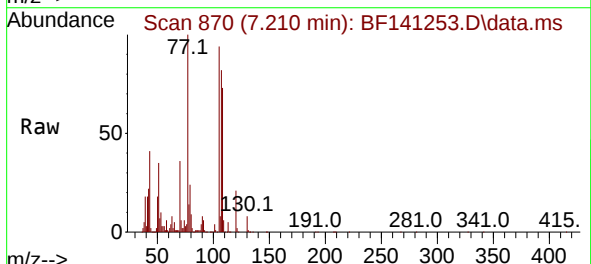
Instrument :
BNA_F
ClientSampleId :
281MS

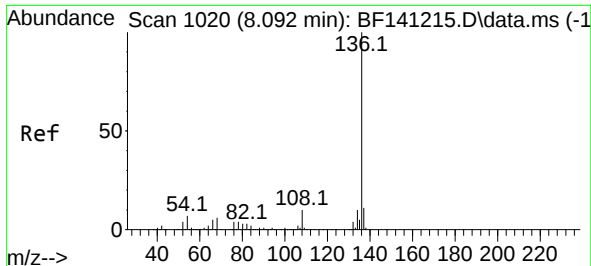
Tgt Ion: 70 Resp: 349108
Ion Ratio Lower Upper
70 100
42 56.2 47.8 71.6
101 9.8 7.9 11.9
130 22.8 17.6 26.4



#20
3+4-Methylphenols
Concen: 49.866 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:107 Resp: 511797
Ion Ratio Lower Upper
107 100
108 88.8 68.3 108.3
77 121.6 66.4 106.4#
79 29.8 9.6 49.6

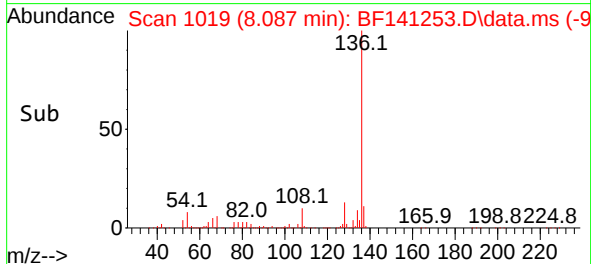
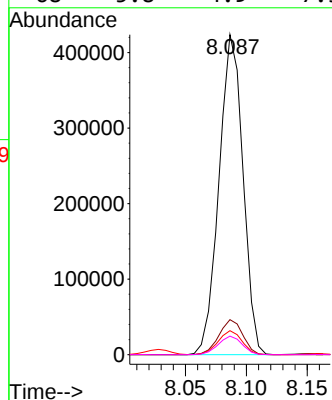
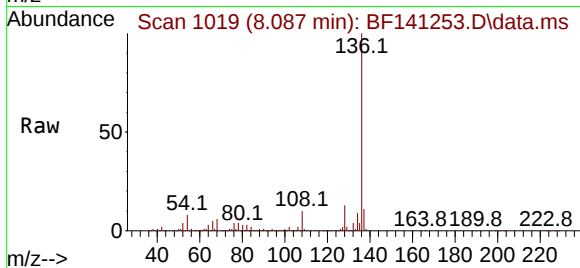




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

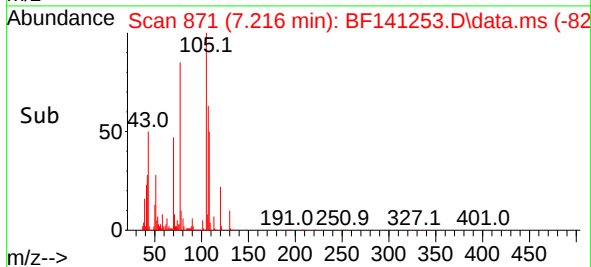
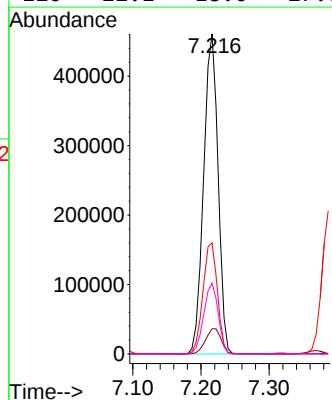
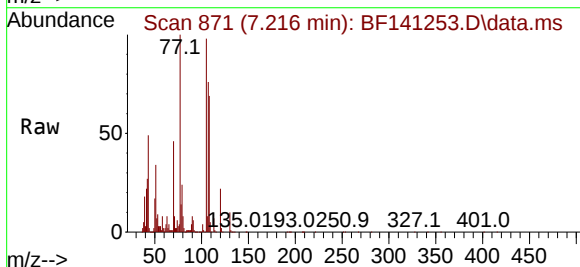
Instrument :
BNA_F
ClientSampleId :
281MS

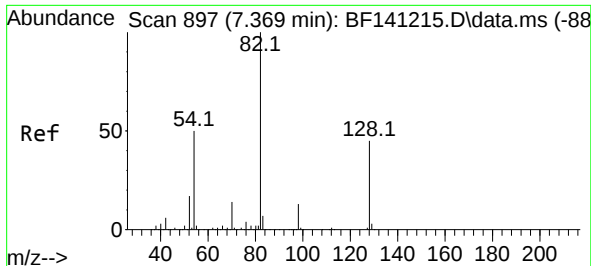
Tgt Ion:	136	Resp:	580675
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	6.3	9.5
68	5.8	4.9	7.3



#22
Acetophenone
Concen: 49.100 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:	105	Resp:	677778
Ion	Ratio	Lower	Upper
105	100		
71	7.9	7.1	10.7
51	34.7	25.4	38.2
120	22.1	18.0	27.0

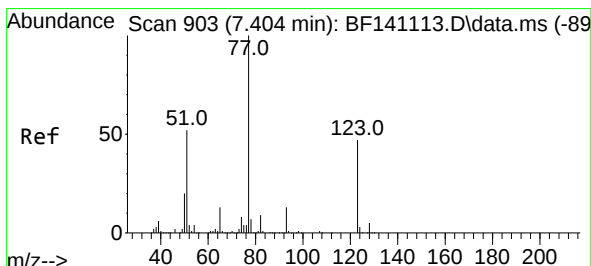
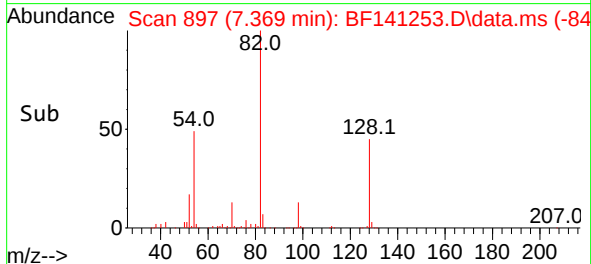
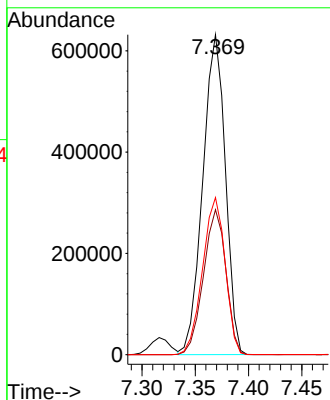
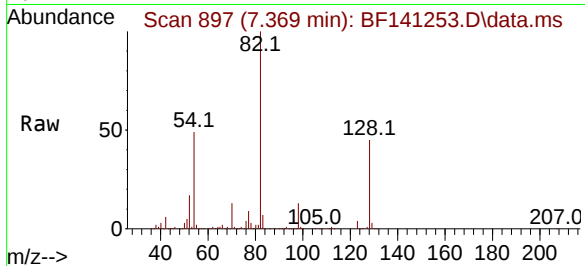




#23
 Nitrobenzene-d5
 Concen: 84.927 ng
 RT: 7.369 min Scan# 897
 Delta R.T. -0.018 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

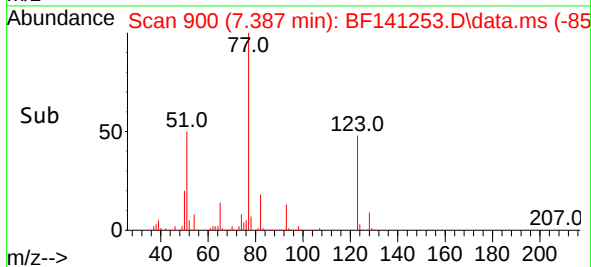
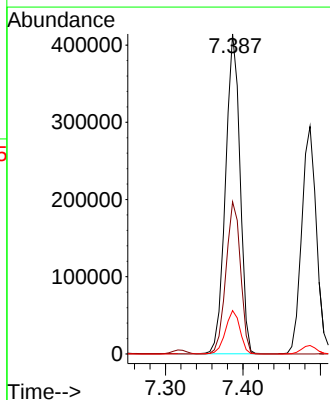
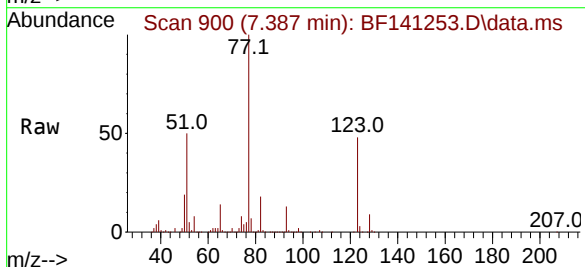
Instrument :
 BNA_F
 ClientSampleId :
 281MS

Tgt Ion: 82 Resp: 930322
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.1 54.1
 54 49.1 41.0 61.4



#24
 Nitrobenzene
 Concen: 47.096 ng
 RT: 7.387 min Scan# 900
 Delta R.T. -0.018 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

Tgt Ion: 77 Resp: 537679
 Ion Ratio Lower Upper
 77 100
 123 47.6 37.7 56.5
 65 13.6 10.6 16.0

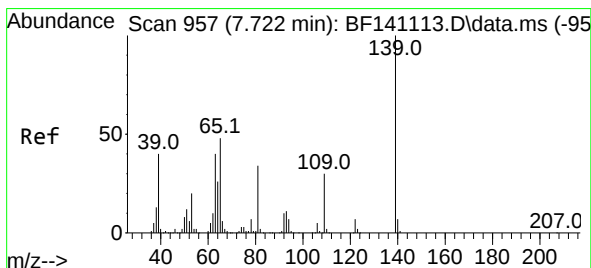
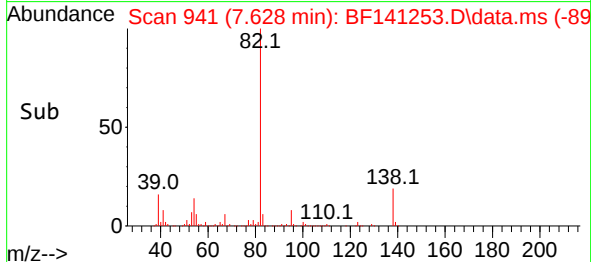
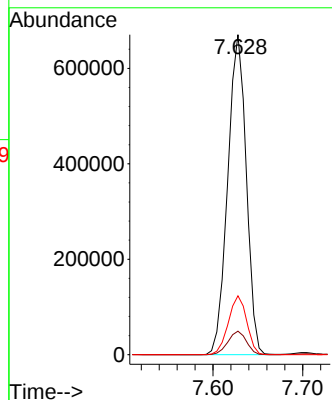
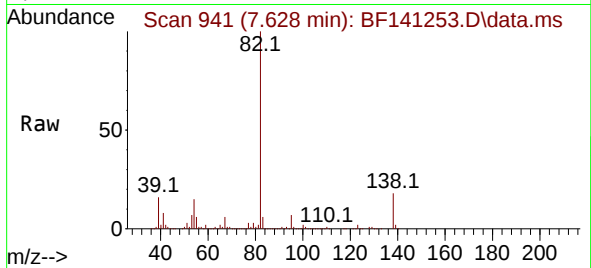




#25
Isophorone
Concen: 51.348 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

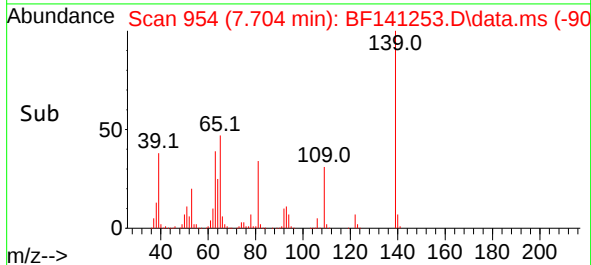
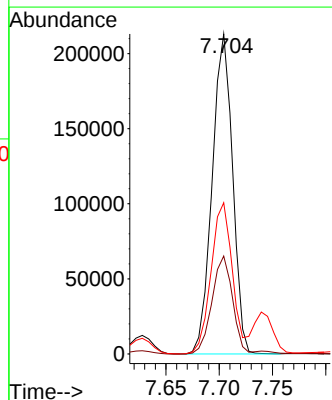
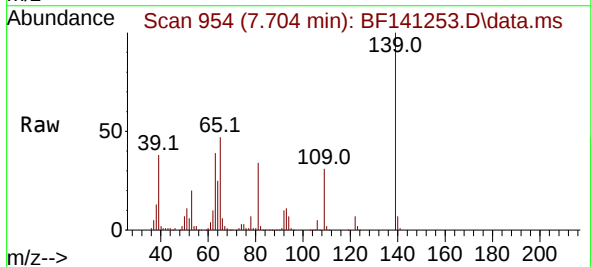
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion: 82 Resp: 961263
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 54.731 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion: 139 Resp: 284237
Ion Ratio Lower Upper
139 100
109 30.6 23.8 35.6
65 47.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 60.998 ng

RT: 7.740 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

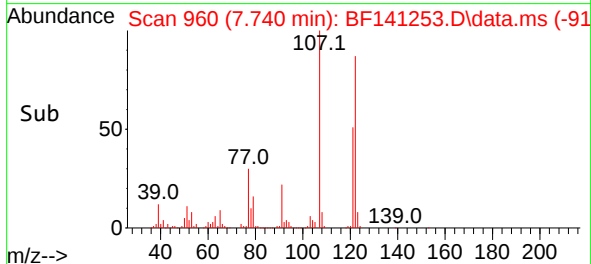
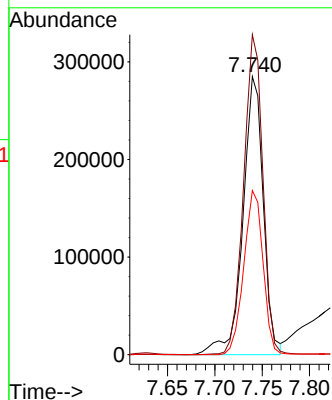
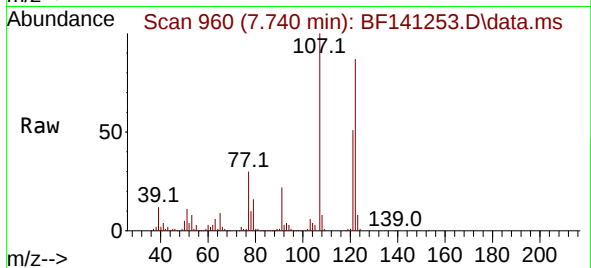
Tgt Ion:122 Resp: 427291

Ion Ratio Lower Upper

122 100

107 115.0 90.3 135.5

121 59.1 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 49.444 ng

RT: 7.840 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

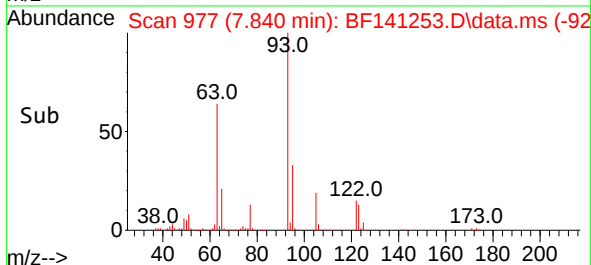
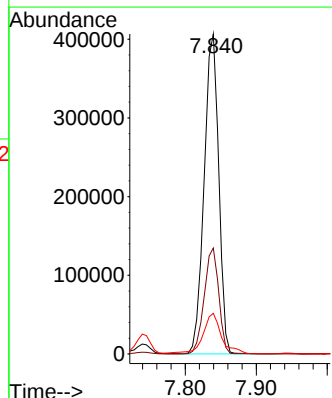
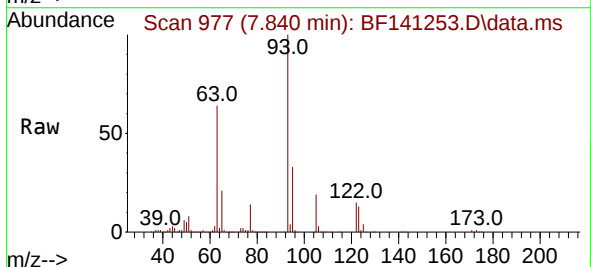
Tgt Ion: 93 Resp: 580904

Ion Ratio Lower Upper

93 100

95 33.1 26.2 39.4

123 12.7 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 52.189 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

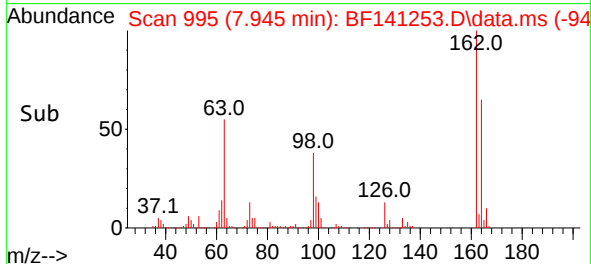
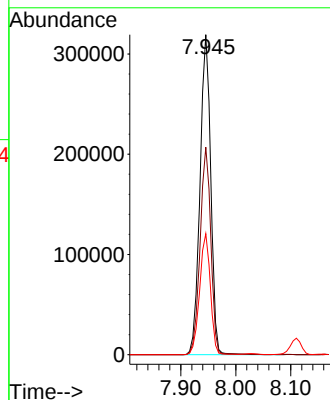
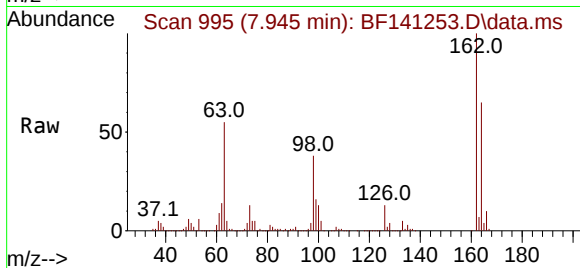
Tgt Ion:162 Resp: 434194

Ion Ratio Lower Upper

162 100

164 64.8 44.5 84.5

98 37.8 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 47.742 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

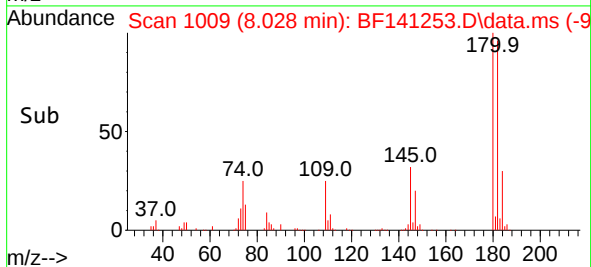
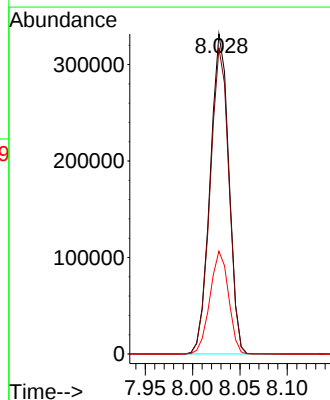
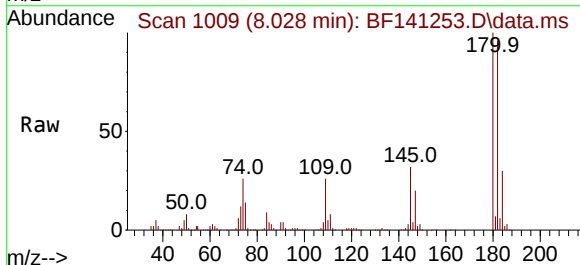
Tgt Ion:180 Resp: 454010

Ion Ratio Lower Upper

180 100

182 95.6 76.2 114.2

145 32.1 25.3 37.9

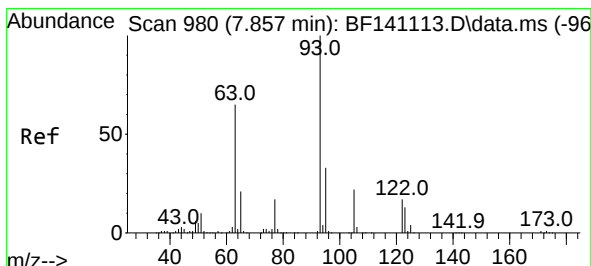
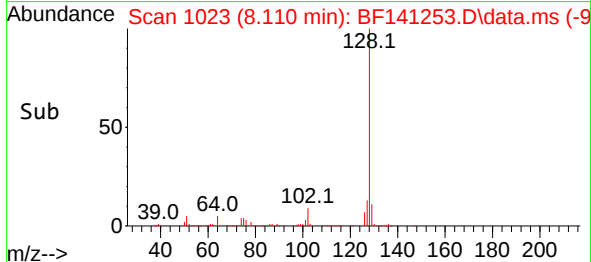
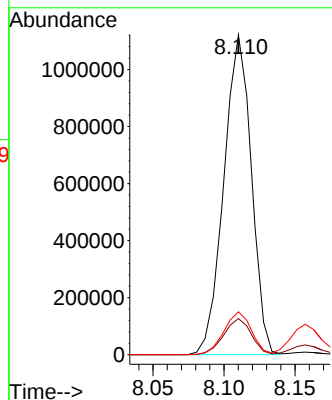
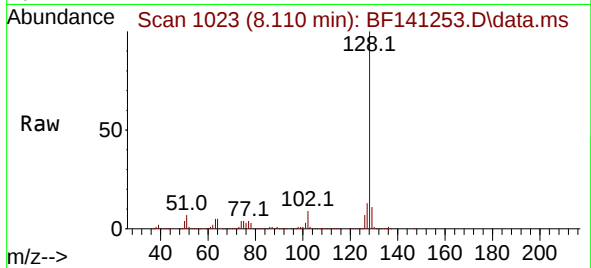




#31
Naphthalene
Concen: 49.439 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

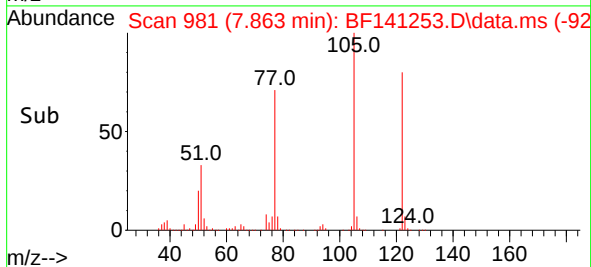
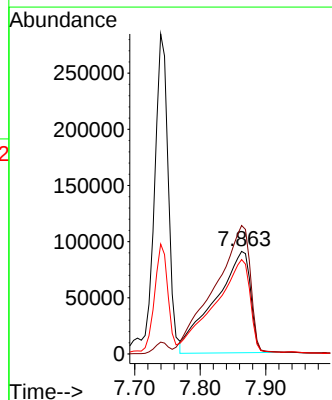
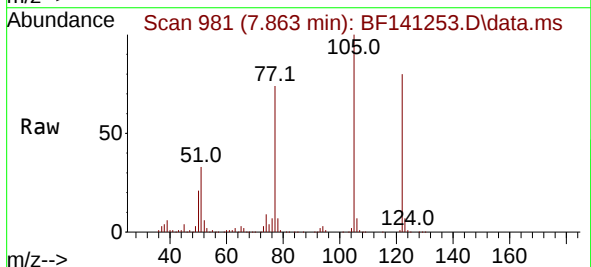
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:128 Resp: 1513953
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 50.804 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:122 Resp: 341391
Ion Ratio Lower Upper
122 100
105 125.3 105.5 145.5
77 92.1 75.1 115.1

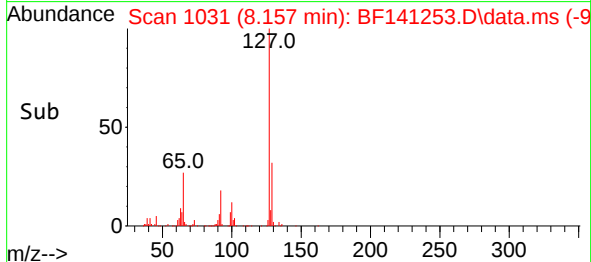
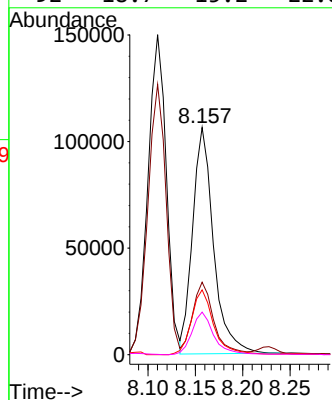
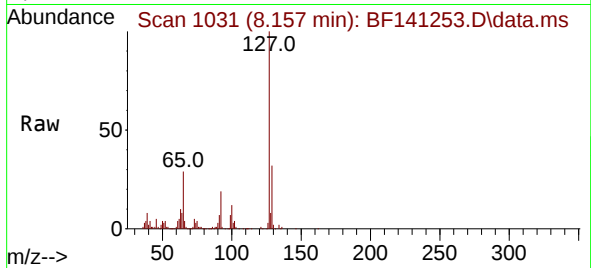




#33
4-Chloroaniline
Concen: 15.434 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

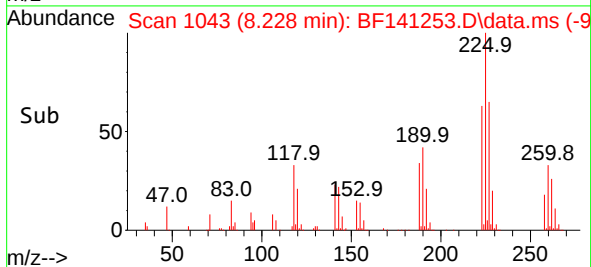
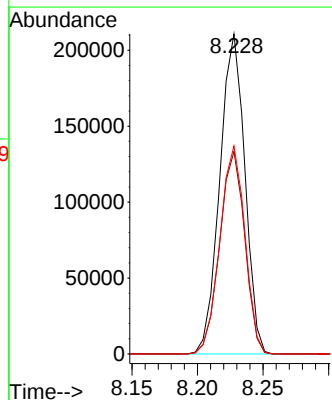
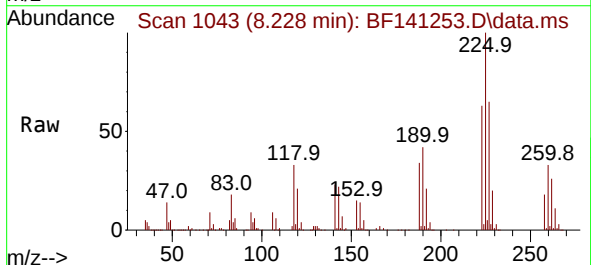
Instrument :
BNA_F
ClientSampleId :
281MS

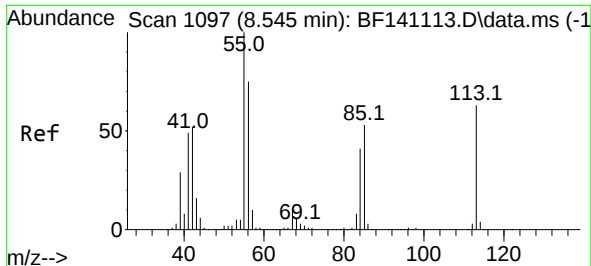
Tgt Ion:127	Resp: 163448
Ion Ratio	Lower Upper
127 100	
129 31.9	25.9 38.9
65 28.5	23.8 35.8
92 18.7	15.2 22.8



#34
Hexachlorobutadiene
Concen: 48.792 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:225	Resp: 279583		
Ion Ratio	Lower	Upper	
225 100			
223 63.3	50.6	76.0	
227 65.0	51.6	77.4	

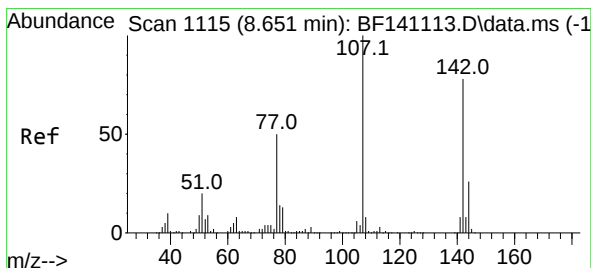
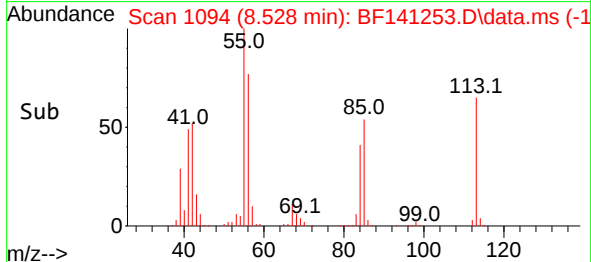
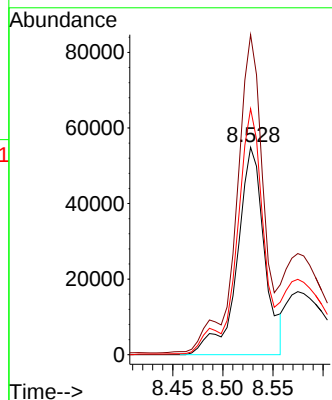
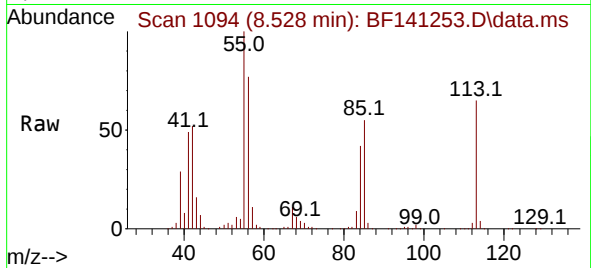




#35
 Caprolactam
 Concen: 38.178 ng
 RT: 8.528 min Scan# 1094
 Delta R.T. -0.018 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

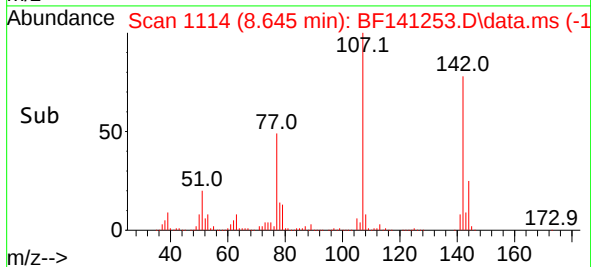
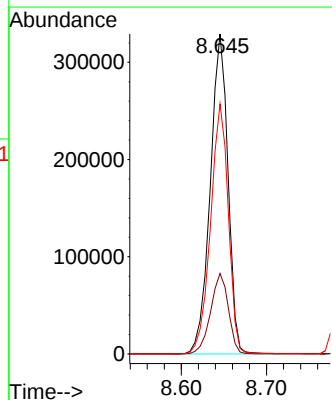
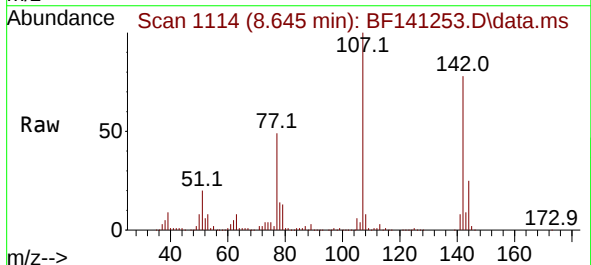
Instrument :
 BNA_F
 ClientSampleId :
 281MS

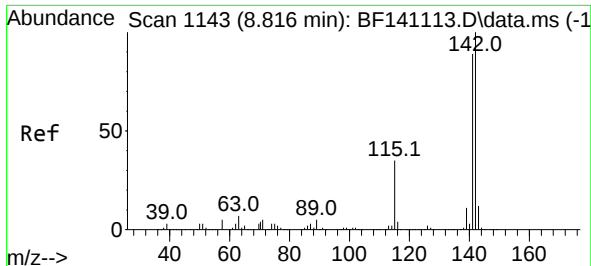
Tgt Ion:113 Resp: 103990
 Ion Ratio Lower Upper
 113 100
 55 154.3 139.7 179.7
 56 118.6 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.370 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. -0.006 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

Tgt Ion:107 Resp: 476500
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.4 30.6
 142 78.1 62.2 93.2

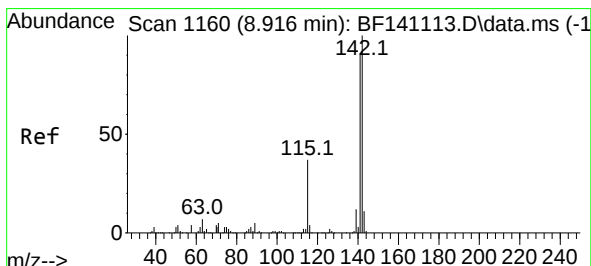
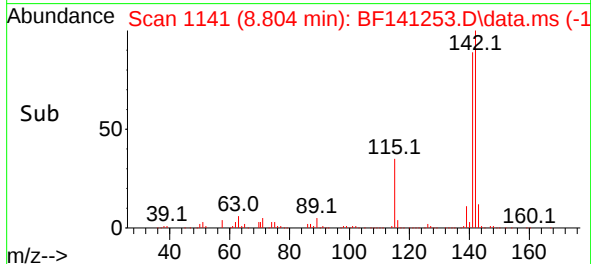
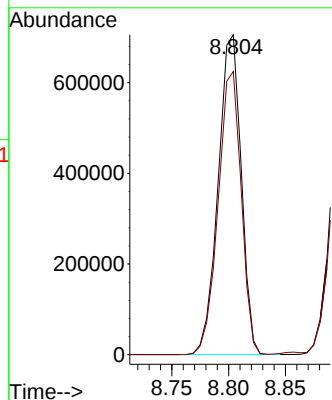
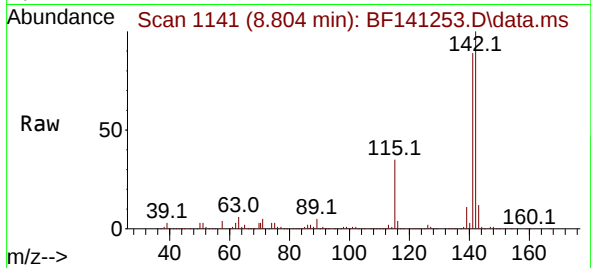




#37
2-Methylnaphthalene
Concen: 51.054 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

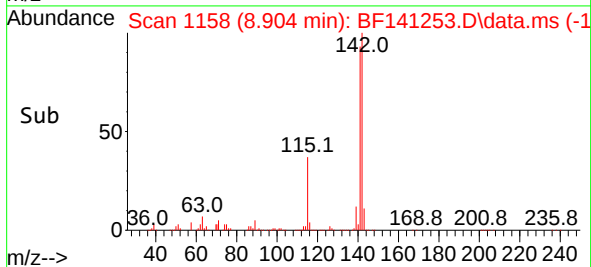
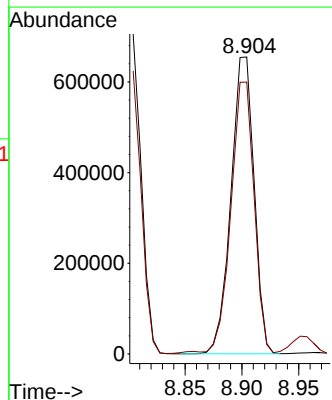
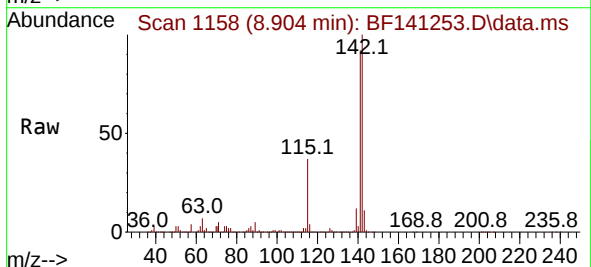
Instrument :
BNA_F
ClientSampleId :
281MS

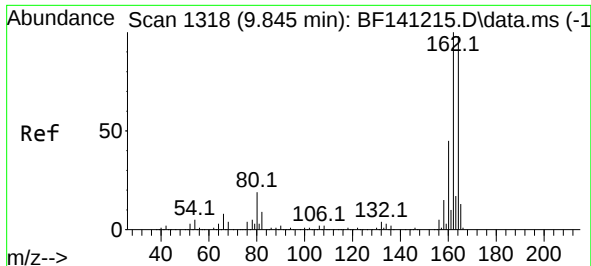
Tgt Ion:142 Resp: 996244
Ion Ratio Lower Upper
142 100
141 88.5 71.3 106.9



#38
1-Methylnaphthalene
Concen: 48.254 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:142 Resp: 927989
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7

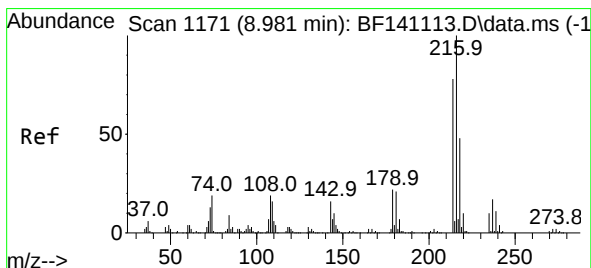
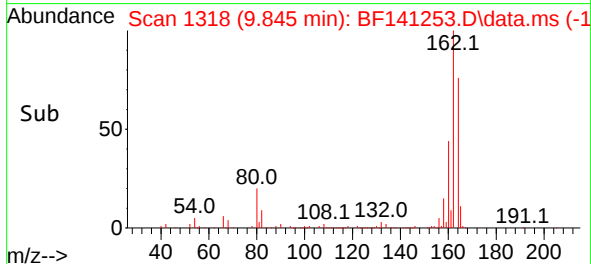
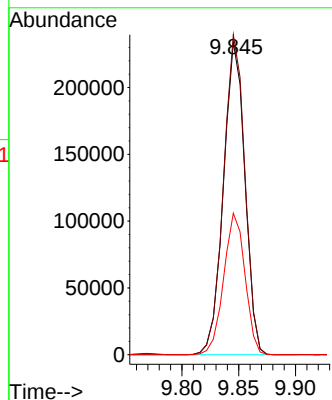
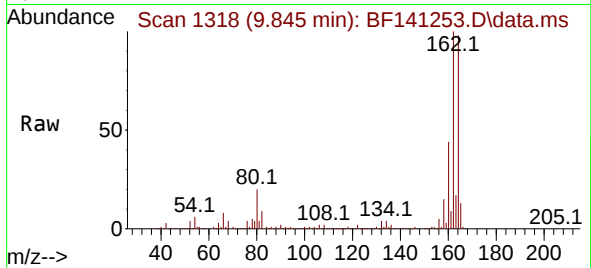




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

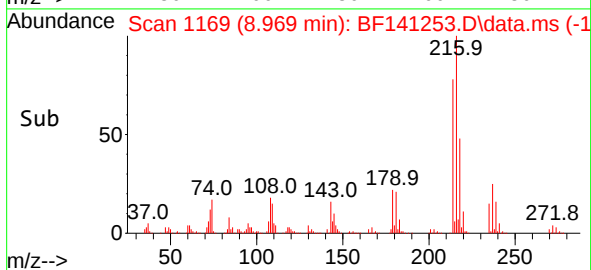
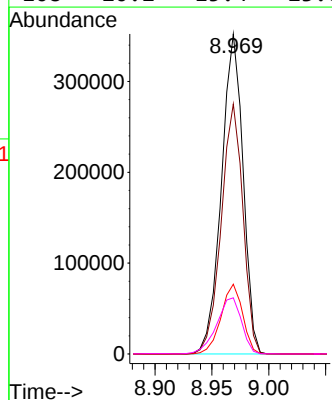
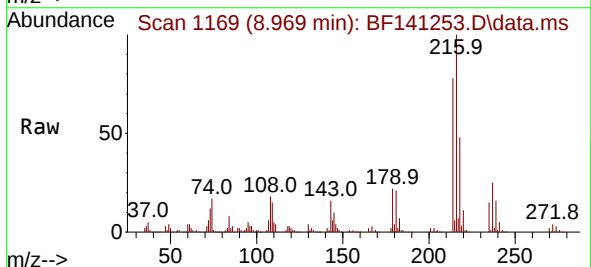
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:164 Resp: 306989
Ion Ratio Lower Upper
164 100
162 102.4 81.0 121.4
160 45.3 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.942 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:216 Resp: 466479
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 21.7 17.7 26.5
108 20.2 15.4 23.0

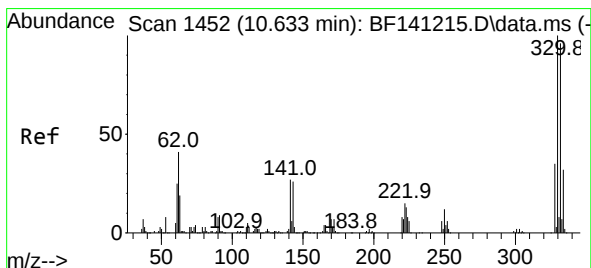
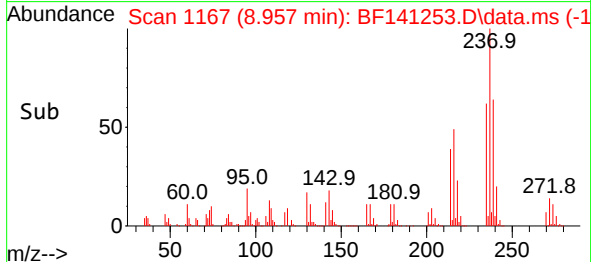
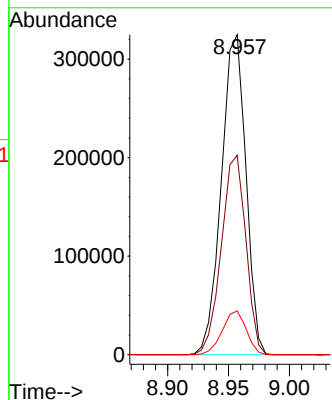
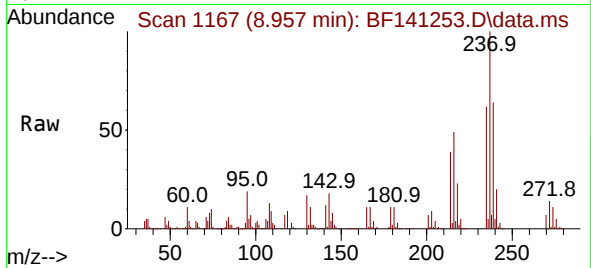




#41
Hexachlorocyclopentadiene
Concen: 158.285 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

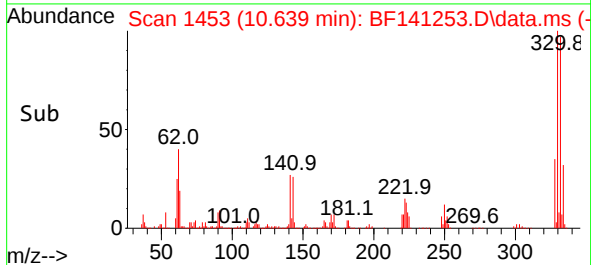
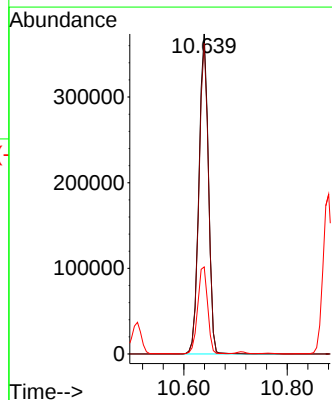
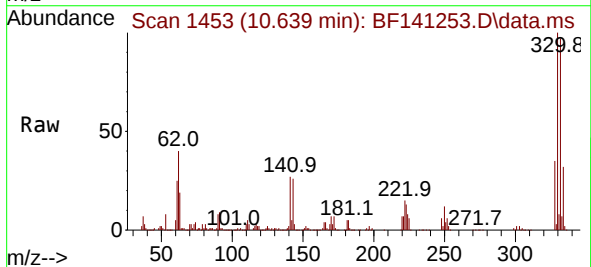
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:237 Resp: 456290
Ion Ratio Lower Upper
237 100
235 62.3 43.0 83.0
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 135.967 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:330 Resp: 475603
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 28.5 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 55.401 ng

RT: 9.081 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

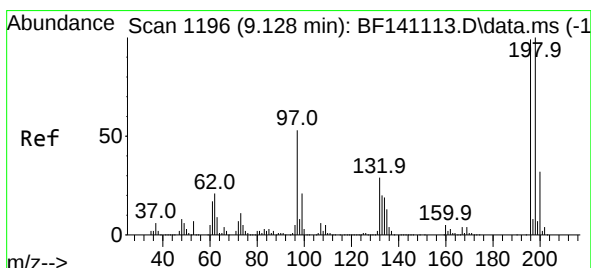
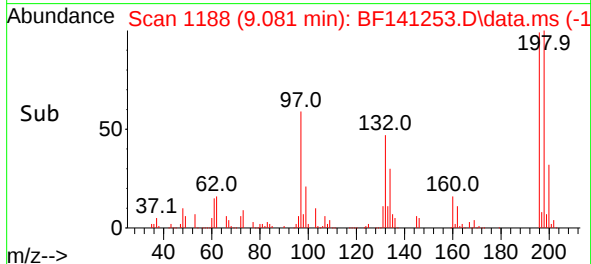
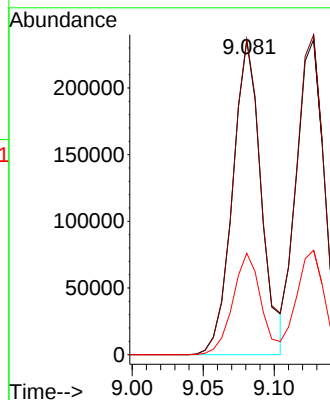
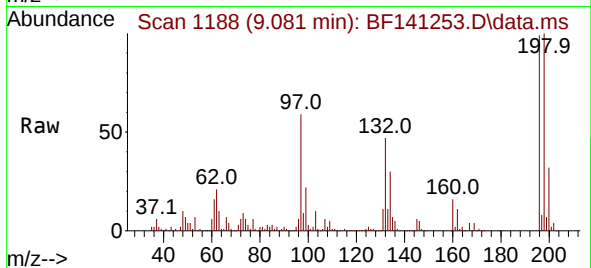
Tgt Ion:196 Resp: 329229

Ion Ratio Lower Upper

196 100

198 100.7 80.8 121.2

200 32.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 50.788 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Tgt Ion:196 Resp: 318751

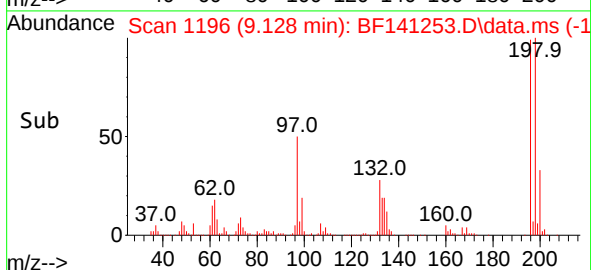
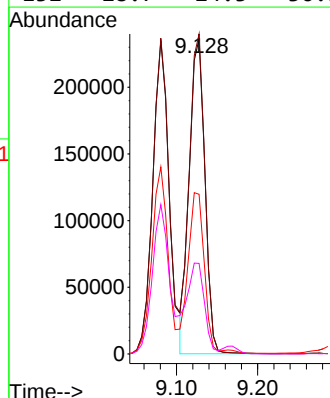
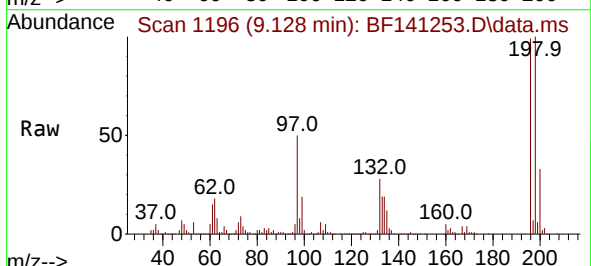
Ion Ratio Lower Upper

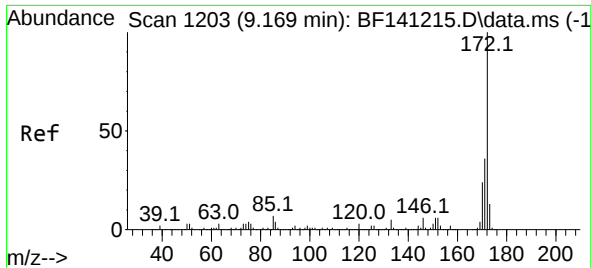
196 100

198 101.5 80.6 120.8

97 50.7 43.1 64.7

132 28.7 24.3 36.5

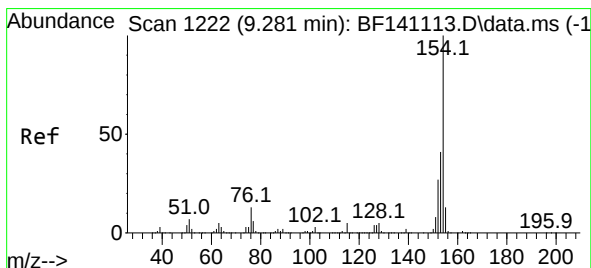
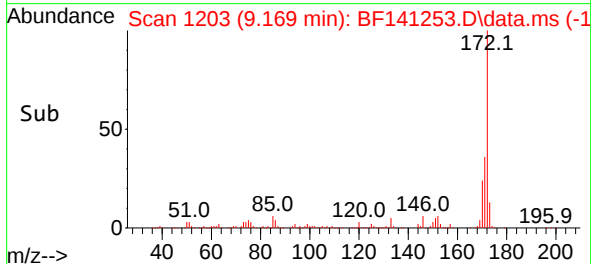
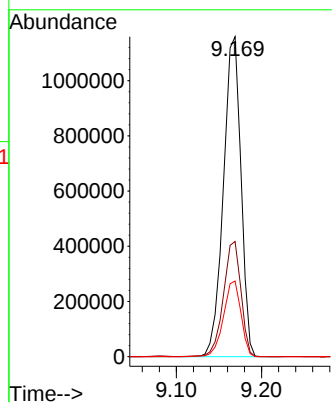
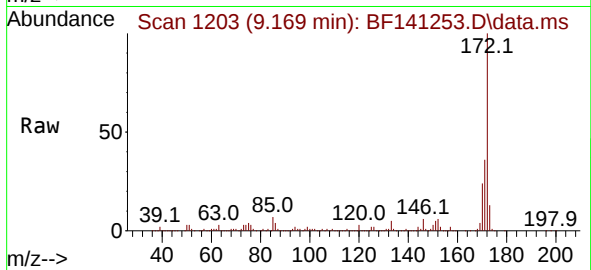




#45
2-Fluorobiphenyl
Concen: 82.490 ng
RT: 9.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

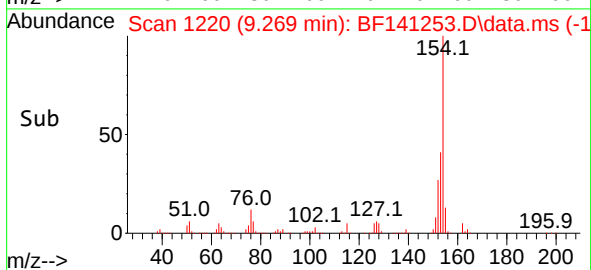
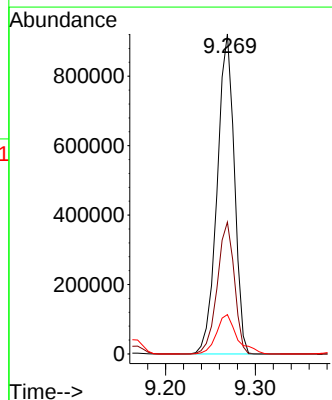
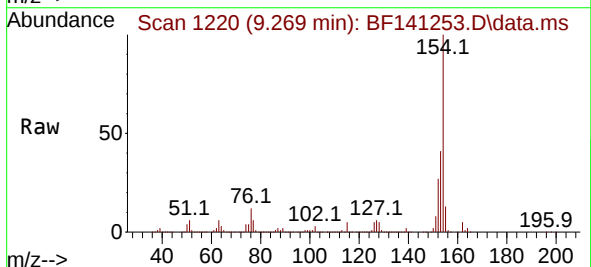
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:172 Resp: 1658335
Ion Ratio Lower Upper
172 100
171 36.0 28.7 43.1
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.282 ng
RT: 9.269 min Scan# 1220
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:154 Resp: 1222614
Ion Ratio Lower Upper
154 100
153 41.2 20.7 60.7
76 12.3 0.0 33.1

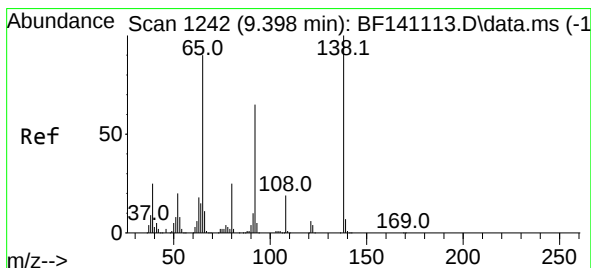
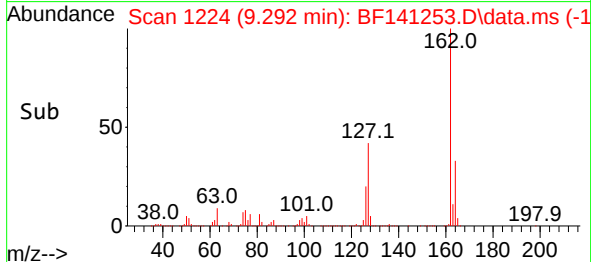
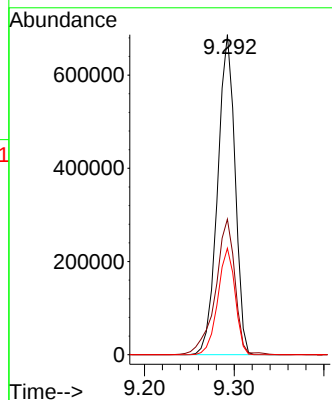
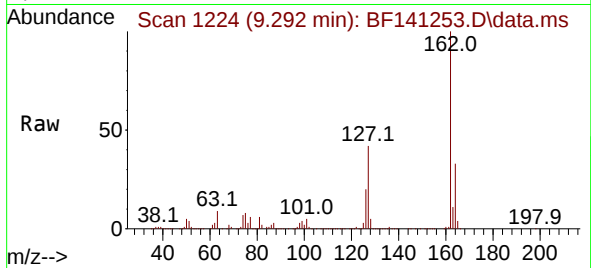




#47
2-Chloronaphthalene
Concen: 49.869 ng
RT: 9.292 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

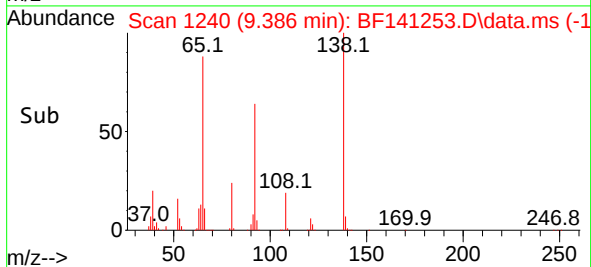
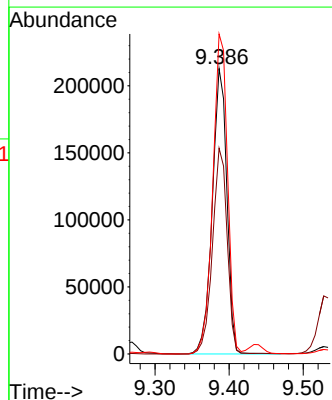
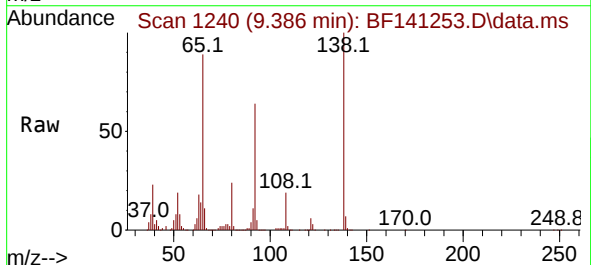
Instrument :
BNA_F
ClientSampleId :
281MS

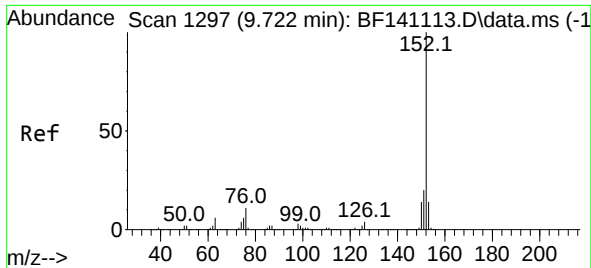
Tgt Ion:162 Resp: 926015
Ion Ratio Lower Upper
162 100
127 42.4 34.6 51.8
164 33.3 26.5 39.7



#48
2-Nitroaniline
Concen: 52.974 ng
RT: 9.386 min Scan# 1240
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion: 65 Resp: 291591
Ion Ratio Lower Upper
65 100
92 72.1 58.3 87.5
138 112.1 89.1 133.7

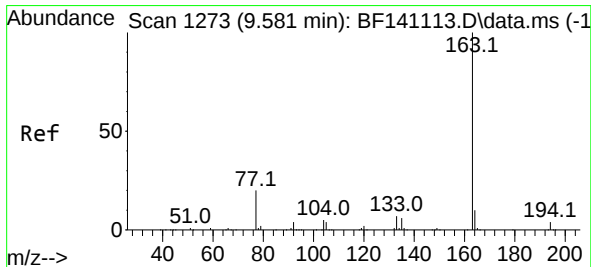
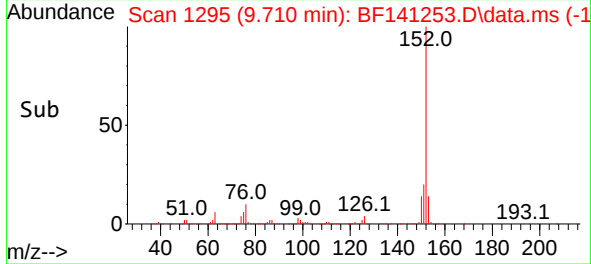
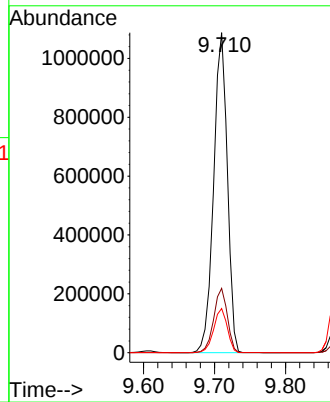
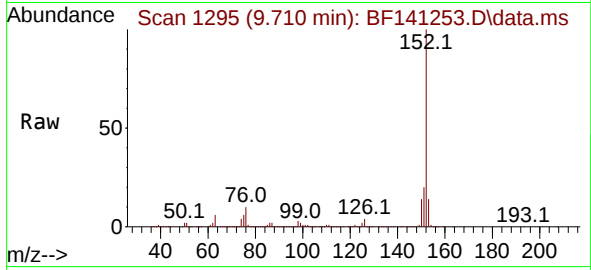




#49
Acenaphthylene
Concen: 54.799 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

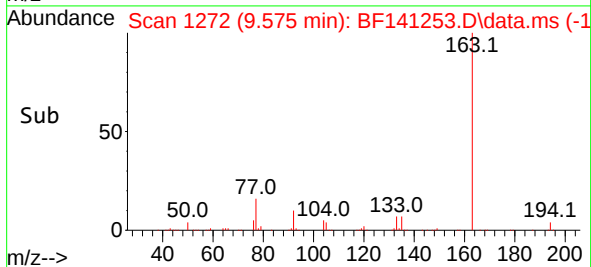
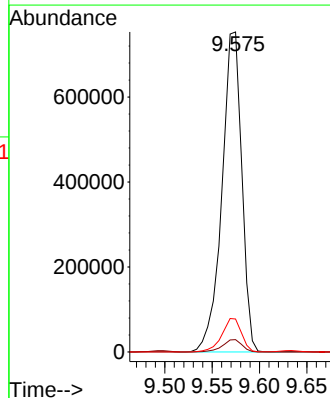
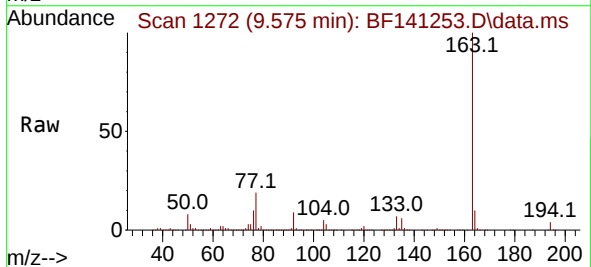
Instrument :
BNA_F
ClientSampleId :
281MS

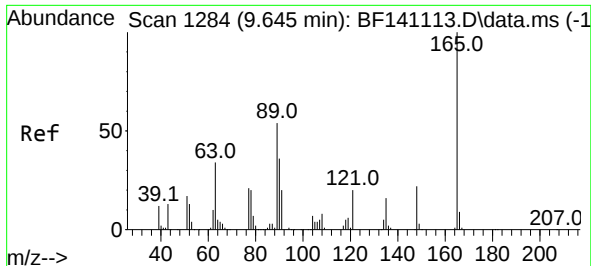
Tgt Ion:152 Resp: 1453791
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 53.334 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:163 Resp: 1099191
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 51.762 ng

RT: 9.634 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

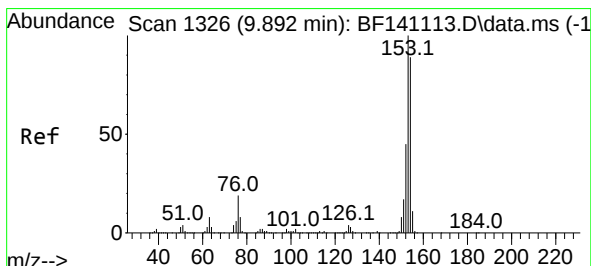
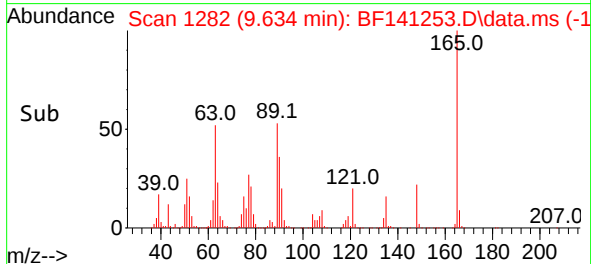
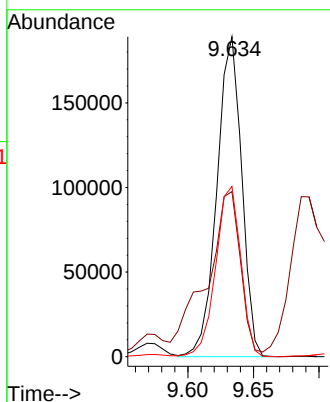
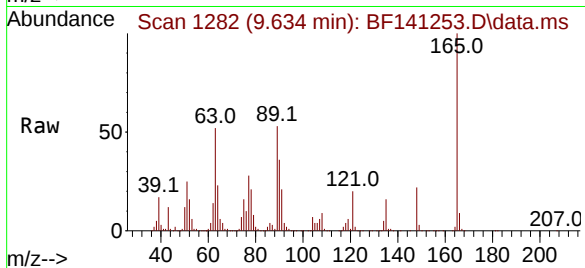
Tgt Ion:165 Resp: 248078

Ion Ratio Lower Upper

165 100

63 51.6 42.3 63.5

89 53.2 43.1 64.7



#52

Acenaphthene

Concen: 57.715 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

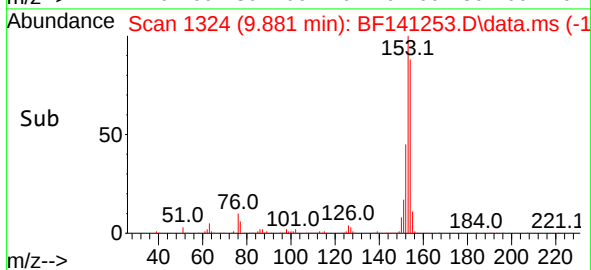
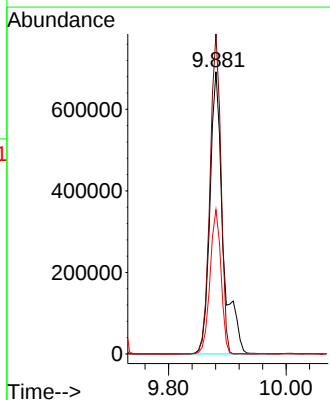
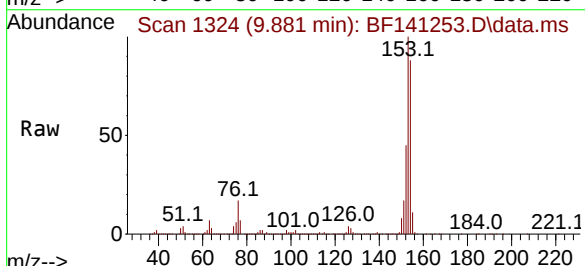
Tgt Ion:154 Resp: 1069739

Ion Ratio Lower Upper

154 100

153 113.4 89.8 134.6

152 51.1 40.8 61.2

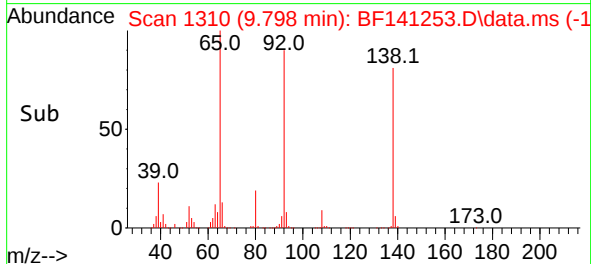
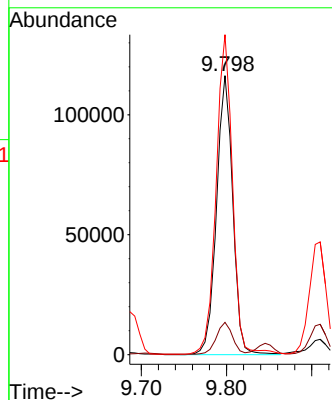
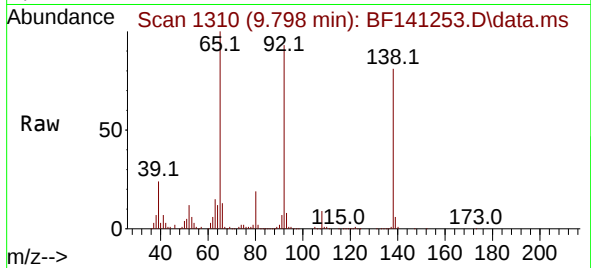




#53
3-Nitroaniline
Concen: 31.730 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

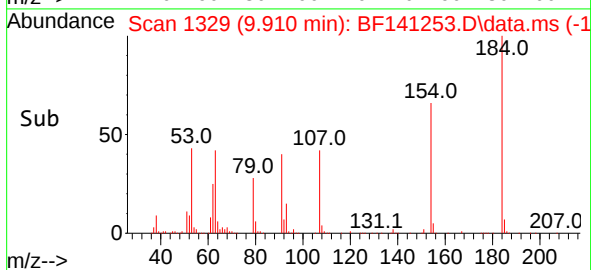
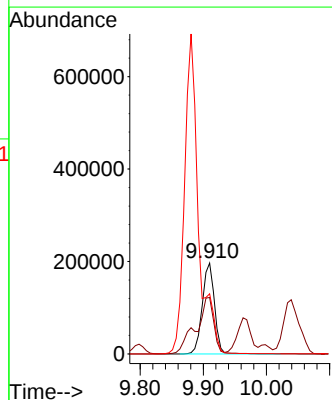
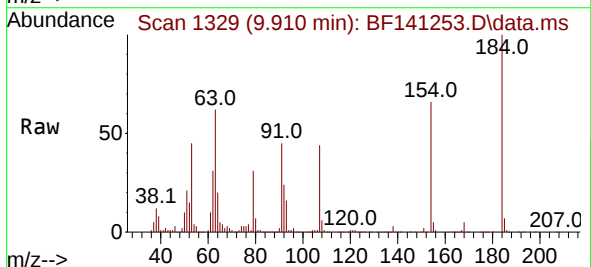
Instrument :
BNA_F
ClientSampleId :
281MS

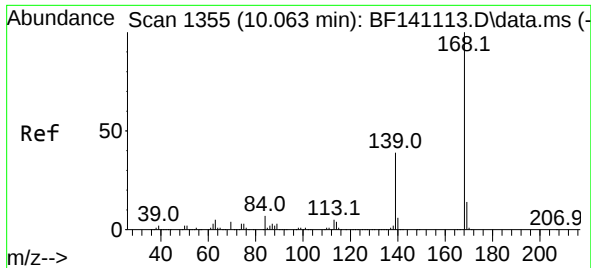
Tgt Ion:138 Resp: 154535
Ion Ratio Lower Upper
138 100
108 11.6 8.8 13.2
92 114.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 116.148 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:184 Resp: 264589
Ion Ratio Lower Upper
184 100
63 62.1 48.7 73.1
154 66.1 57.1 85.7

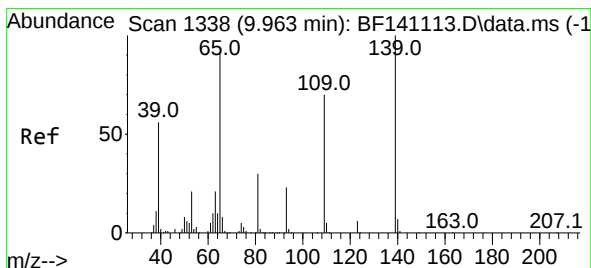
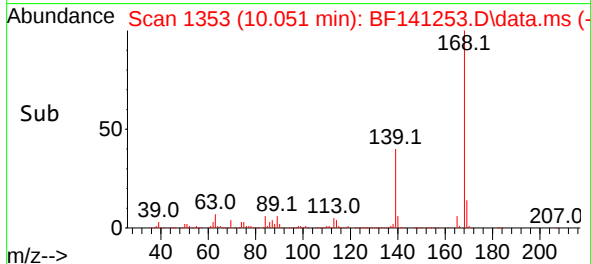
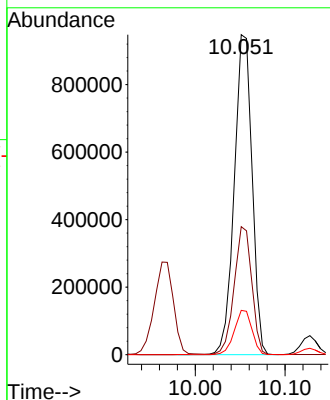
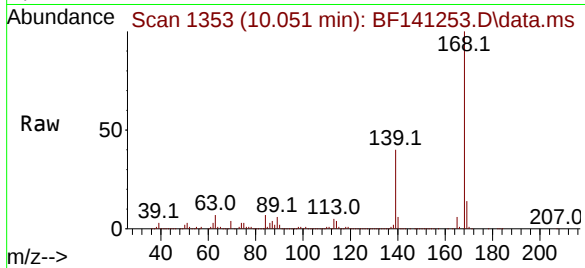




#55
Dibenzofuran
Concen: 51.829 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

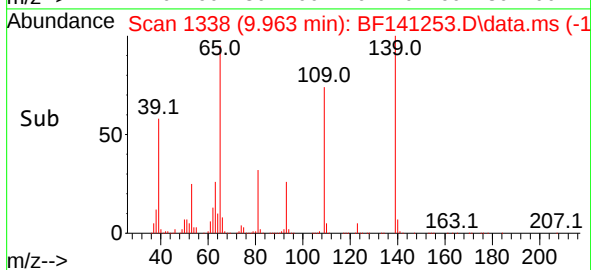
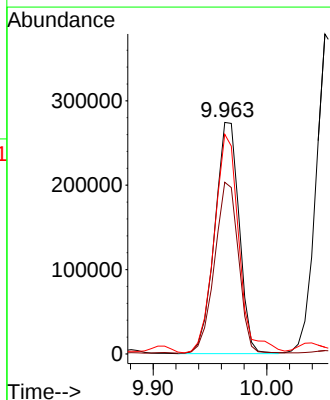
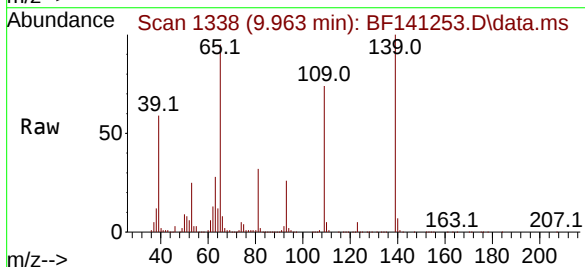
Instrument :
BNA_F
ClientSampleId :
281MS

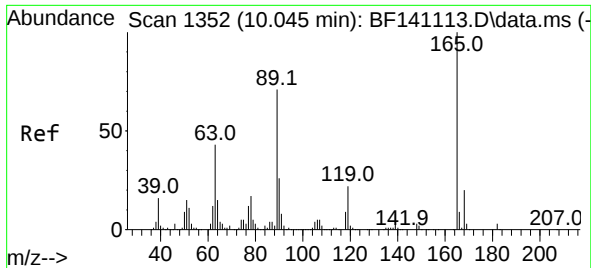
Tgt Ion:168 Resp: 1306652
Ion Ratio Lower Upper
168 100
139 40.0 31.4 47.0
169 13.9 10.9 16.3



#56
4-Nitrophenol
Concen: 107.192 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:139 Resp: 408858
Ion Ratio Lower Upper
139 100
109 74.1 50.2 90.2
65 94.9 72.1 112.1

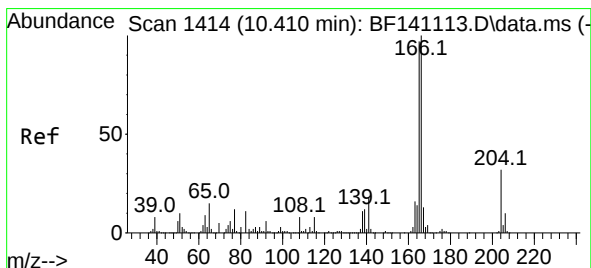
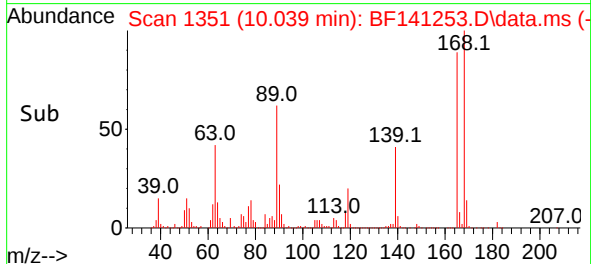
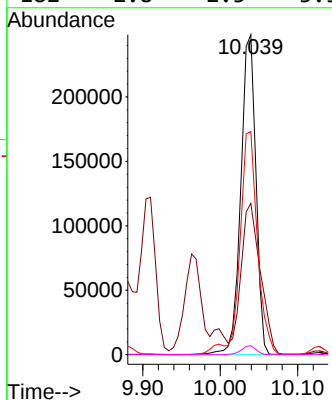
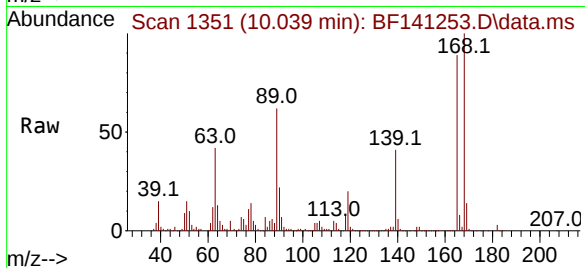




#57
2,4-Dinitrotoluene
Concen: 54.477 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

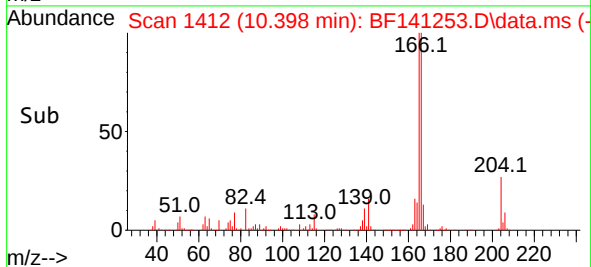
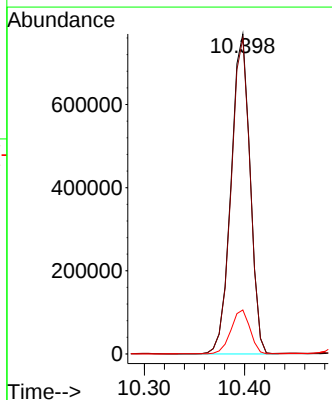
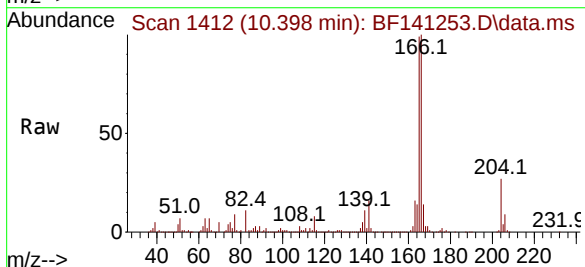
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:165 Resp: 336474
Ion Ratio Lower Upper
165 100
63 47.3 35.0 52.4
89 69.7 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 51.749 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:166 Resp: 1013578
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 13.7 10.8 16.2

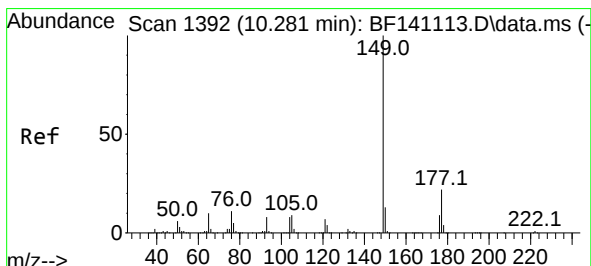
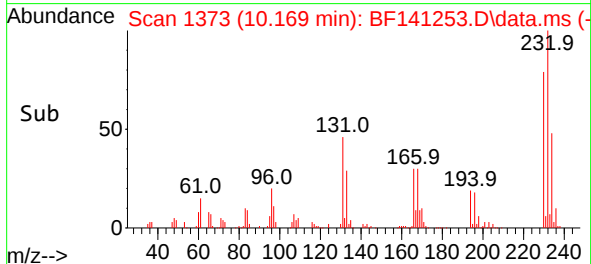
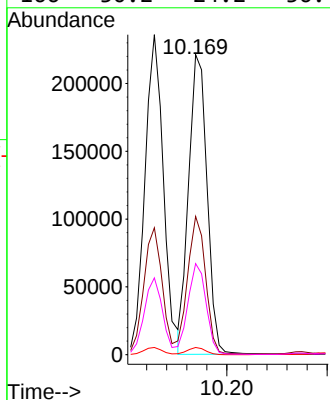
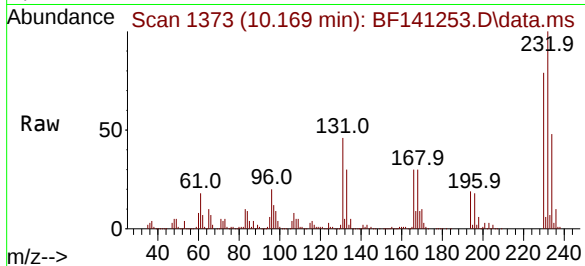




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.104 ng
RT: 10.169 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

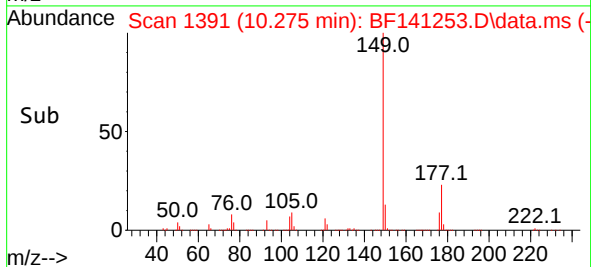
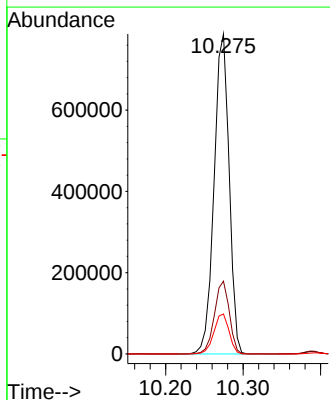
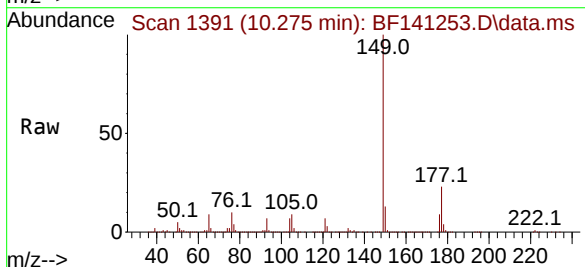
Instrument :
BNA_F
ClientSampleId :
281MS

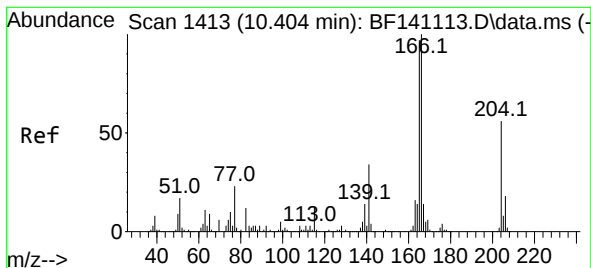
Tgt Ion:232 Resp: 282252
Ion Ratio Lower Upper
232 100
131 45.9 36.2 54.4
130 2.4 2.0 3.0
166 30.2 24.2 36.4



#60
Diethylphthalate
Concen: 52.719 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:149 Resp: 1060704
Ion Ratio Lower Upper
149 100
177 22.8 17.9 26.9
150 12.5 10.2 15.2

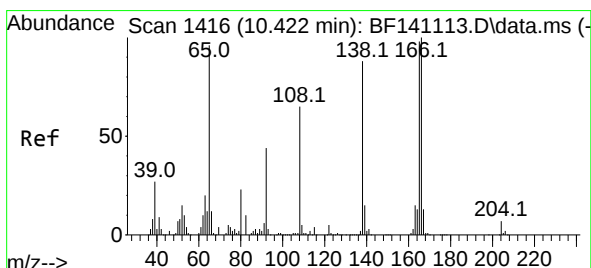
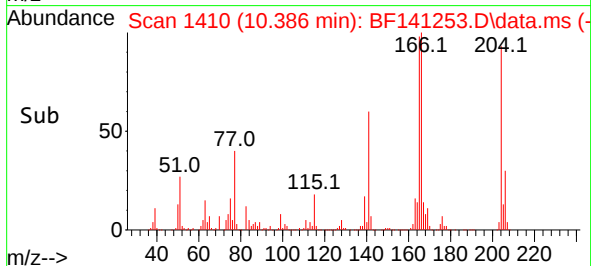
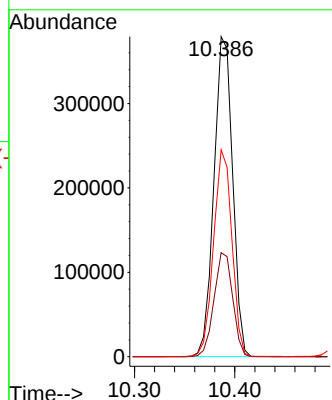
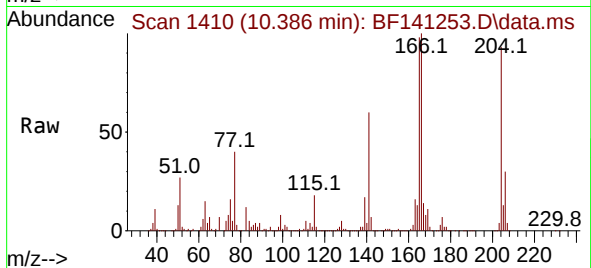




#61
4-Chlorophenyl-phenylether
Concen: 51.291 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

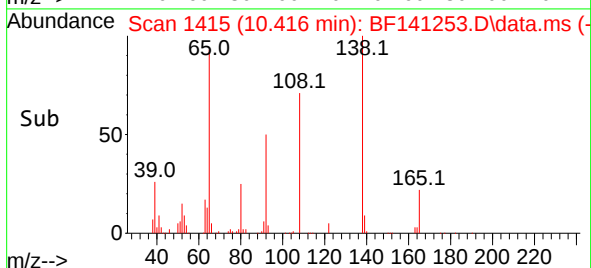
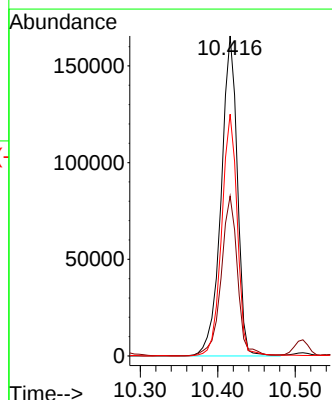
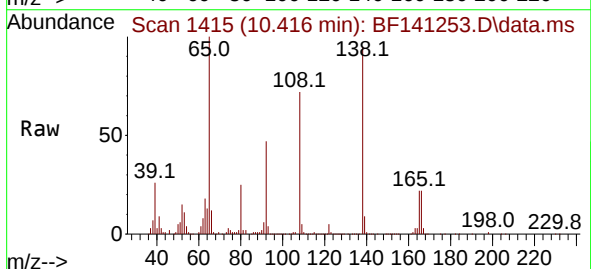
Instrument :
BNA_F
ClientSampleId :
281MS

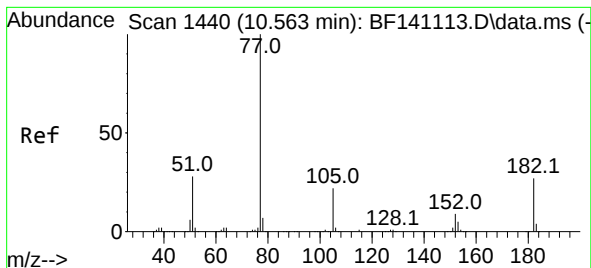
Tgt Ion:204 Resp: 489635
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 64.7 49.1 73.7



#62
4-Nitroaniline
Concen: 50.737 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:138 Resp: 241852
Ion Ratio Lower Upper
138 100
92 50.0 29.4 69.4
108 75.5 53.7 93.7

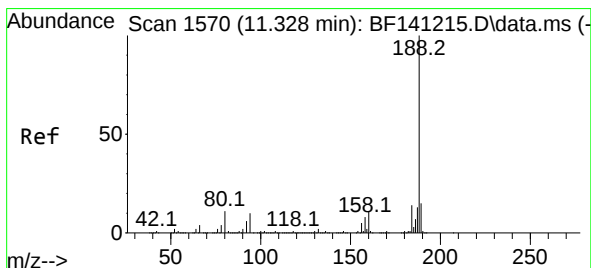
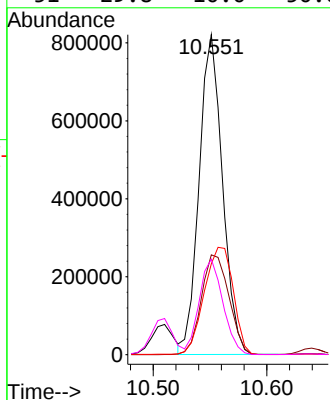
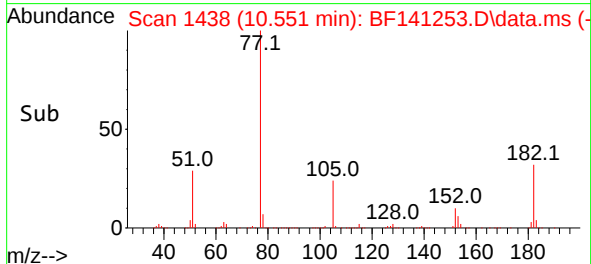
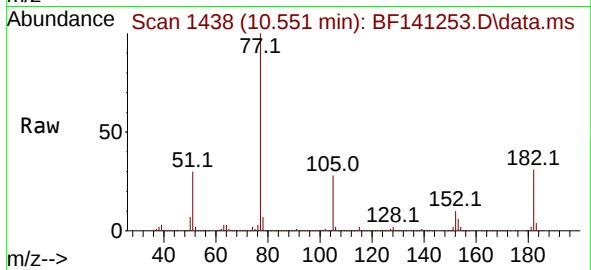




#63
Azobenzene
Concen: 59.023 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

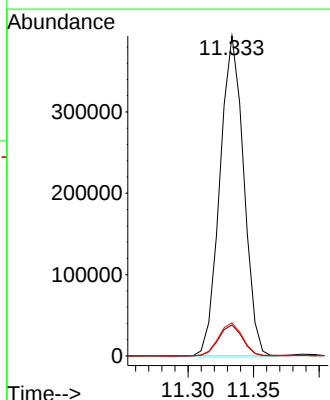
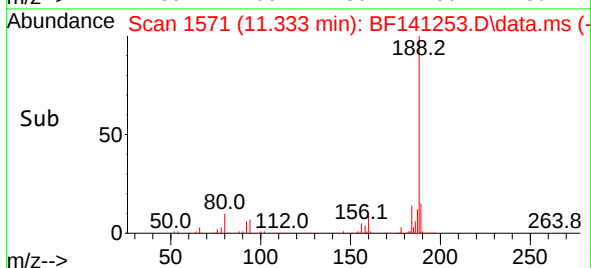
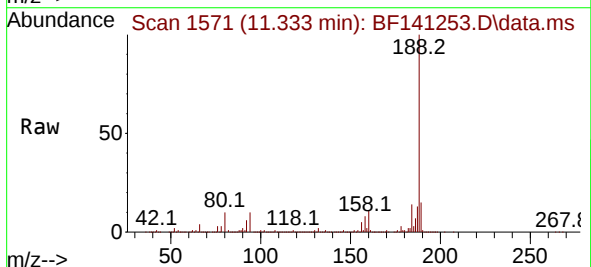
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion: 77 Resp: 1171771
Ion Ratio Lower Upper
77 100
182 31.2 6.1 46.1
105 28.4 2.1 42.1
51 29.8 10.0 50.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion: 188 Resp: 496857
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.3 9.0 13.4

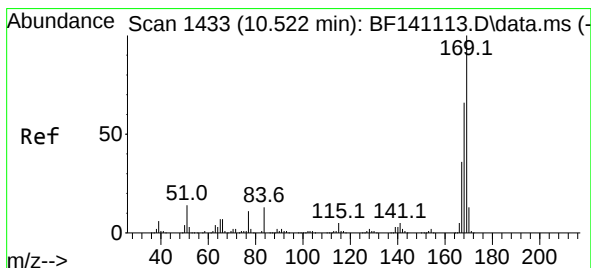
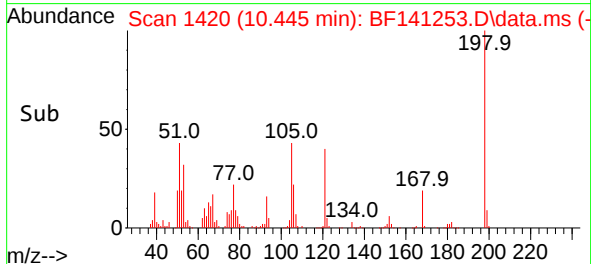
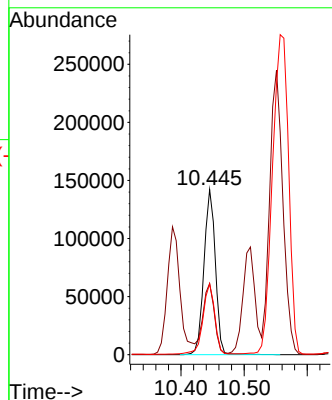
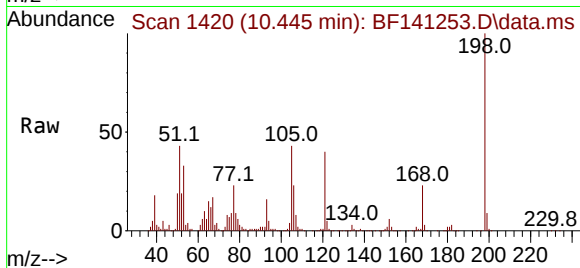




#65
4,6-Dinitro-2-methylphenol
Concen: 62.198 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

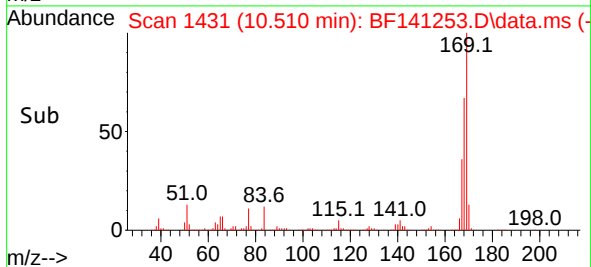
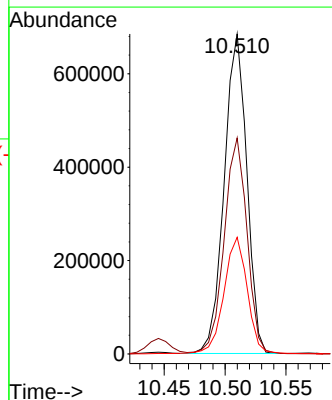
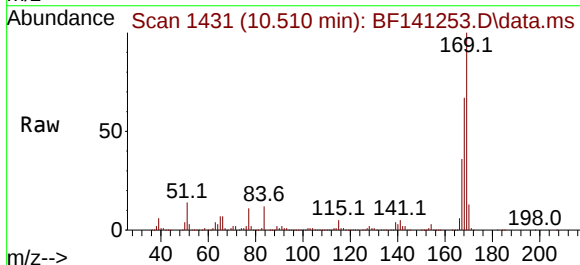
Instrument :
BNA_F
ClientSampleId :
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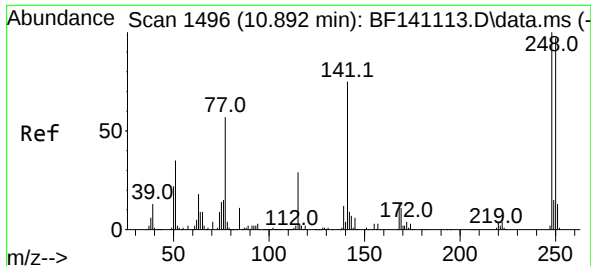
Tgt Ion:198 Resp: 179078
Ion Ratio Lower Upper
198 100
51 43.2 27.1 67.1
105 43.0 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 55.172 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:169 Resp: 884185
Ion Ratio Lower Upper
169 100
168 67.5 52.5 78.7
167 36.4 28.9 43.3

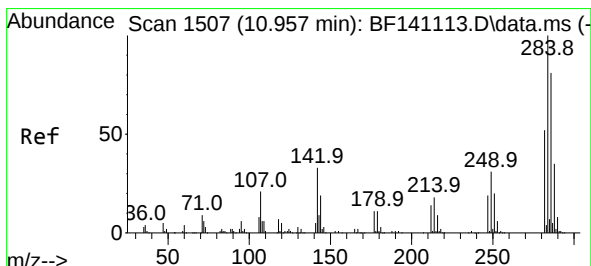
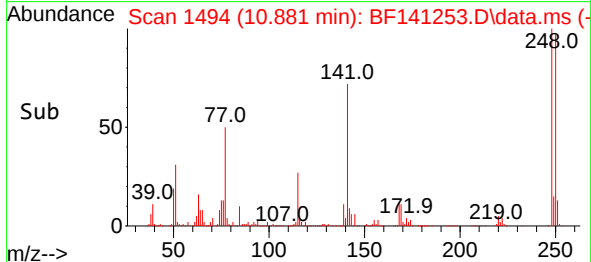
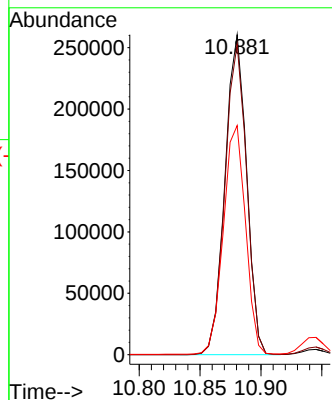
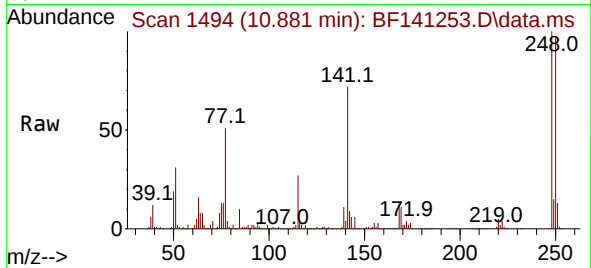




#67
4-Bromophenyl-phenylether
Concen: 56.477 ng
RT: 10.881 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

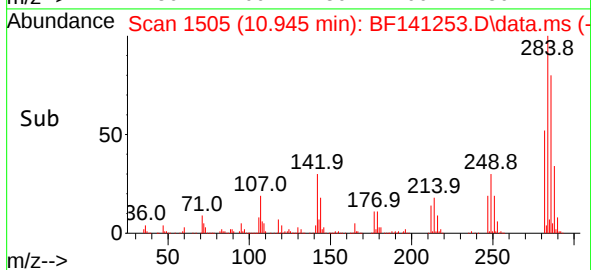
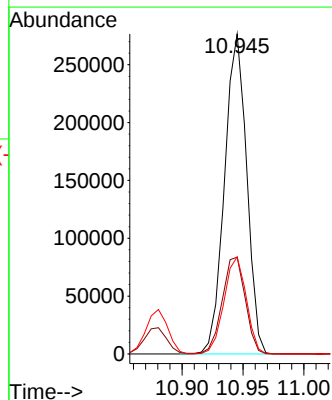
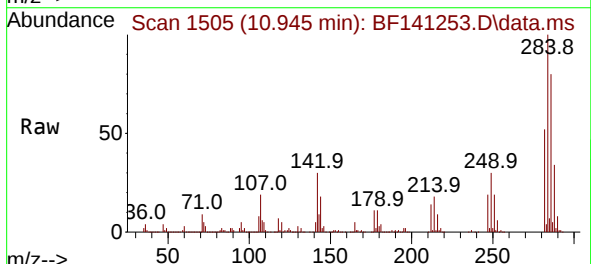
Instrument :
BNA_F
ClientSampleId :
281MS

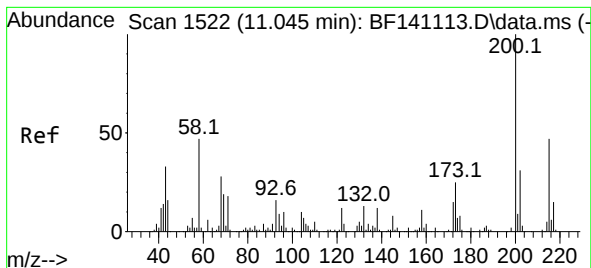
Tgt Ion:248 Resp: 323066
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 71.6 59.9 89.9



#68
Hexachlorobenzene
Concen: 55.012 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:284 Resp: 350304
Ion Ratio Lower Upper
284 100
142 30.3 26.3 39.5
249 30.4 24.9 37.3





#69

Atrazine

Concen: 69.113 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

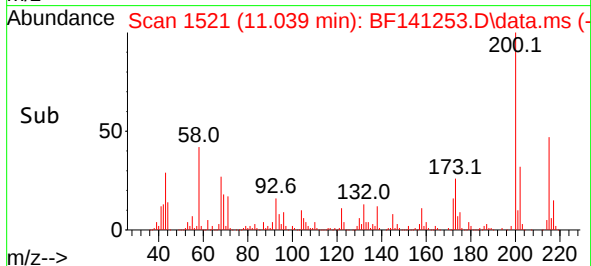
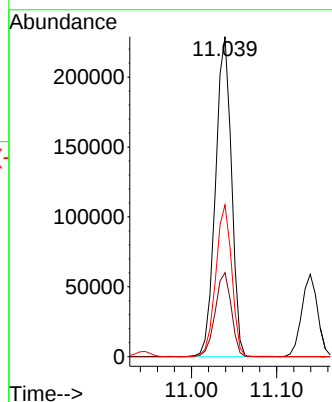
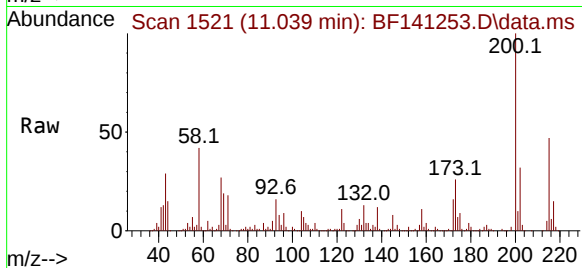
Tgt Ion:200 Resp: 298228

Ion Ratio Lower Upper

200 100

173 26.2 5.4 45.4

215 47.5 26.6 66.6



#70

Pentachlorophenol

Concen: 103.697 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

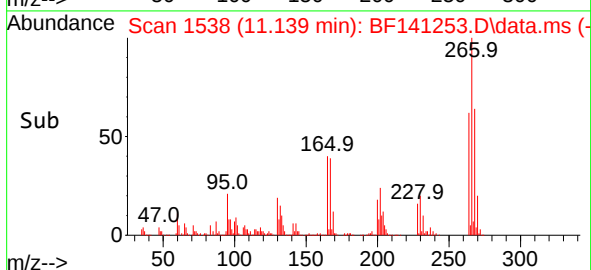
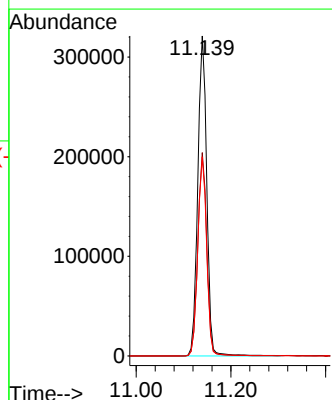
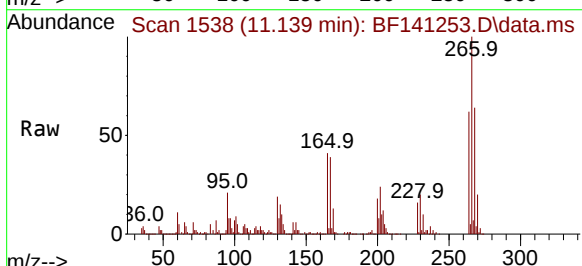
Tgt Ion:266 Resp: 422871

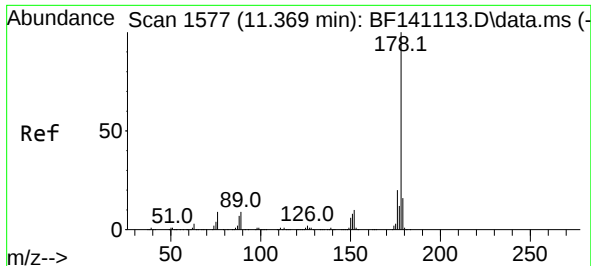
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.2 50.2 75.2

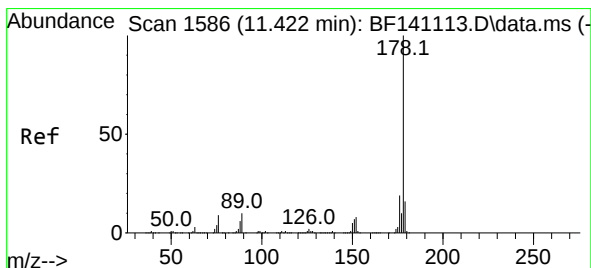
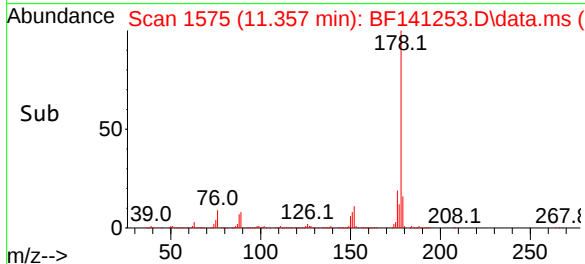
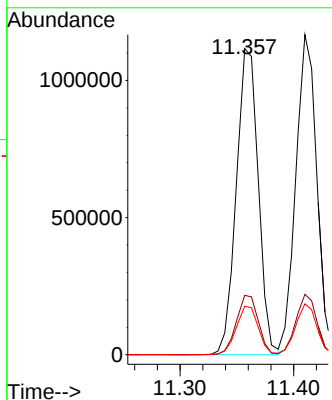
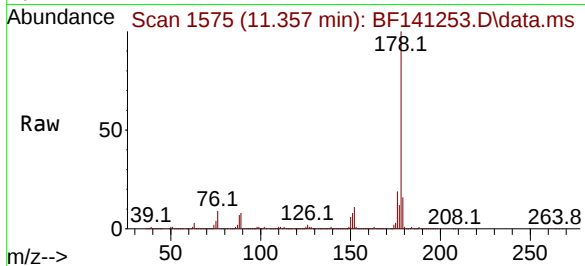




#71
Phenanthrene
Concen: 56.104 ng
RT: 11.357 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

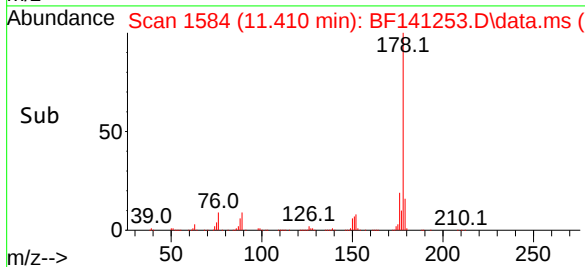
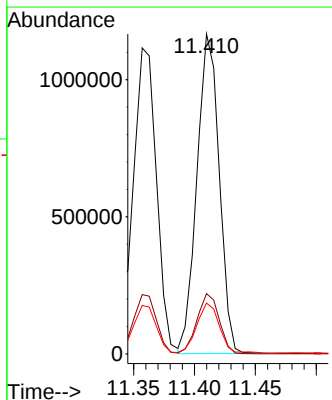
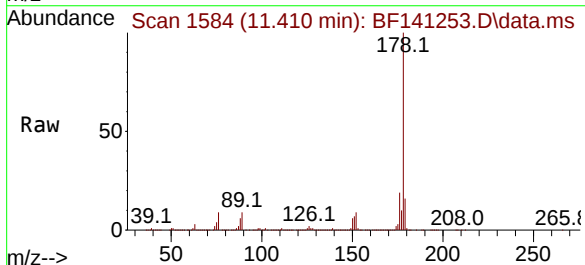
Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:178 Resp: 1496565
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.9 12.6 19.0



#72
Anthracene
Concen: 57.320 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:178 Resp: 1486707
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.9 12.6 19.0

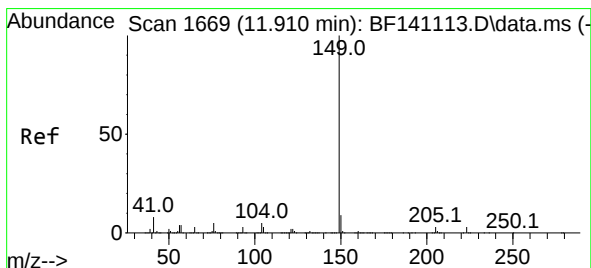
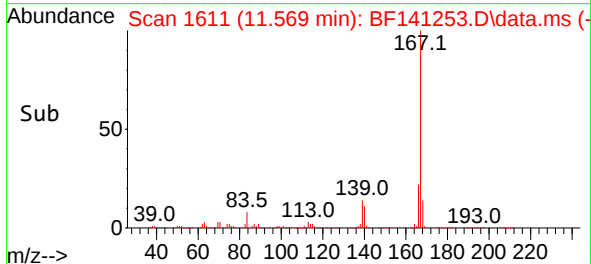
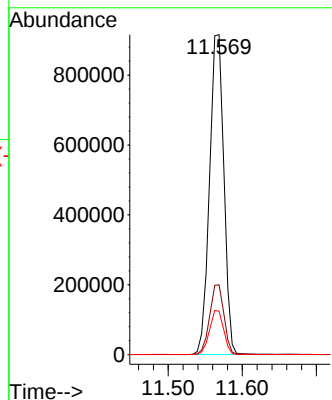
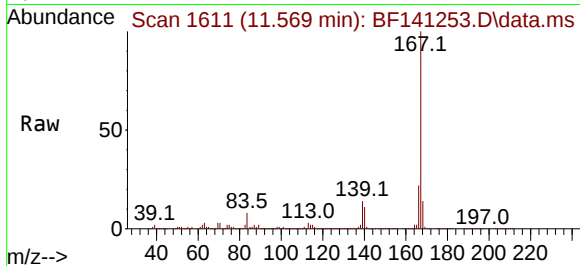




#73
Carbazole
Concen: 51.891 ng
RT: 11.569 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

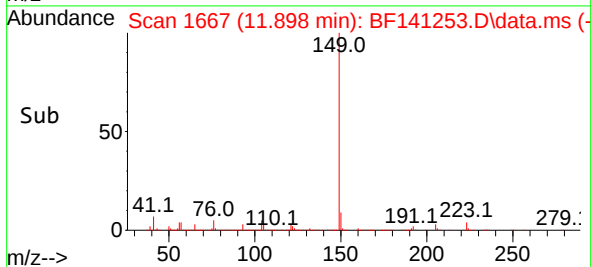
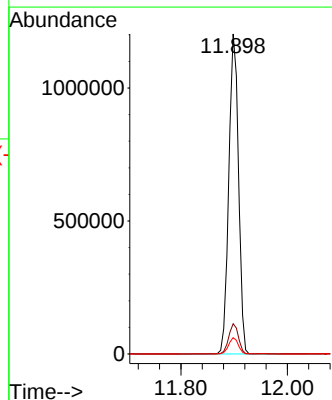
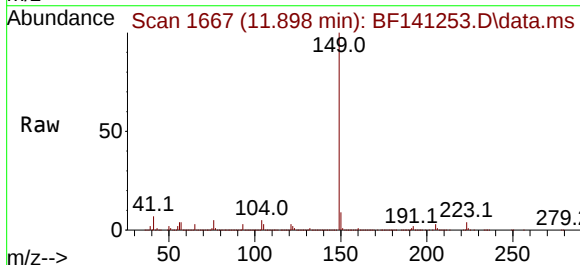
Instrument :
BNA_F
ClientSampleId :
281MS

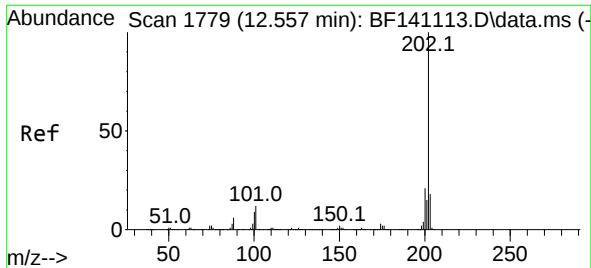
Tgt Ion:167 Resp: 1234100
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.6 10.9 16.3



#74
Di-n-butylphthalate
Concen: 55.636 ng
RT: 11.898 min Scan# 1667
Delta R.T. -0.012 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:149 Resp: 1514247
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 5.1 4.2 6.2

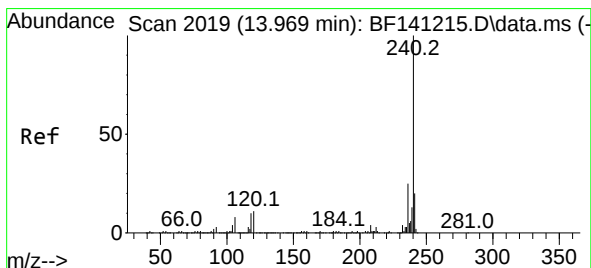
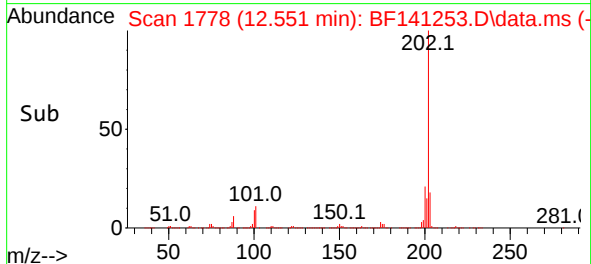
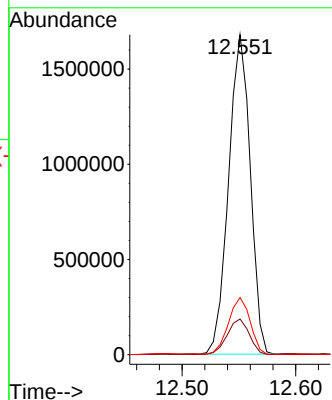
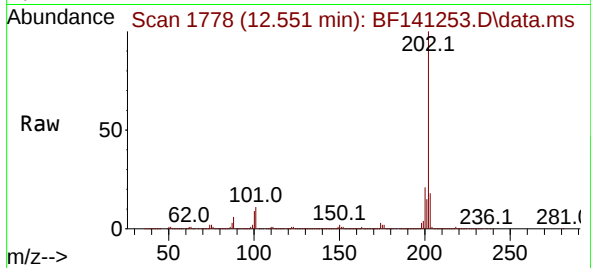




#75
Fluoranthene
Concen: 83.648 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

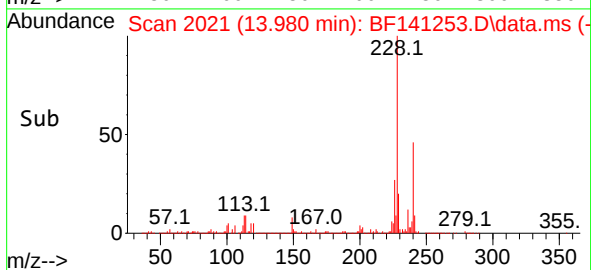
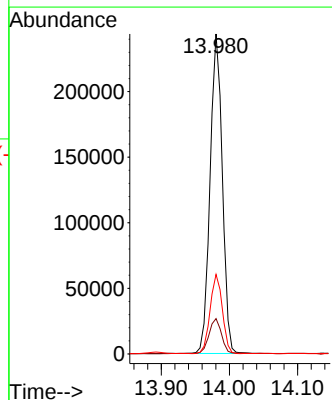
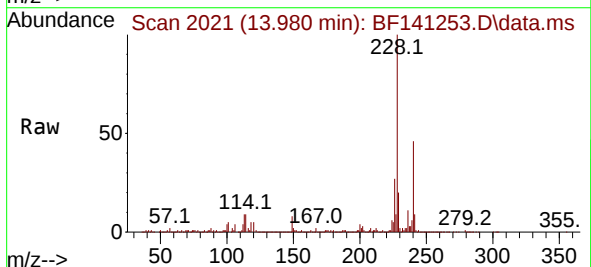
Instrument :
BNA_F
ClientSampleId :
281MS

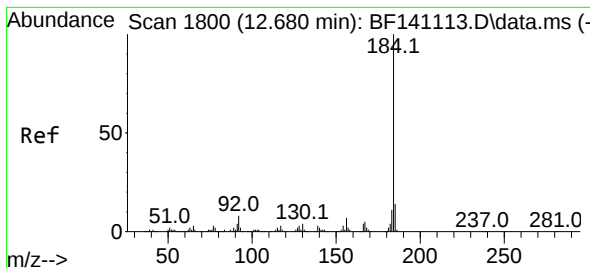
Tgt Ion:202 Resp: 2226607
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.3
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:240 Resp: 304446
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 24.9 19.8 29.6





#77

Benzidine

Concen: 63.373 ng

RT: 12.669 min Scan# 1798

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

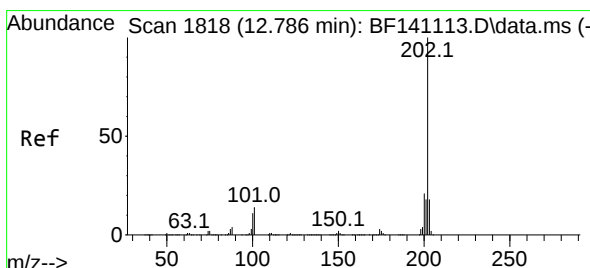
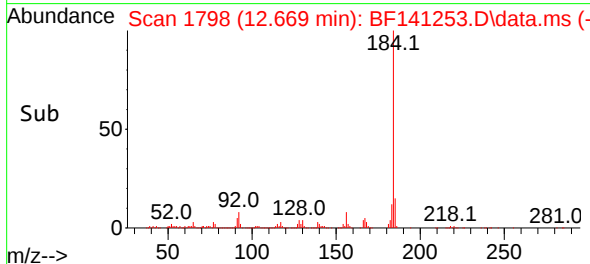
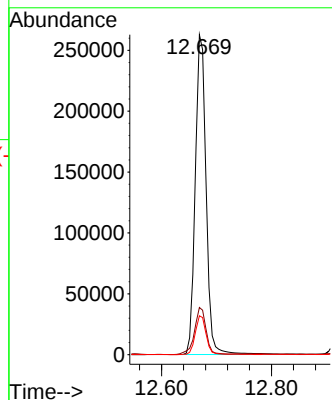
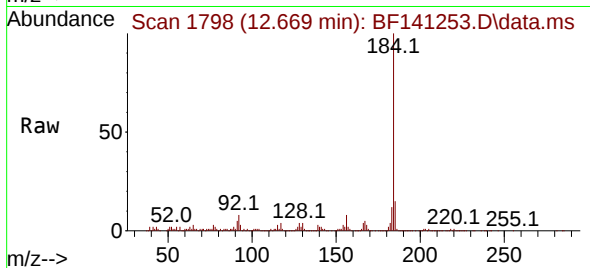
Tgt Ion:184 Resp: 357790

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

183 12.2 9.2 13.8



#78

Pyrene

Concen: 73.880 ng

RT: 12.780 min Scan# 1817

Delta R.T. -0.006 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

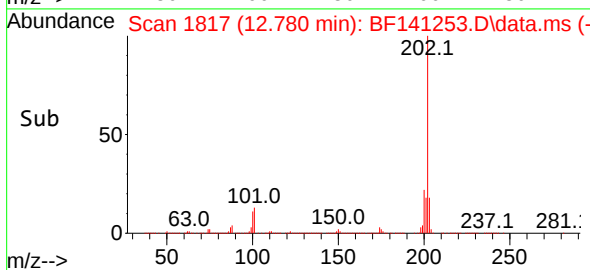
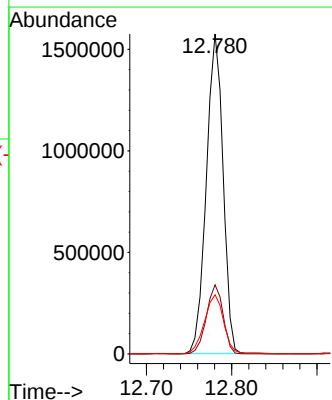
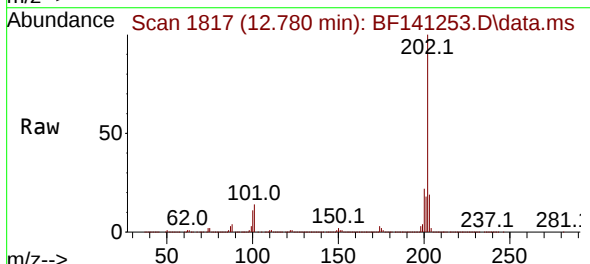
Tgt Ion:202 Resp: 2148324

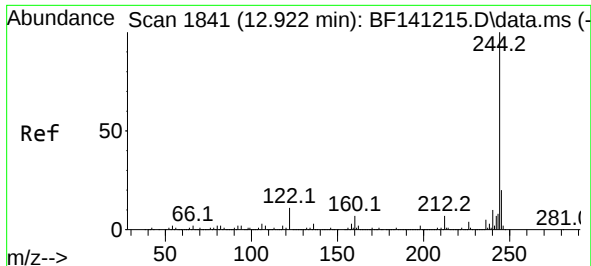
Ion Ratio Lower Upper

202 100

200 21.6 16.8 25.2

203 18.5 14.3 21.5

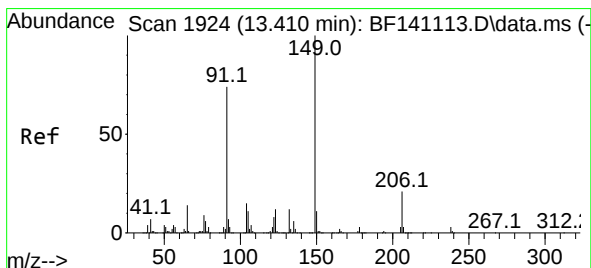
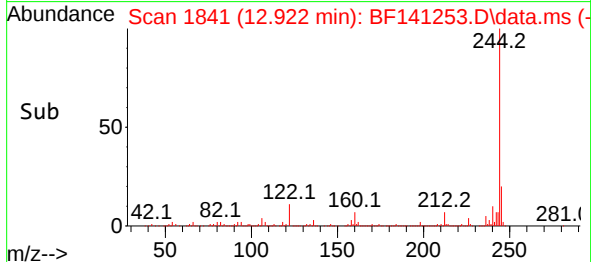
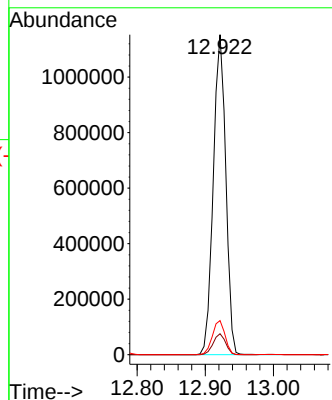
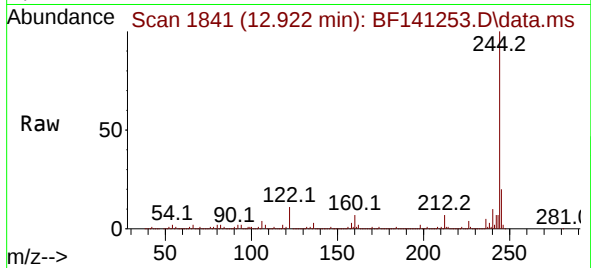




#79
 Terphenyl-d14
 Concen: 71.797 ng
 RT: 12.922 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

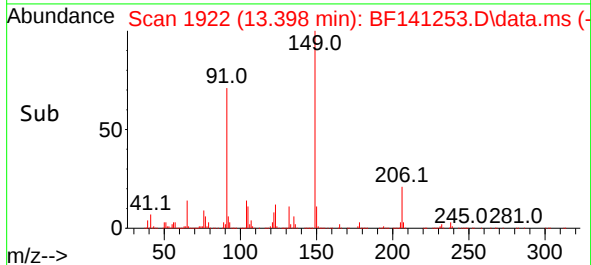
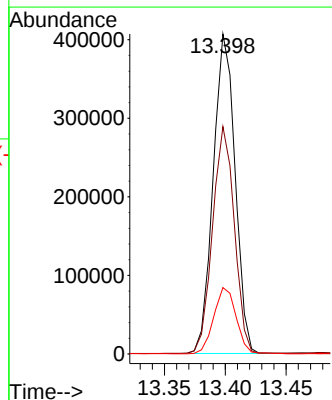
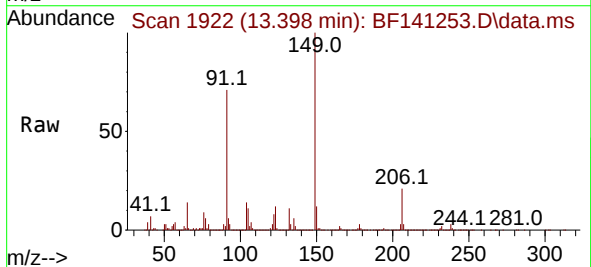
Instrument :
 BNA_F
 ClientSampleId :
 281MS

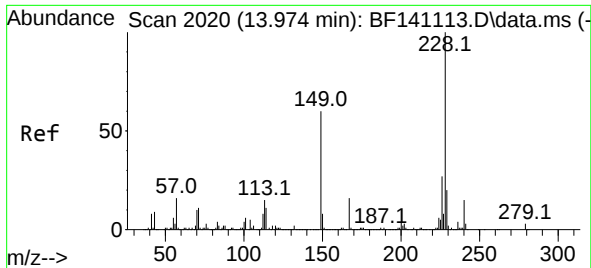
Tgt Ion:244 Resp: 1470650
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.6 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 52.495 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141253.D
 Acq: 23 Jan 2025 16:41

Tgt Ion:149 Resp: 508935
 Ion Ratio Lower Upper
 149 100
 91 71.0 59.0 88.6
 206 20.8 16.5 24.7

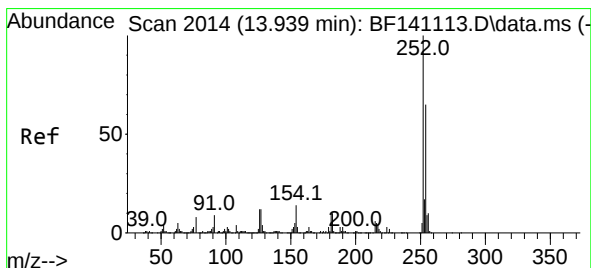
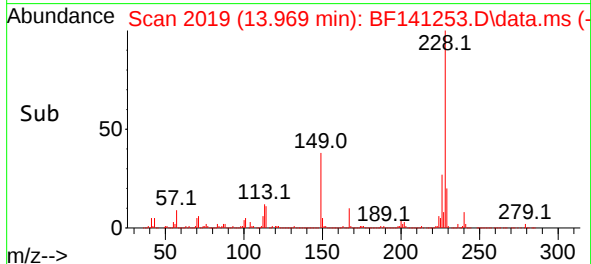
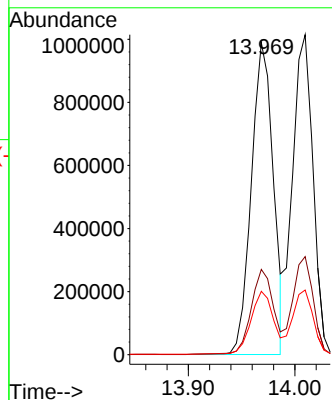
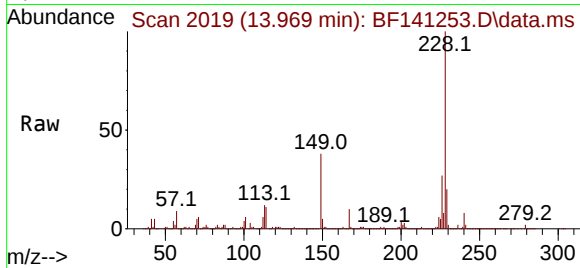




#81
Benzo(a)anthracene
Concen: 68.266 ng
RT: 13.969 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

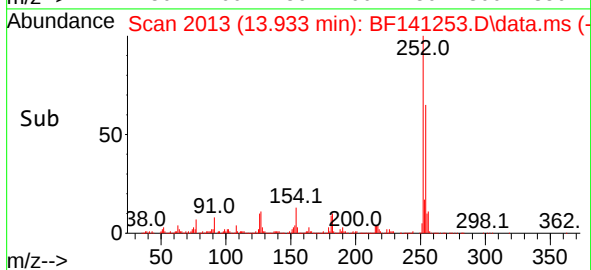
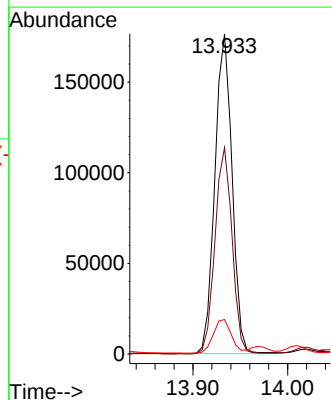
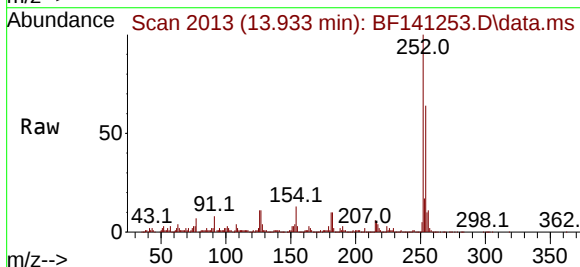
Instrument :
BNA_F
ClientSampleId :
281MS

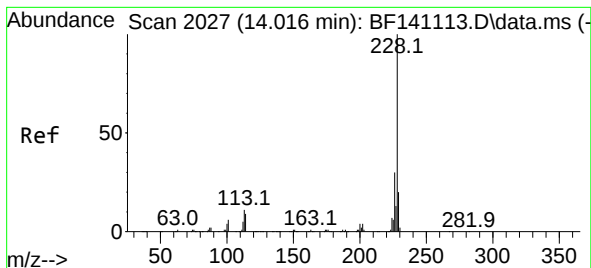
Tgt Ion:228 Resp: 1414433
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.3 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 33.718 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:252 Resp: 222449
Ion Ratio Lower Upper
252 100
254 64.5 52.0 78.0
126 10.7 9.4 14.0





#83

Chrysene

Concen: 69.707 ng

RT: 14.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

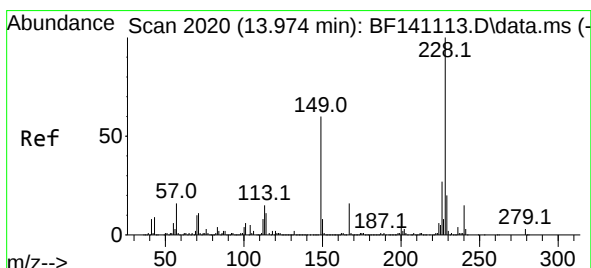
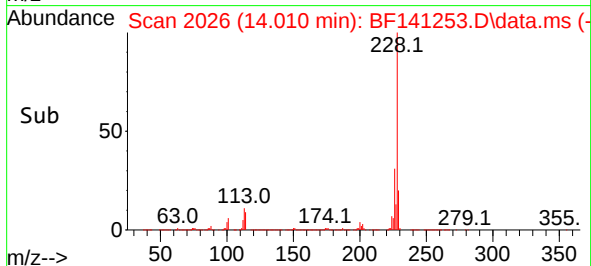
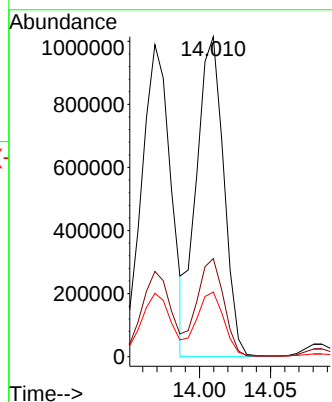
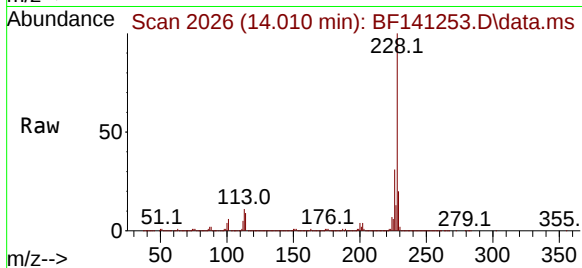
Tgt Ion:228 Resp: 1351394

Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.400 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

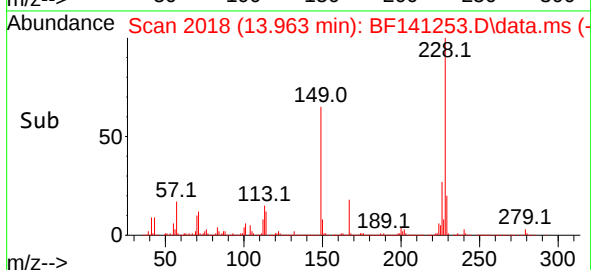
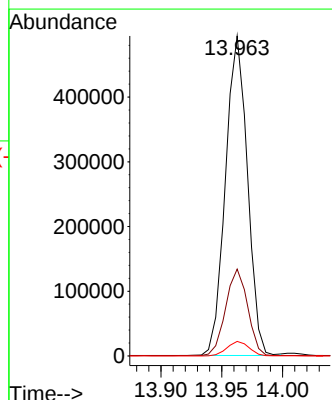
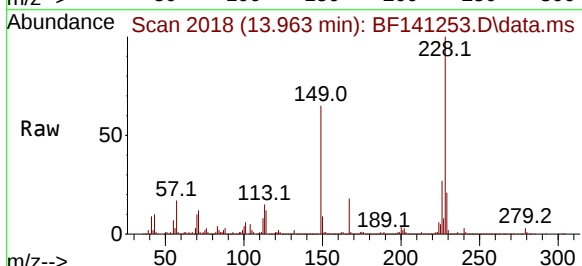
Tgt Ion:149 Resp: 621180

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.5 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 63.320 ng

RT: 14.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

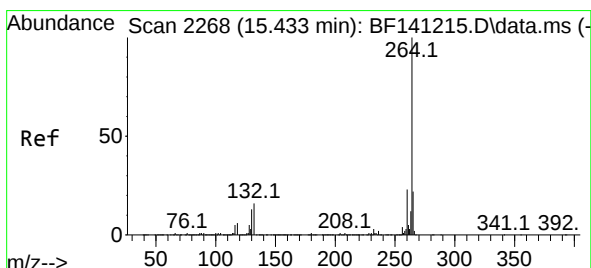
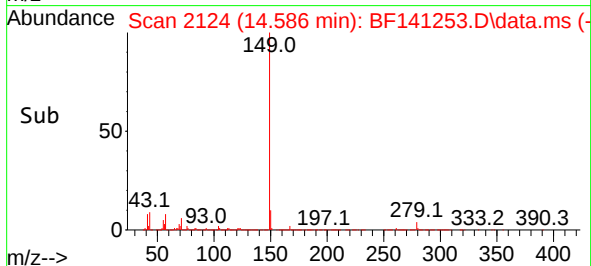
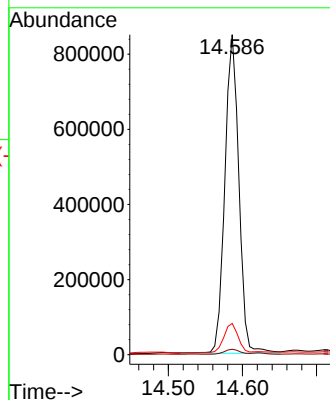
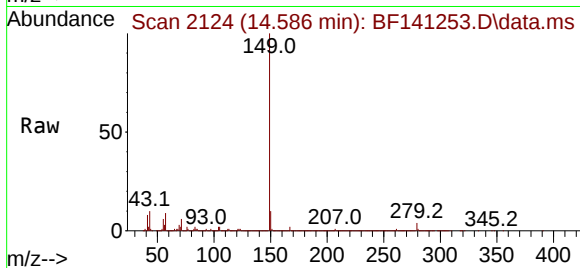
Tgt Ion:149 Resp: 1112279

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 9.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

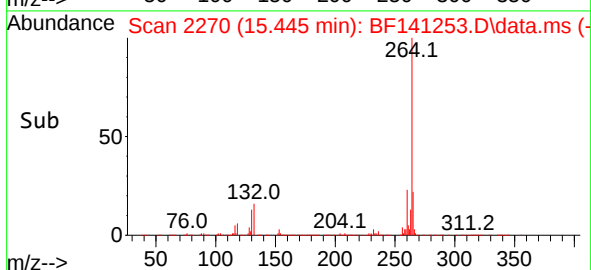
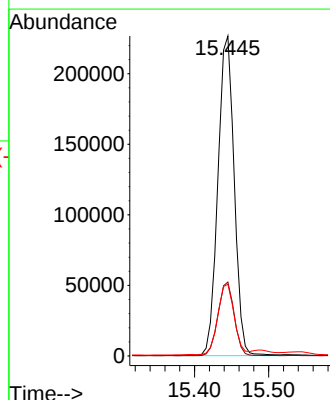
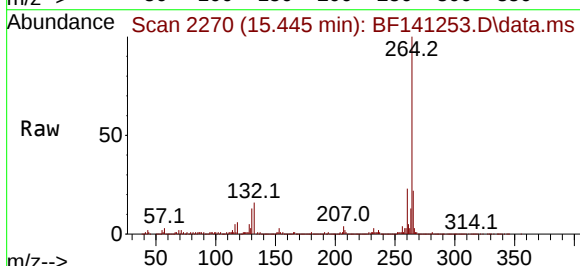
Tgt Ion:264 Resp: 345869

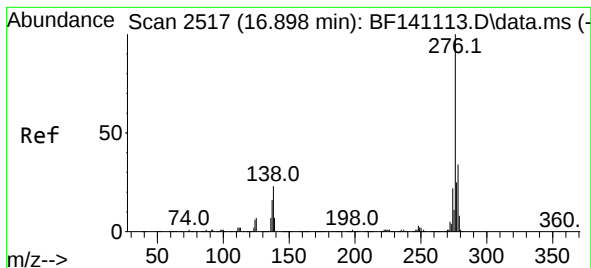
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.560 ng

RT: 16.904 min Scan# 2518

Delta R.T. 0.006 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

Instrument :

BNA_F

ClientSampleId :

281MS

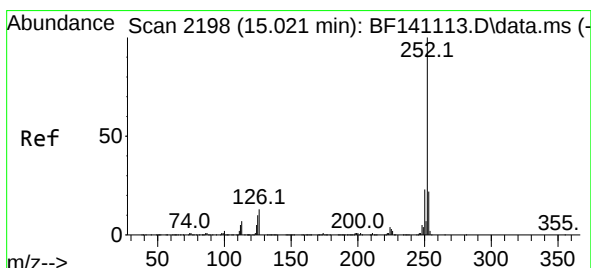
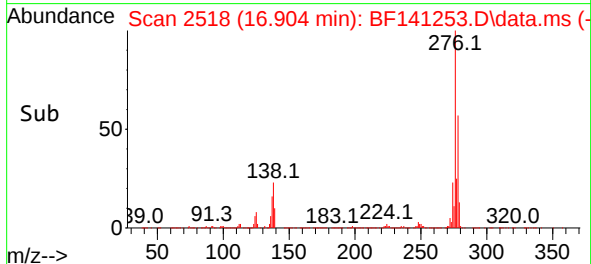
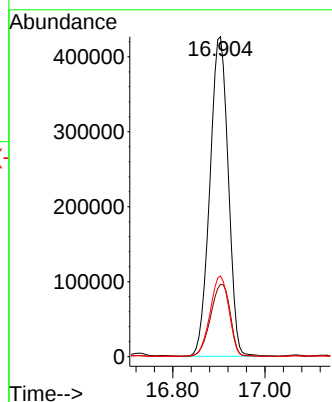
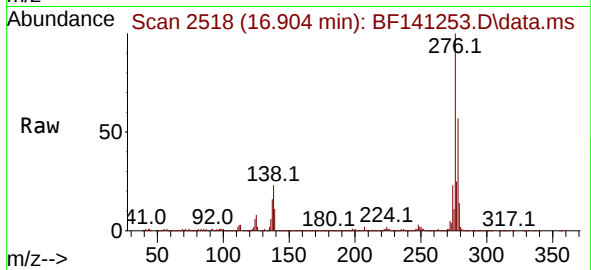
Tgt Ion:276 Resp: 1179803

Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 63.249 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141253.D

Acq: 23 Jan 2025 16:41

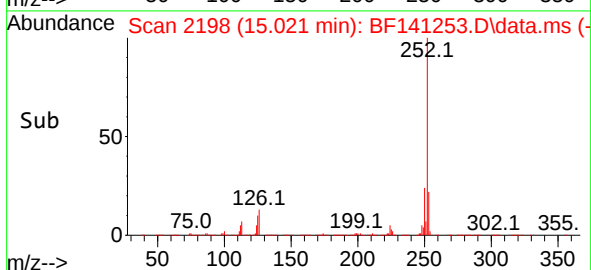
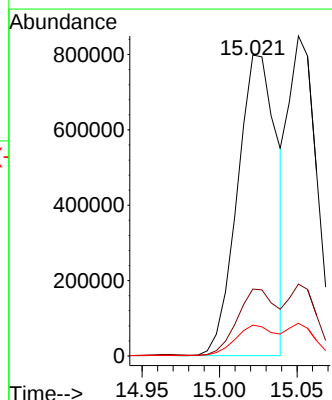
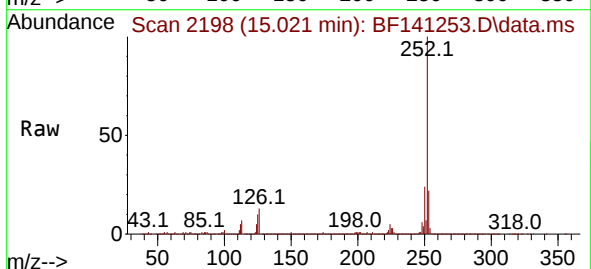
Tgt Ion:252 Resp: 1410623

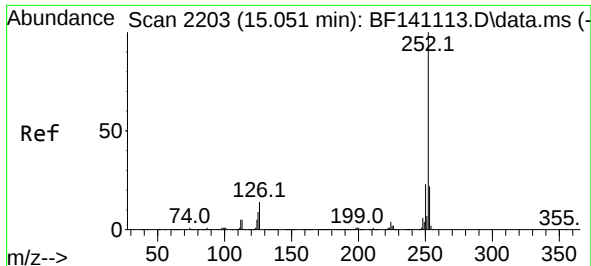
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.3 8.1 12.1

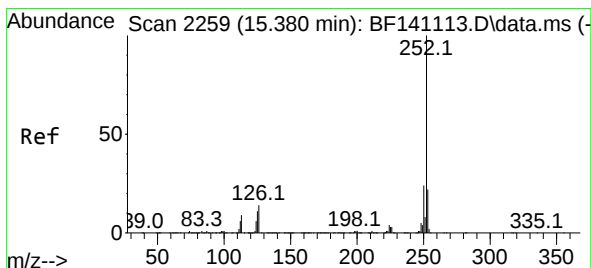
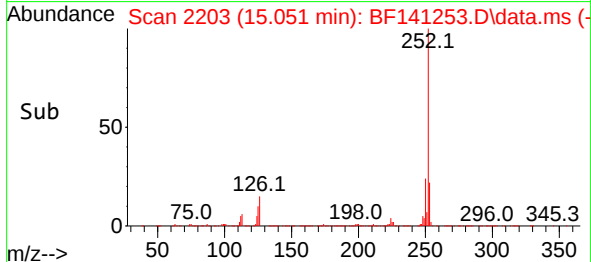
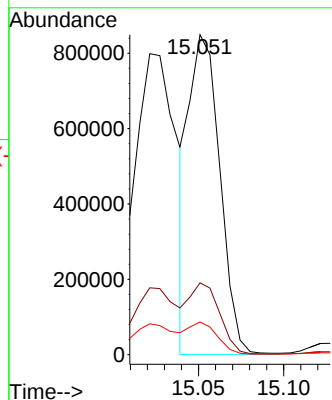
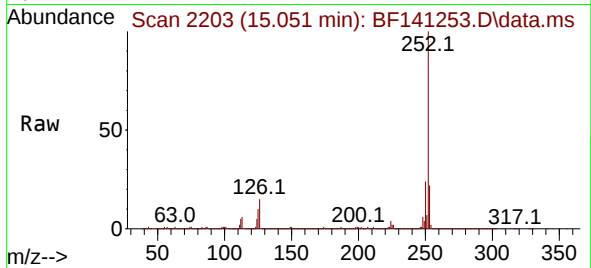




#89
Benzo(k)fluoranthene
Concen: 56.952 ng
RT: 15.051 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

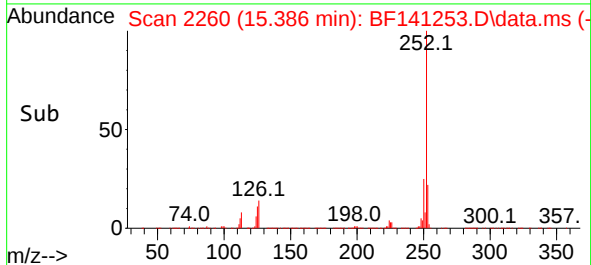
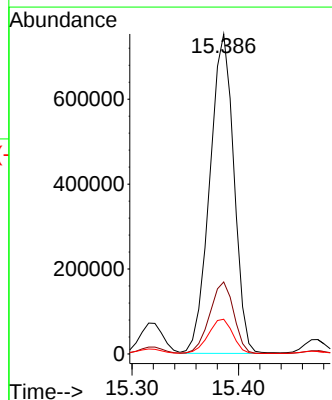
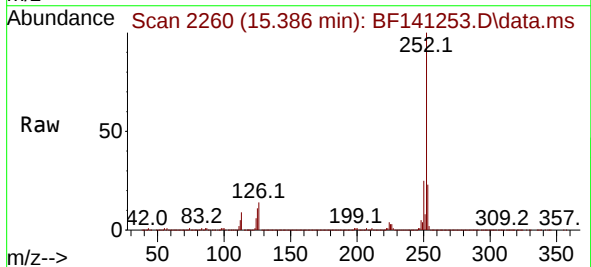
Instrument :
BNA_F
ClientSampleId :
281MS

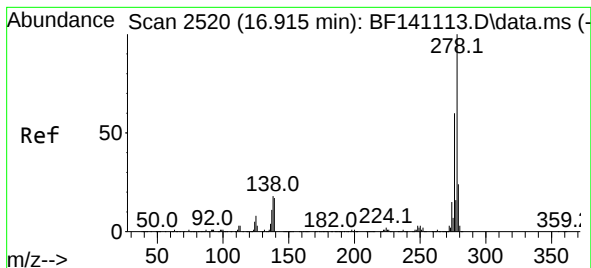
Tgt Ion:252 Resp: 1073422
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.2 7.9 11.9



#90
Benzo(a)pyrene
Concen: 64.236 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:252 Resp: 1182004
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 10.9 9.1 13.7

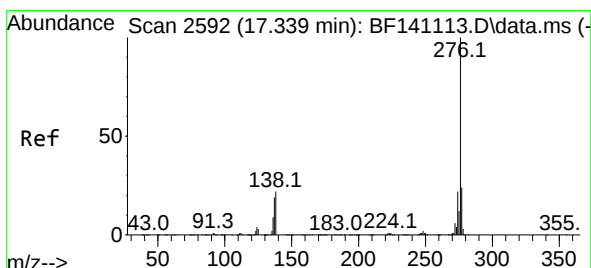
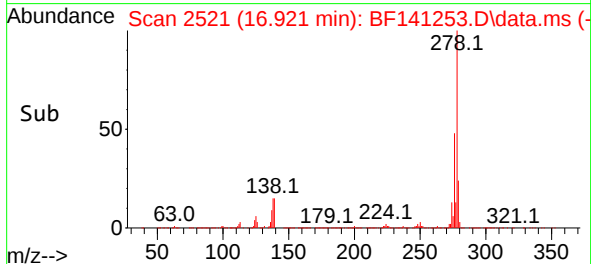
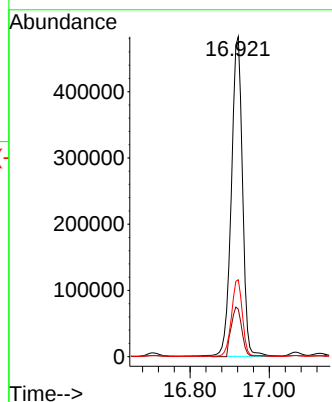
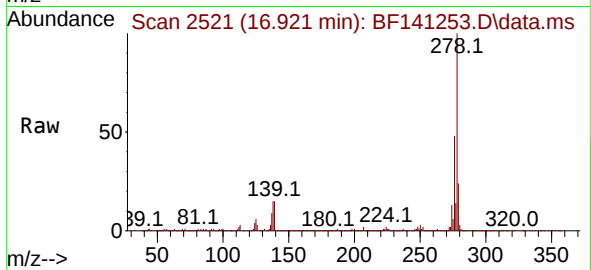




#91
Dibenzo(a,h)anthracene
Concen: 45.965 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Instrument :
BNA_F
ClientSampleId :
281MS

Tgt Ion:278 Resp: 942045
Ion Ratio Lower Upper
278 100
139 14.8 13.8 20.6
279 24.0 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.038 ng
RT: 17.339 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF141253.D
Acq: 23 Jan 2025 16:41

Tgt Ion:276 Resp: 853512
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 20.5 17.4 26.2

