

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141165.D
 Acq On : 15 Jan 2025 10:26
 Operator : RC/JU
 Sample : PB166035BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166035BS

Quant Time: Jan 15 15:25:10 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	6.822	152	141578	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	559409	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	296383	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	515619	20.000	ng	0.00
76) Chrysene-d12	13.986	240	346259	20.000	ng	0.00
86) Perylene-d12	15.445	264	300143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1172779	127.966	ng	0.01
7) Phenol-d6	6.451	99	1474065	126.975	ng	0.00
23) Nitrobenzene-d5	7.387	82	936087	88.702	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	495813	146.817	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1718604	88.547	ng	0.00
79) Terphenyl-d14	12.933	244	2066373	88.698	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	160491	39.324	ng	99
3) Pyridine	3.381	79	403464	40.314	ng	97
4) n-Nitrosodimethylamine	3.328	42	219085	44.770	ng	99
6) Aniline	6.481	93	412595	40.030	ng	95
8) 2-Chlorophenol	6.604	128	462455	47.032	ng	97
9) Benzaldehyde	6.369	77	57336	8.386	ng	98
10) Phenol	6.463	94	559240	45.001	ng	94
11) bis(2-Chloroethyl)ether	6.557	93	420510	45.405	ng	97
12) 1,3-Dichlorobenzene	6.763	146	482405	43.989	ng	99
13) 1,4-Dichlorobenzene	6.840	146	488566	44.210	ng	99
14) 1,2-Dichlorobenzene	6.993	146	468309	45.430	ng	98
15) Benzyl Alcohol	6.963	79	398751	47.562	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	565830	43.782	ng	96
17) 2-Methylphenol	7.075	107	367457	46.289	ng	99
18) Hexachloroethane	7.334	117	181232	45.349	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	305153	44.623	ng	99
20) 3+4-Methylphenols	7.222	107	453804	45.312	ng	92
22) Acetophenone	7.228	105	598908	45.036	ng	# 94
24) Nitrobenzene	7.404	77	472430	42.953	ng	99
25) Isophorone	7.645	82	826977	45.854	ng	98
26) 2-Nitrophenol	7.716	139	240239	48.018	ng	96
27) 2,4-Dimethylphenol	7.757	122	371757	55.087	ng	100
28) bis(2-Chloroethoxy)met...	7.851	93	500129	44.187	ng	100
29) 2,4-Dichlorophenol	7.957	162	374851	46.769	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	394294	43.039	ng	99
31) Naphthalene	8.128	128	1315926	44.606	ng	100
32) Benzoic acid	7.869	122	284542	43.954	ng	99
33) 4-Chloroaniline	8.169	127	225845	22.136	ng	99
34) Hexachlorobutadiene	8.245	225	241357	43.722	ng	100
35) Caprolactam	8.540	113	74292	28.312	ng	97
36) 4-Chloro-3-methylphenol	8.651	107	410698	46.854	ng	97
37) 2-Methylnaphthalene	8.816	142	857406	45.609	ng	99
38) 1-Methylnaphthalene	8.916	142	789241	42.599	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	389876	45.831	ng	99
41) Hexachlorocyclopentadiene	8.969	237	496501	178.397	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	276357	48.169	ng	99

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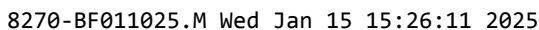
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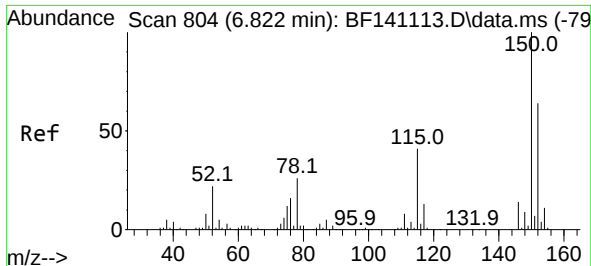
Quant Time: Jan 15 15:25:10 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	272593	44.988	ng	99
46) 1,1'-Biphenyl	9.281	154	1040938	45.225	ng	99
47) 2-Chloronaphthalene	9.304	162	794541	44.320	ng	100
48) 2-Nitroaniline	9.404	65	254121	47.818	ng	98
49) Acenaphthylene	9.722	152	1247717	48.714	ng	99
50) Dimethylphthalate	9.586	163	919633	46.219	ng	100
51) 2,6-Dinitrotoluene	9.645	165	208657	45.095	ng	98
52) Acenaphthene	9.898	154	923120	51.587	ng	100
53) 3-Nitroaniline	9.810	138	132071	28.088	ng	99
54) 2,4-Dinitrophenol	9.922	184	235763	107.198	ng	95
55) Dibenzofuran	10.069	168	1124811	46.212	ng	99
56) 4-Nitrophenol	9.975	139	371142	100.786	ng	98
57) 2,4-Dinitrotoluene	10.051	165	294883	49.452	ng	98
58) Fluorene	10.410	166	875091	46.277	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	247930	49.226	ng	99
60) Diethylphthalate	10.286	149	881421	45.376	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	416366	45.177	ng	99
62) 4-Nitroaniline	10.428	138	223312	48.524	ng	99
63) Azobenzene	10.563	77	869933	45.387	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	158478	53.041	ng	96
66) n-Nitrosodiphenylamine	10.522	169	771997	46.419	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	269230	45.353	ng	98
68) Hexachlorobenzene	10.957	284	309514	46.838	ng	99
69) Atrazine	11.051	200	265941	59.388	ng	99
70) Pentachlorophenol	11.151	266	404666	95.622	ng	100
71) Phenanthrene	11.375	178	1332947	48.152	ng	99
72) Anthracene	11.422	178	1367788	50.816	ng	100
73) Carbazole	11.575	167	1223450	49.571	ng	100
74) Di-n-butylphthalate	11.910	149	1338545	47.390	ng	100
75) Fluoranthene	12.557	202	1419075	51.371	ng	99
77) Benzidine	12.680	184	337816	52.610	ng	99
78) Pyrene	12.792	202	1442231	43.609	ng	99
80) Butylbenzylphthalate	13.410	149	523212	47.451	ng	99
81) Benzo(a)anthracene	13.974	228	1103435	46.825	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	232976	31.049	ng	100
83) Chrysene	14.016	228	960710	43.571	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	618547	46.753	ng	99
85) Di-n-octyl phthalate	14.586	149	881680	44.131	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1004718	45.691	ng	98
88) Benzo(b)fluoranthene	15.021	252	949809	49.075	ng	99
89) Benzo(k)fluoranthene	15.051	252	768181	46.966	ng	100
90) Benzo(a)pyrene	15.386	252	807216	50.551	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	806473	45.345	ng	98
92) Benzo(g,h,i)perylene	17.345	276	761728	41.176	ng	99

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

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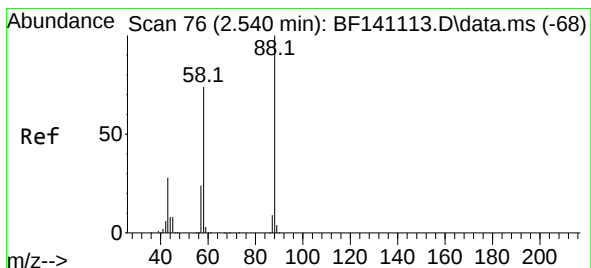
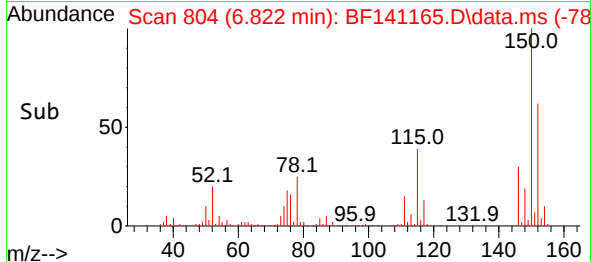
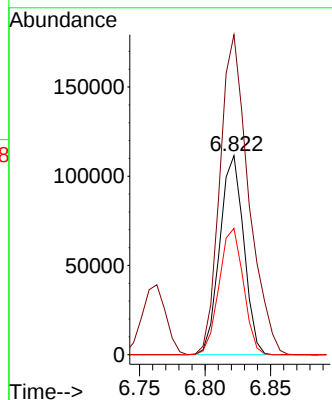
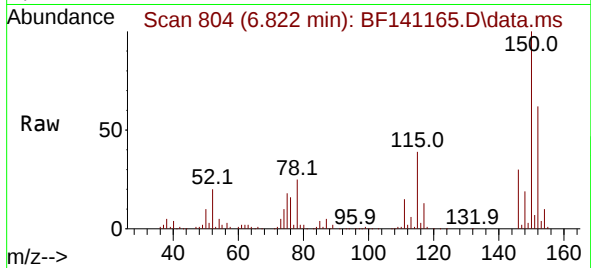




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141165.D
 Acq: 15 Jan 2025 10:26

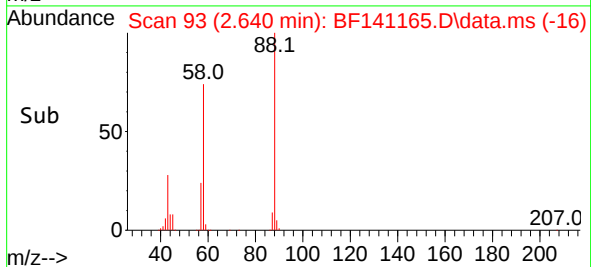
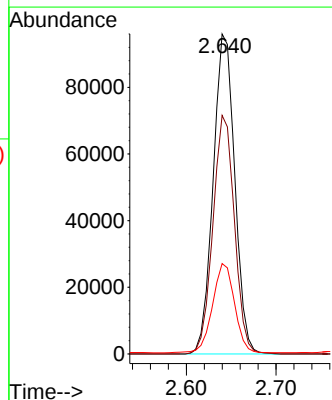
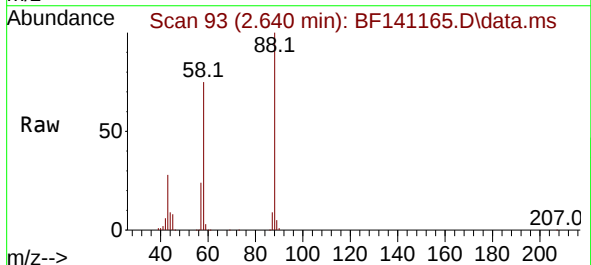
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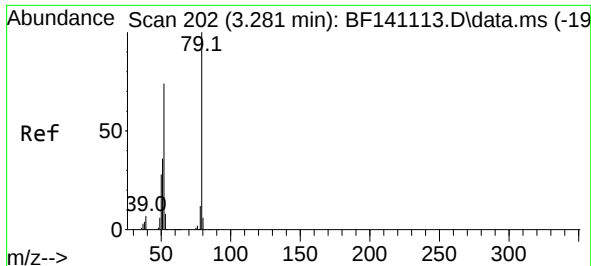
Tgt Ion:152 Resp: 141578
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.8 188.8
 115 63.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 39.324 ng
 RT: 2.640 min Scan# 93
 Delta R.T. 0.100 min
 Lab File: BF141165.D
 Acq: 15 Jan 2025 10:26

Tgt Ion: 88 Resp: 160491
 Ion Ratio Lower Upper
 88 100
 58 74.3 60.1 90.1
 43 28.5 23.1 34.7

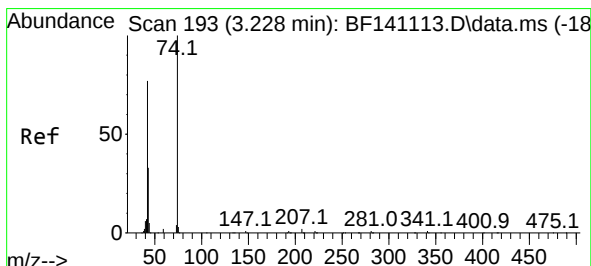
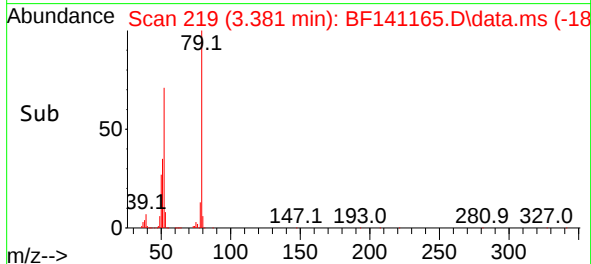
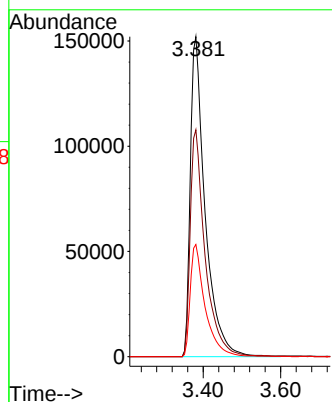
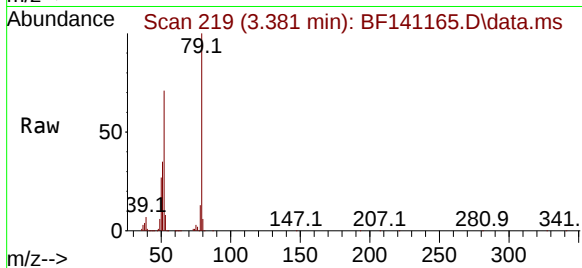




#3
Pyridine
Concen: 40.314 ng
RT: 3.381 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

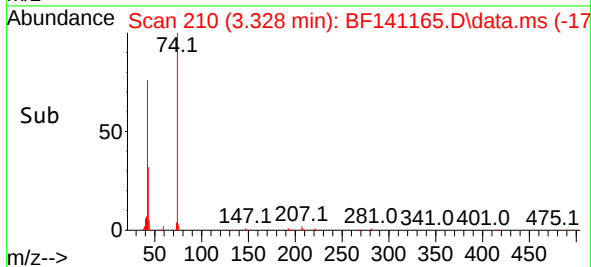
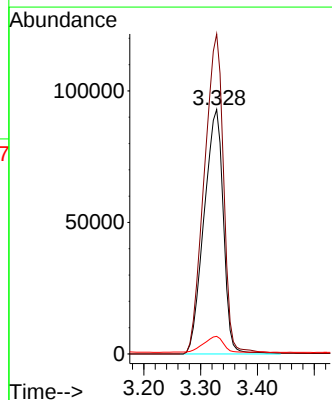
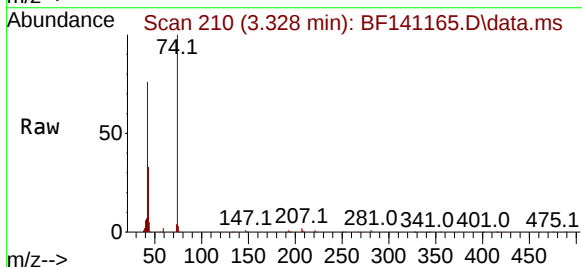
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion: 79 Resp: 403464
Ion Ratio Lower Upper
79 100
52 70.9 58.9 88.3
51 35.0 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 44.770 ng
RT: 3.328 min Scan# 210
Delta R.T. 0.100 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 42 Resp: 219085
Ion Ratio Lower Upper
42 100
74 130.9 103.8 155.6
44 7.2 5.3 7.9

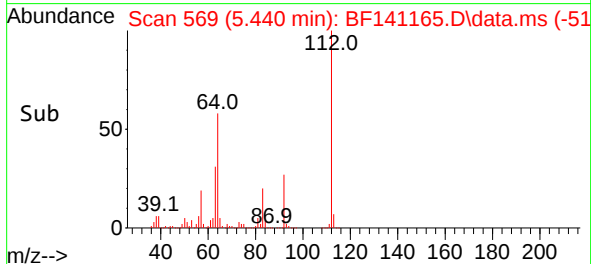
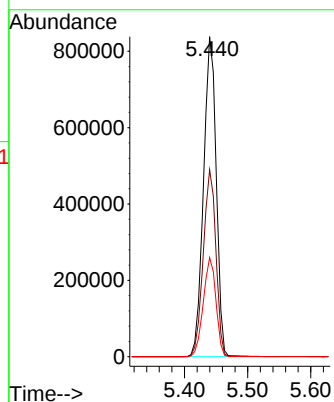
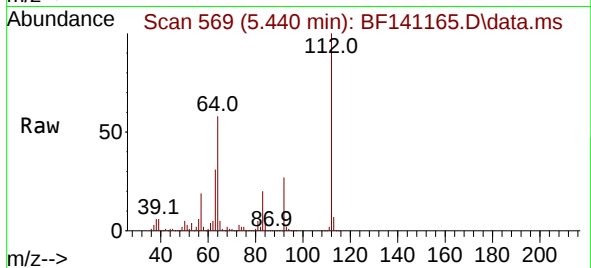




#5
2-Fluorophenol
Concen: 127.966 ng
RT: 5.440 min Scan# 509
Delta R.T. 0.012 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

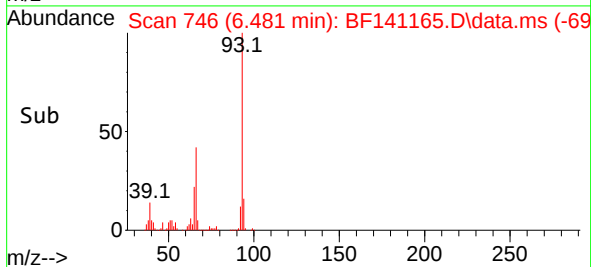
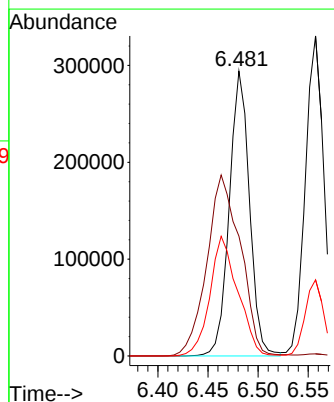
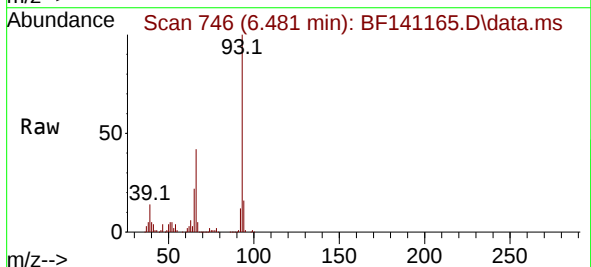
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:112 Resp: 1172779
Ion Ratio Lower Upper
112 100
64 58.5 47.3 70.9
63 31.0 24.2 36.2



#6
Aniline
Concen: 40.030 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 93 Resp: 412595
Ion Ratio Lower Upper
93 100
66 42.1 31.5 47.3
65 21.6 15.3 22.9

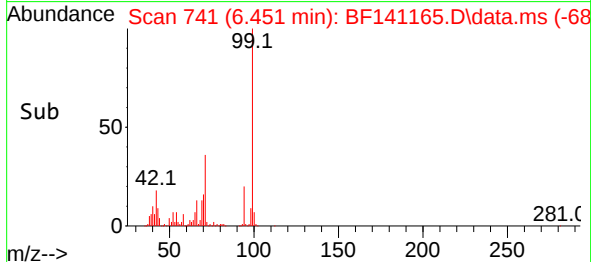
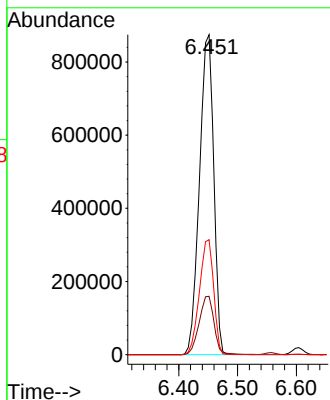
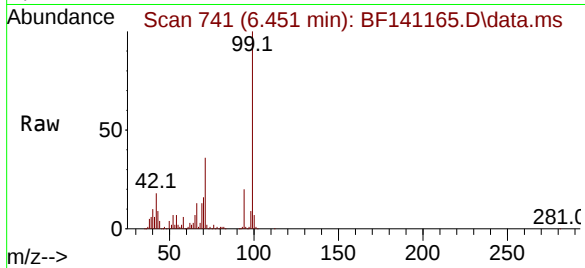




#7
Phenol-d6
Concen: 126.975 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

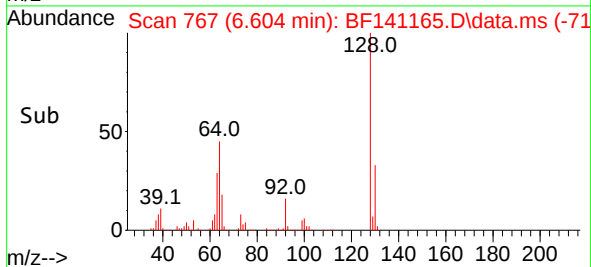
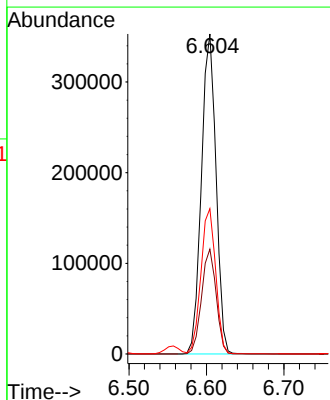
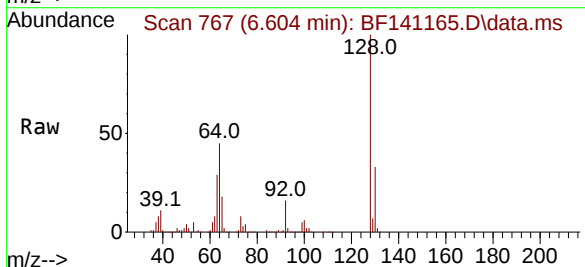
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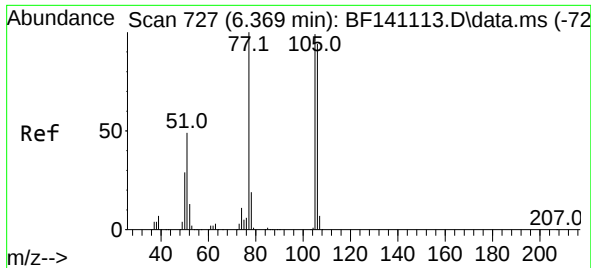
Tgt Ion: 99 Resp: 1474065
Ion Ratio Lower Upper
99 100
42 18.3 15.0 22.4
71 36.0 27.6 41.4



#8
2-Chlorophenol
Concen: 47.032 ng
RT: 6.604 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 128 Resp: 462455
Ion Ratio Lower Upper
128 100
130 32.8 12.5 52.5
64 45.4 28.3 68.3

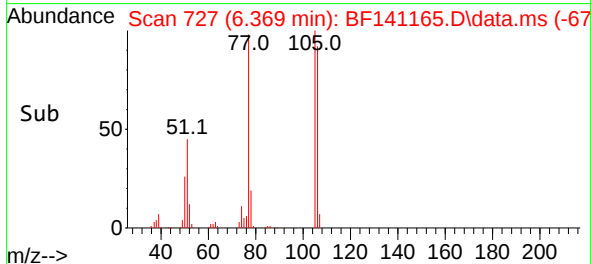
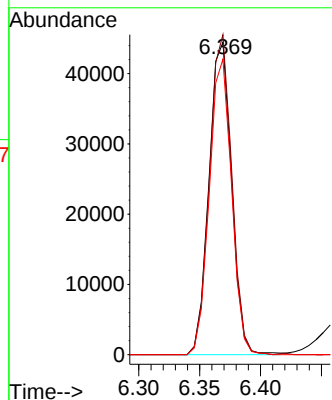
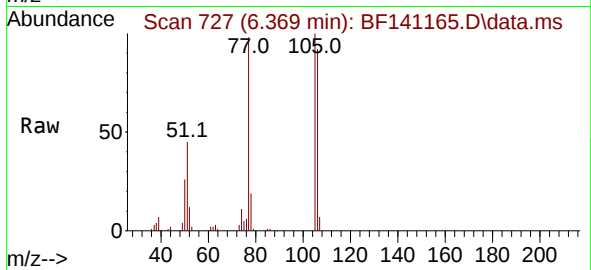




#9
Benzaldehyde
Concen: 8.386 ng
RT: 6.369 min Scan# 727
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

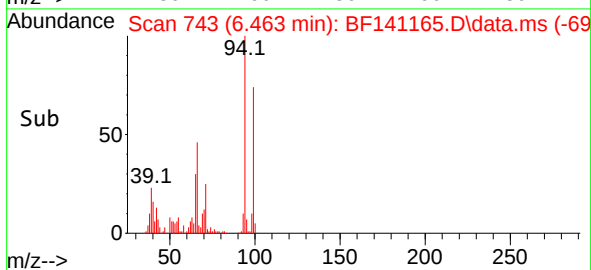
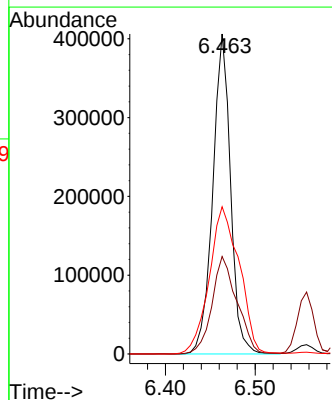
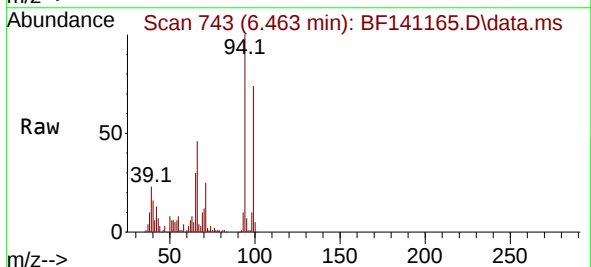
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion: 77 Resp: 57336
Ion Ratio Lower Upper
77 100
105 102.4 78.9 118.9
106 94.6 73.6 113.6



#10
Phenol
Concen: 45.001 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 94 Resp: 559240
Ion Ratio Lower Upper
94 100
65 30.4 8.9 48.9
66 46.0 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 45.405 ng

RT: 6.557 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

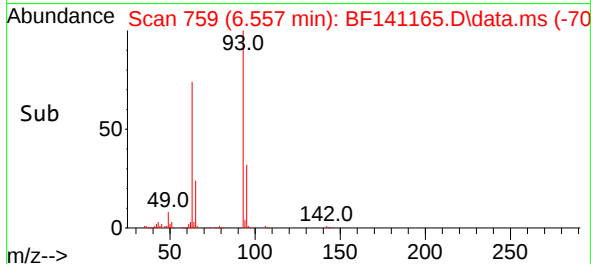
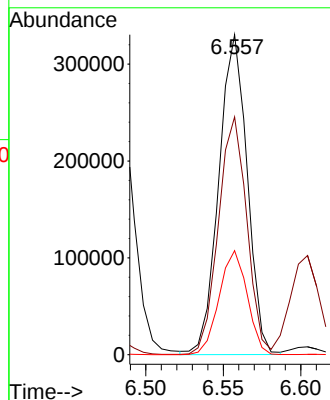
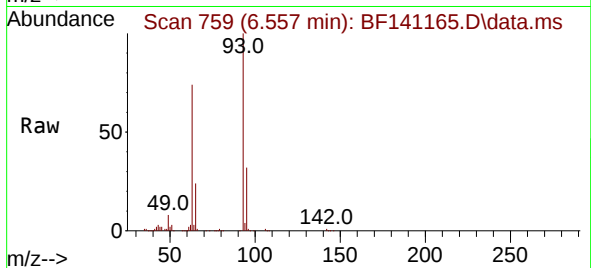
Tgt Ion: 93 Resp: 420510

Ion Ratio Lower Upper

93 100

63 74.3 58.0 98.0

95 32.5 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 43.989 ng

RT: 6.763 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

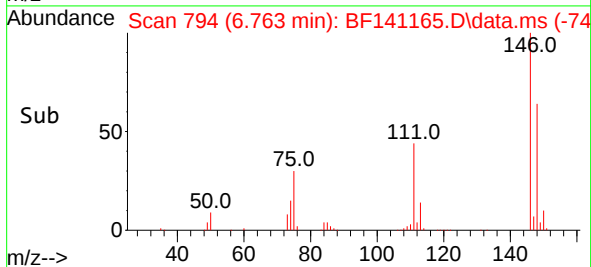
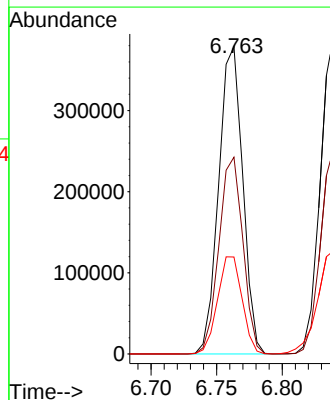
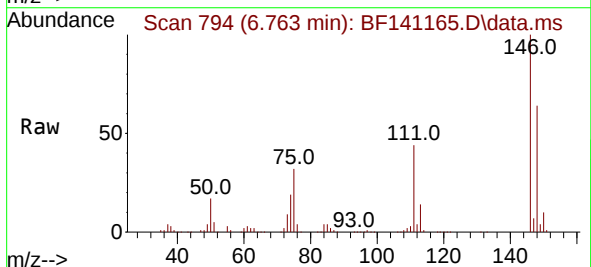
Tgt Ion:146 Resp: 482405

Ion Ratio Lower Upper

146 100

148 64.0 51.6 77.4

75 31.6 26.2 39.2

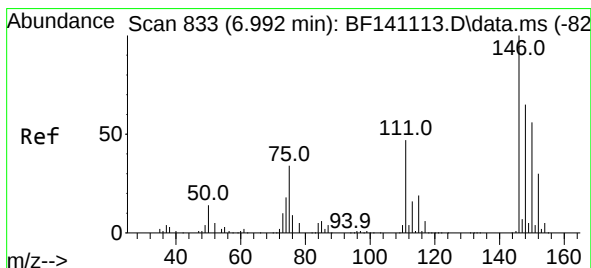
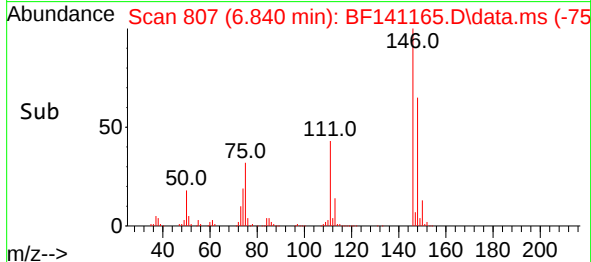
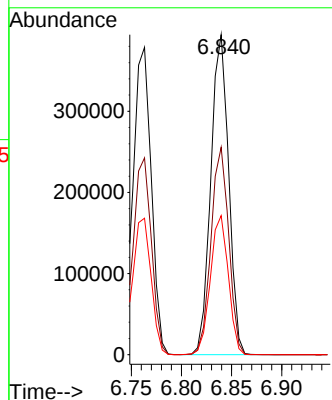
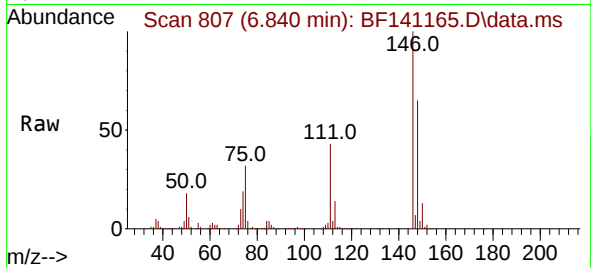




#13
1,4-Dichlorobenzene
Concen: 44.210 ng
RT: 6.840 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

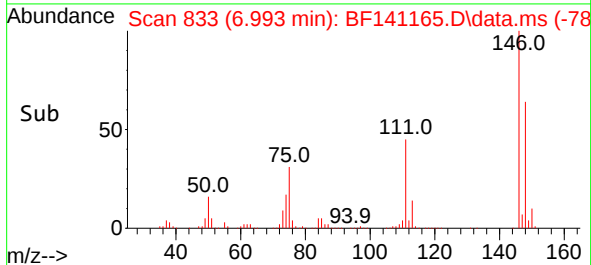
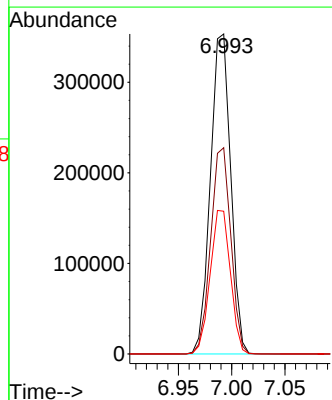
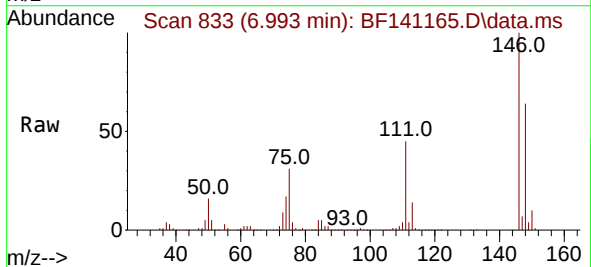
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:146 Resp: 488566
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 45.430 ng
RT: 6.993 min Scan# 833
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:146 Resp: 468309
Ion Ratio Lower Upper
146 100
148 64.5 52.2 78.4
111 44.6 37.5 56.3

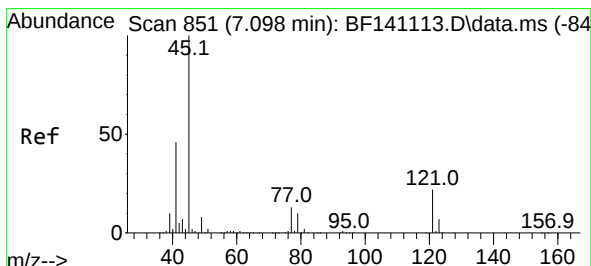
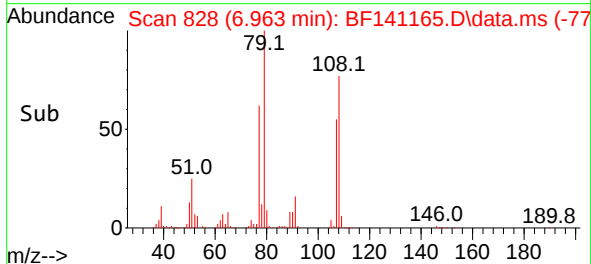
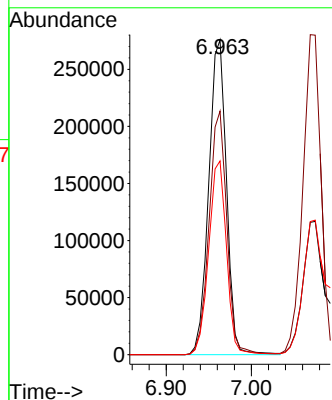
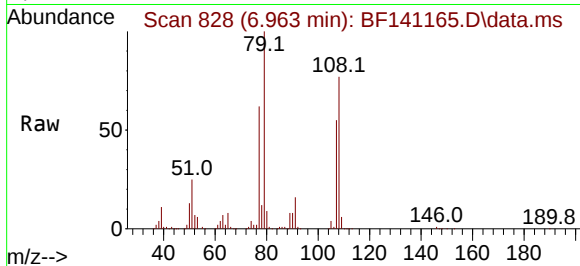




#15
Benzyl Alcohol
Concen: 47.562 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

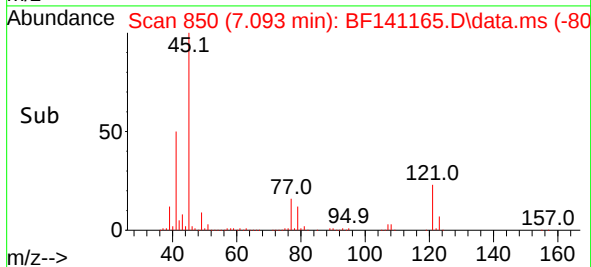
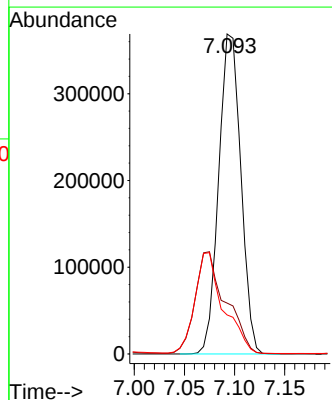
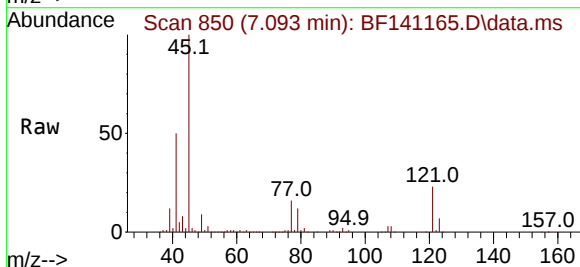
Instrument :
BNA_F
ClientSampleId :
PB166035BS

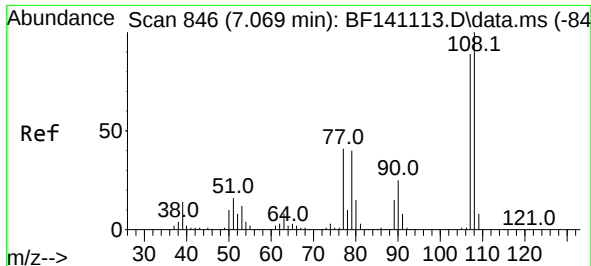
Tgt Ion: 79 Resp: 398751
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 61.6 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.782 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 45 Resp: 565830
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.1
79 12.2 0.0 31.0

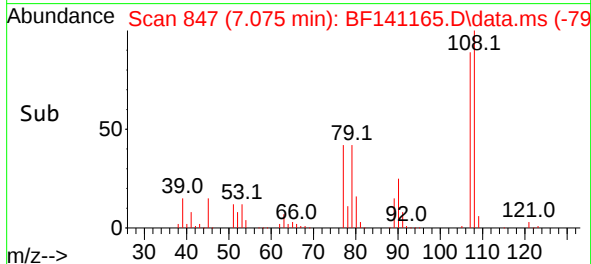
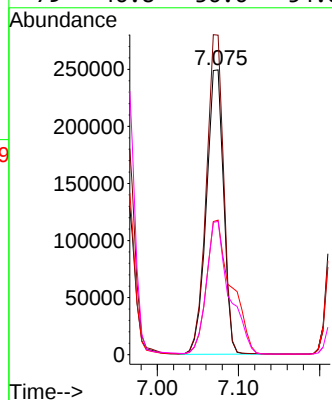
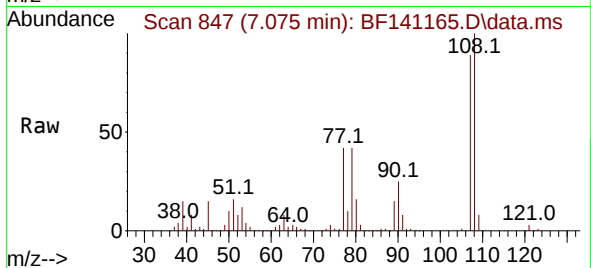




#17
2-Methylphenol
Concen: 46.289 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

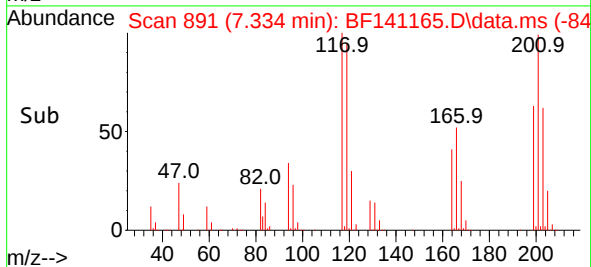
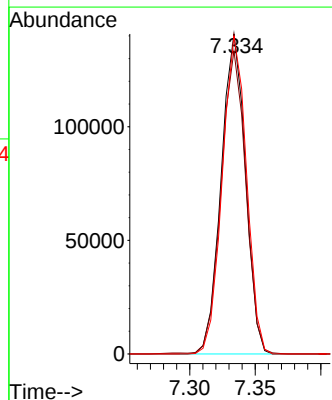
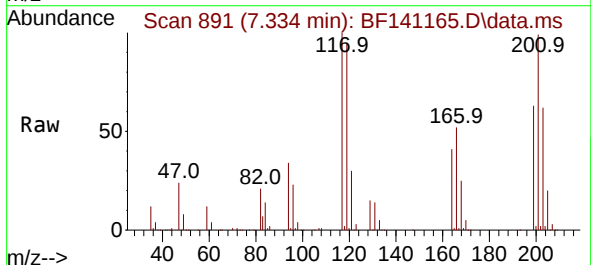
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:107 Resp: 367457
Ion Ratio Lower Upper
107 100
108 112.2 90.1 135.1
77 47.2 36.6 55.0
79 46.8 36.6 54.8



#18
Hexachloroethane
Concen: 45.349 ng
RT: 7.334 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:117 Resp: 181232
Ion Ratio Lower Upper
117 100
119 94.8 77.6 116.4
201 99.4 75.1 112.7

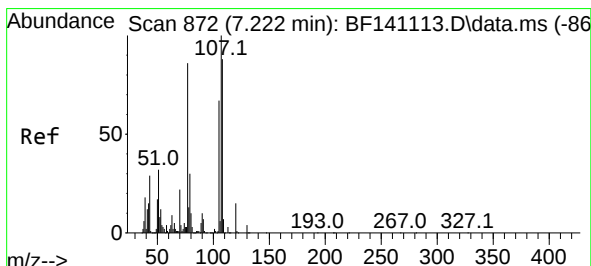
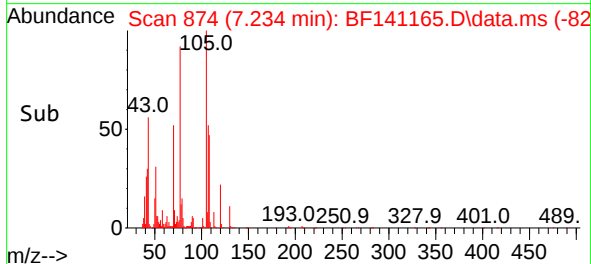
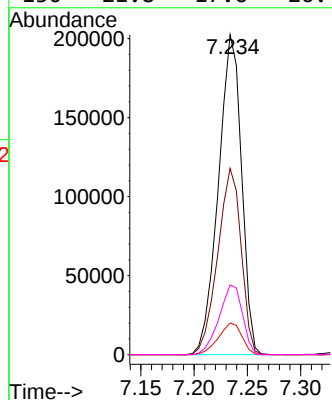
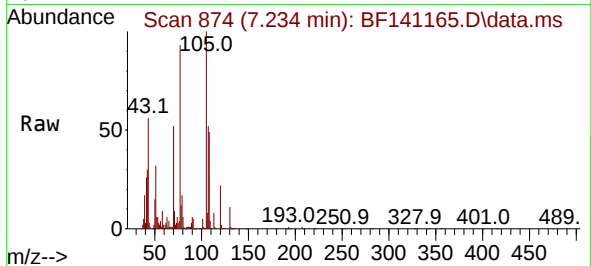




#19
n-Nitroso-di-n-propylamine
Concen: 44.623 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

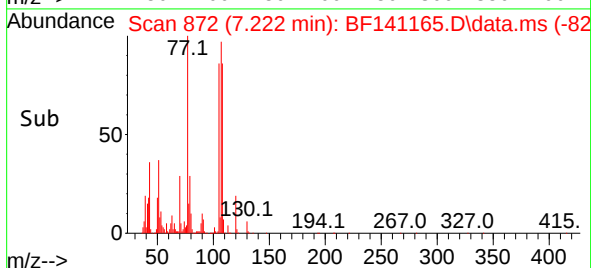
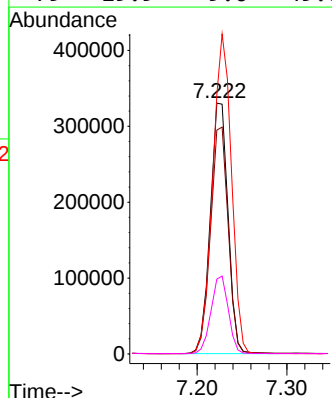
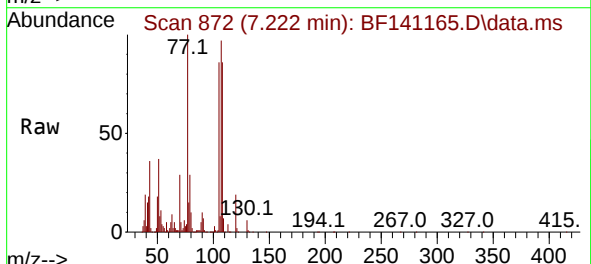
Instrument :
BNA_F
ClientSampleId :
PB166035BS

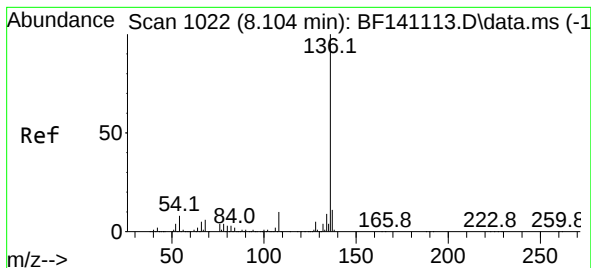
Tgt Ion: 70 Resp: 305153
Ion Ratio Lower Upper
70 100
42 58.2 47.8 71.6
101 9.9 7.9 11.9
130 21.8 17.6 26.4



#20
3+4-Methylphenols
Concen: 45.312 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 107 Resp: 453804
Ion Ratio Lower Upper
107 100
108 89.2 68.3 108.3
77 103.3 66.4 106.4
79 29.9 9.6 49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

Tgt Ion:136 Resp: 559409

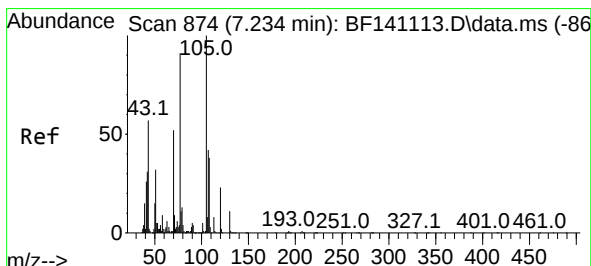
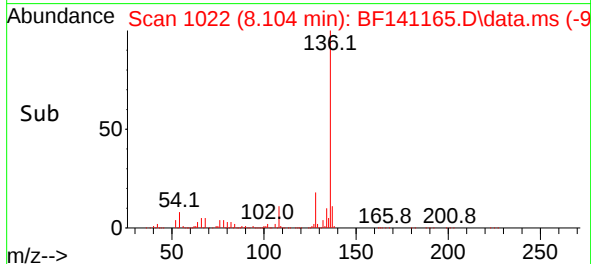
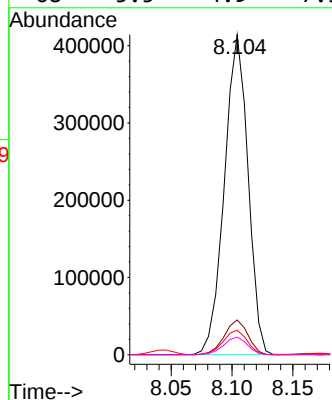
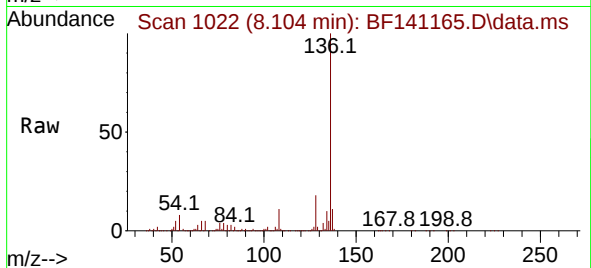
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 6.3 9.5

68 5.5 4.9 7.3



#22

Acetophenone

Concen: 45.036 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Tgt Ion:105 Resp: 598908

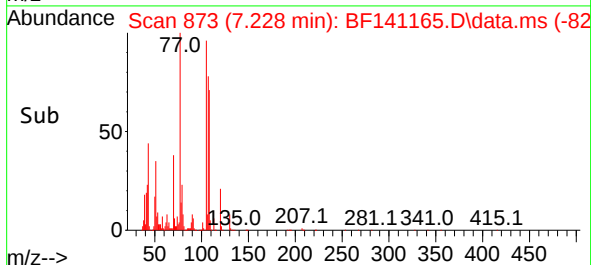
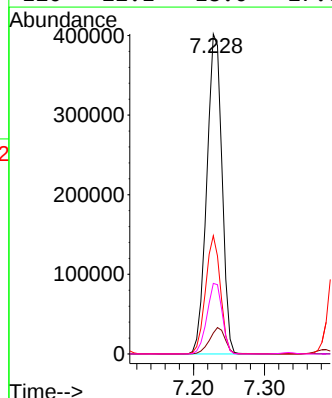
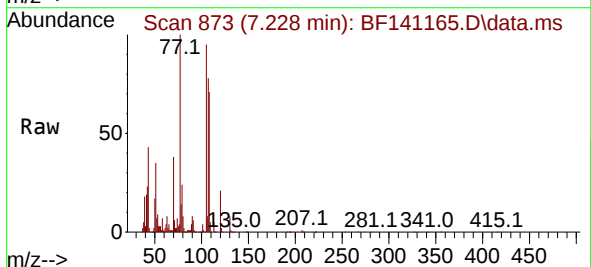
Ion Ratio Lower Upper

105 100

71 6.6 7.1 10.7#

51 37.0 25.4 38.2

120 22.1 18.0 27.0





#23

Nitrobenzene-d5

Concen: 88.702 ng

RT: 7.387 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

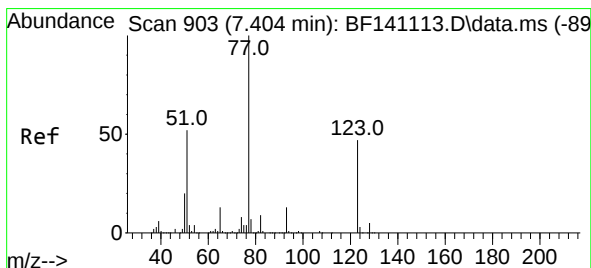
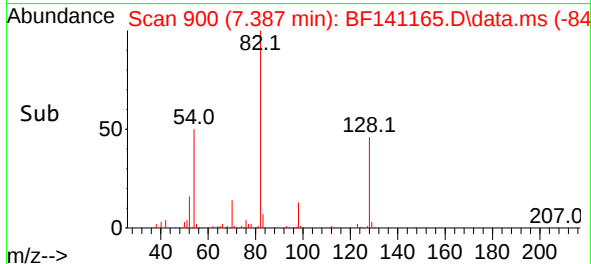
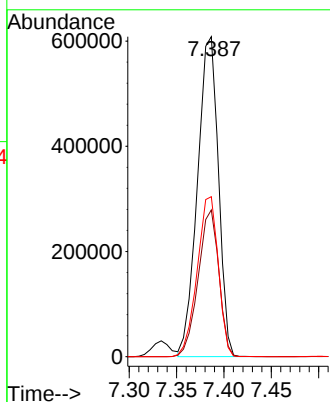
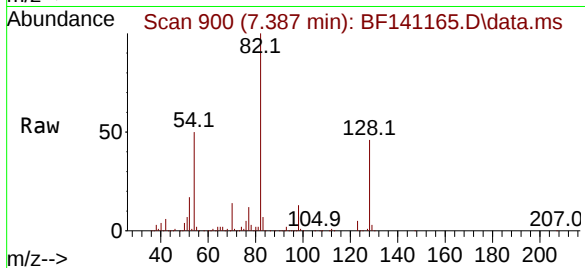
Tgt Ion: 82 Resp: 936087

Ion Ratio Lower Upper

82 100

128 45.9 36.1 54.1

54 50.0 41.0 61.4



#24

Nitrobenzene

Concen: 42.953 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

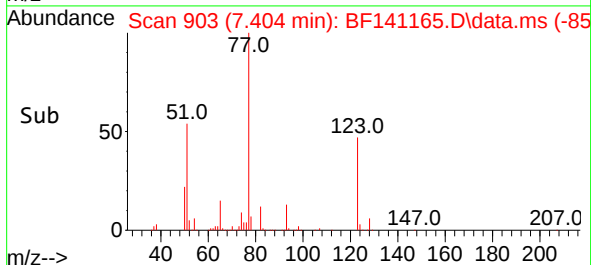
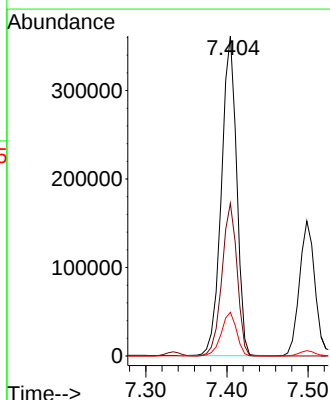
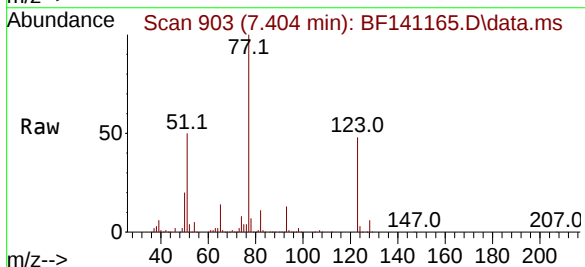
Tgt Ion: 77 Resp: 472430

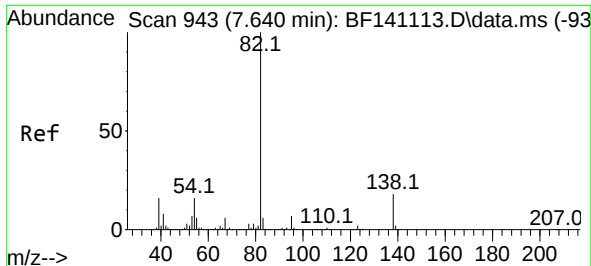
Ion Ratio Lower Upper

77 100

123 47.7 37.7 56.5

65 13.7 10.6 16.0

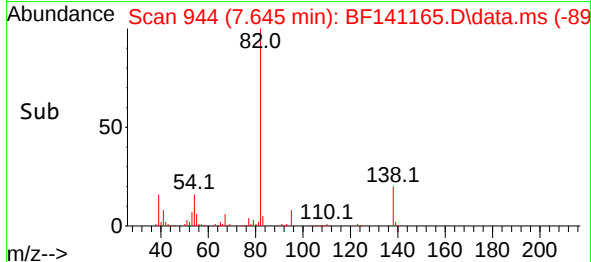
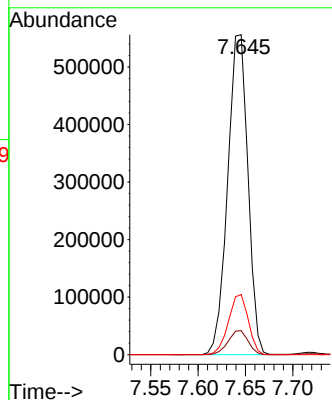
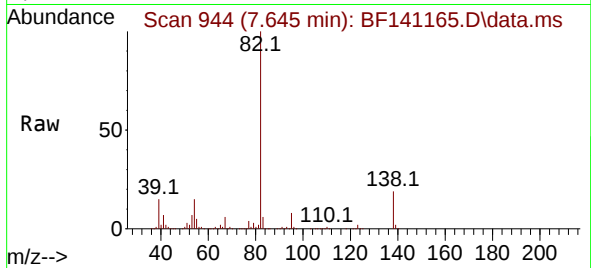




#25
Isophorone
Concen: 45.854 ng
RT: 7.645 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

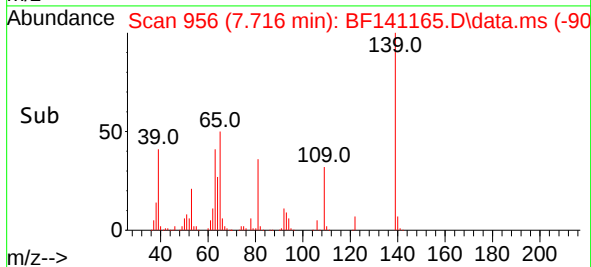
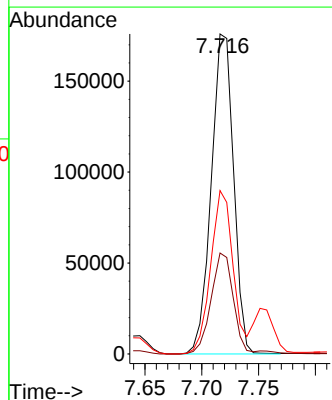
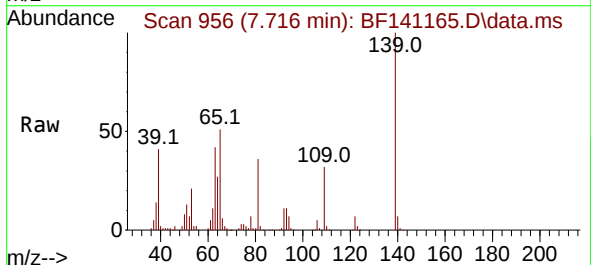
Instrument :
BNA_F
ClientSampleId :
PB166035BS

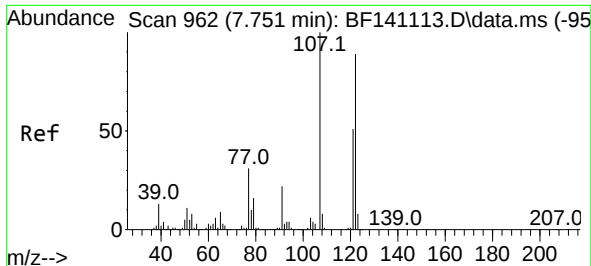
Tgt Ion: 82 Resp: 826977
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.8 14.2 21.2



#26
2-Nitrophenol
Concen: 48.018 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 139 Resp: 240239
Ion Ratio Lower Upper
139 100
109 31.6 23.8 35.6
65 51.1 38.5 57.7

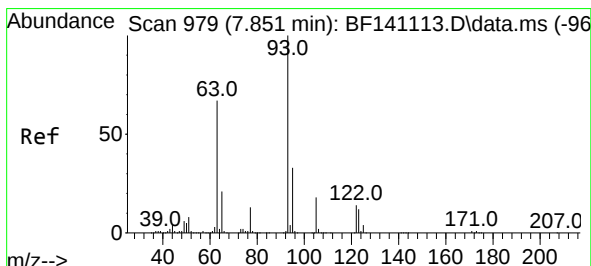
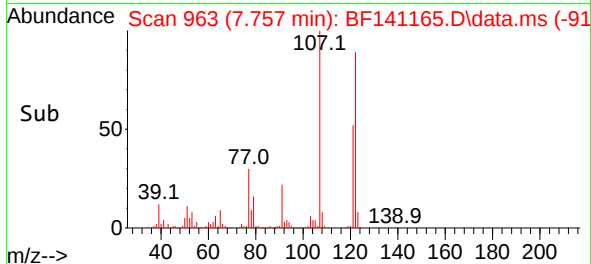
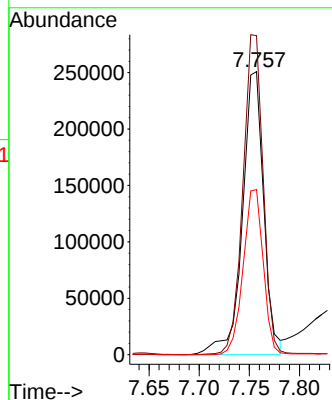
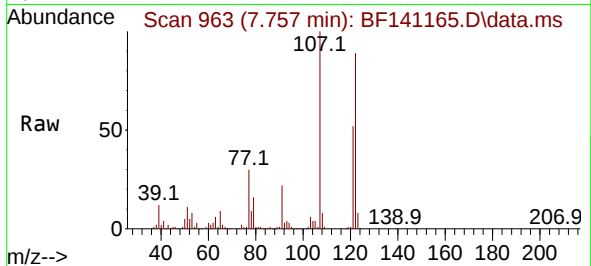




#27
2,4-Dimethylphenol
Concen: 55.087 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

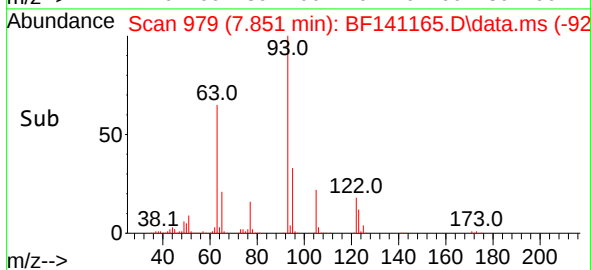
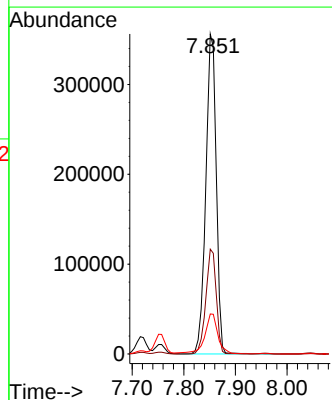
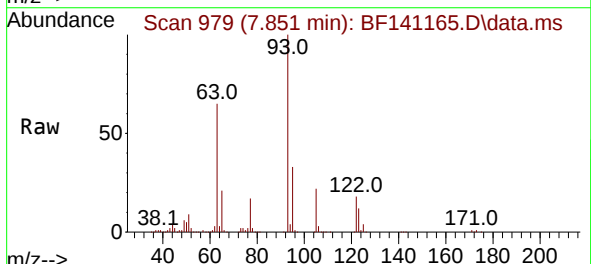
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:122 Resp: 371757
Ion Ratio Lower Upper
122 100
107 112.7 90.3 135.5
121 58.3 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 44.187 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion: 93 Resp: 500129
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 46.769 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

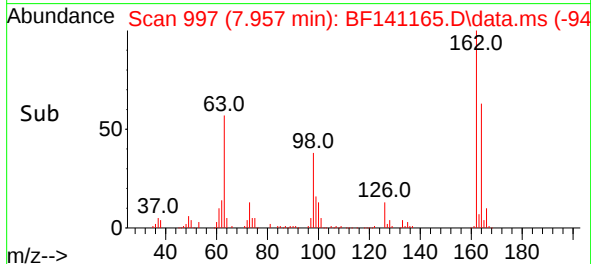
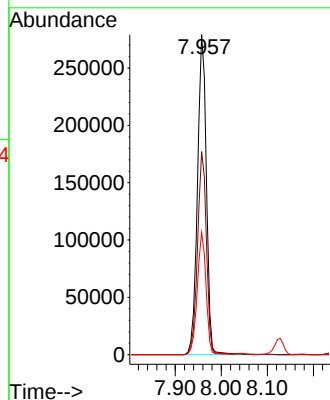
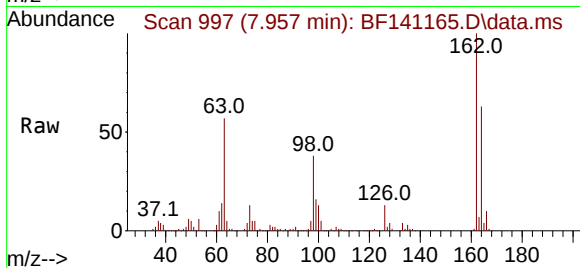
Tgt Ion:162 Resp: 374851

Ion Ratio Lower Upper

162 100

164 63.5 44.5 84.5

98 38.2 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 43.039 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

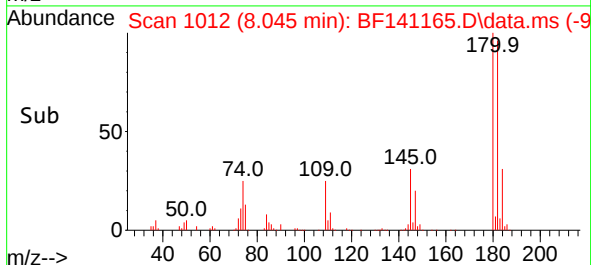
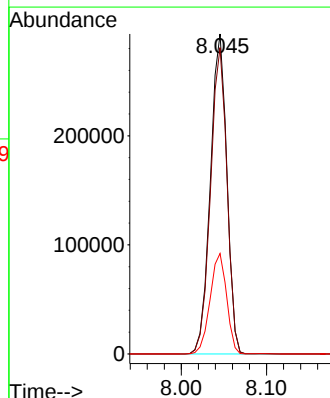
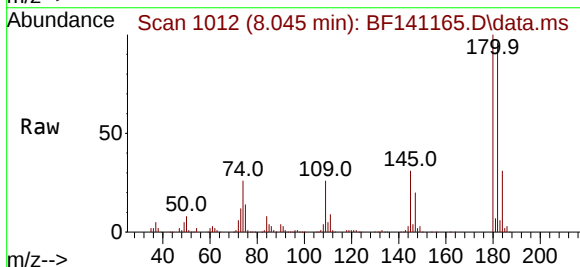
Tgt Ion:180 Resp: 394294

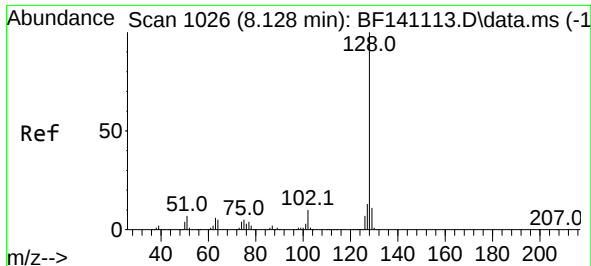
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 31.4 25.3 37.9

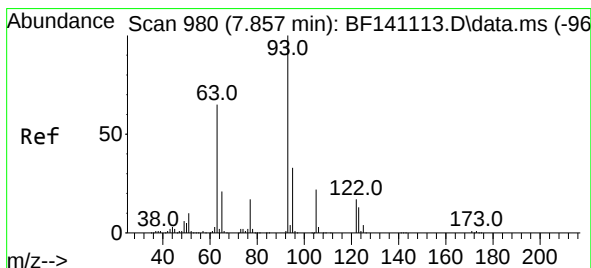
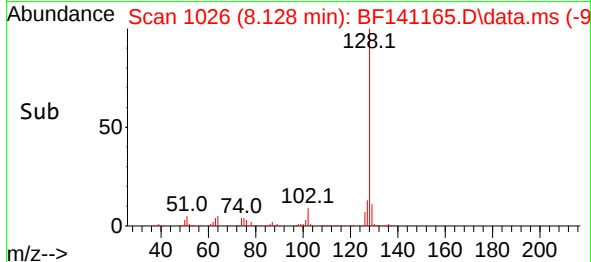
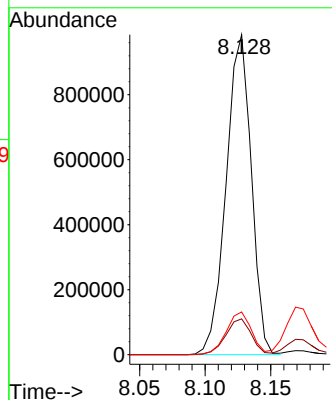
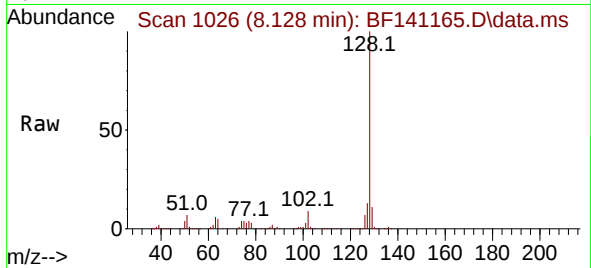




#31
Naphthalene
Concen: 44.606 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

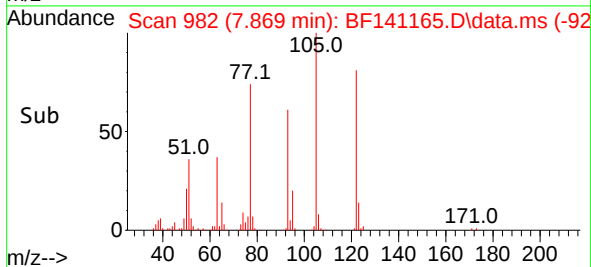
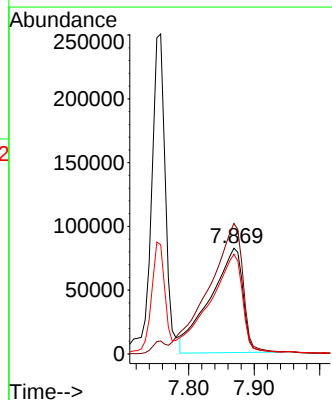
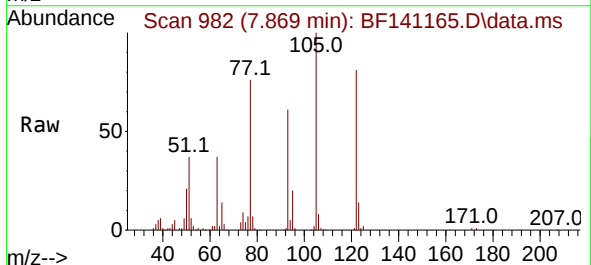
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:128 Resp: 1315926
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.954 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:122 Resp: 284542
Ion Ratio Lower Upper
122 100
105 123.5 105.5 145.5
77 94.3 75.1 115.1





#33

4-Chloroaniline

Concen: 22.136 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

Tgt Ion:127 Resp: 225845

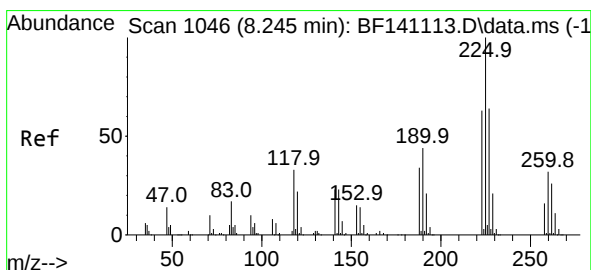
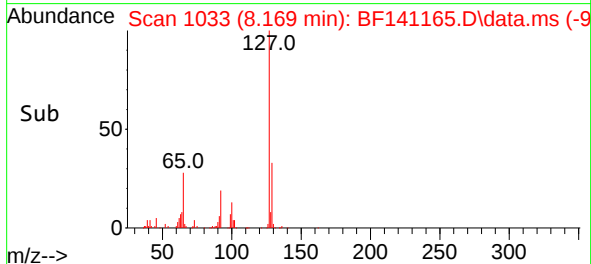
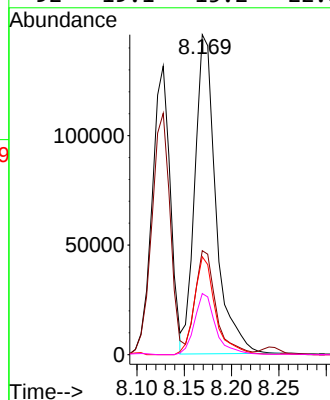
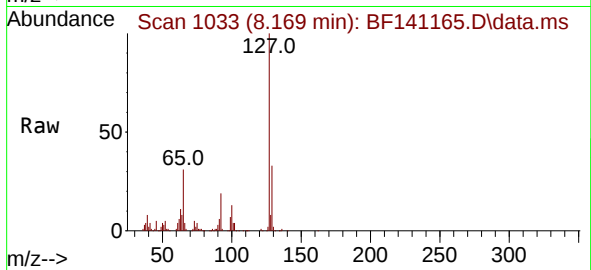
Ion Ratio Lower Upper

127 100

129 32.5 25.9 38.9

65 30.6 23.8 35.8

92 19.1 15.2 22.8



#34

Hexachlorobutadiene

Concen: 43.722 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

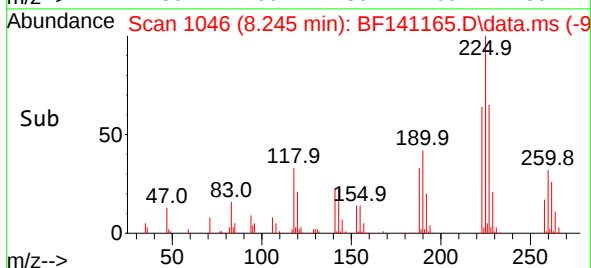
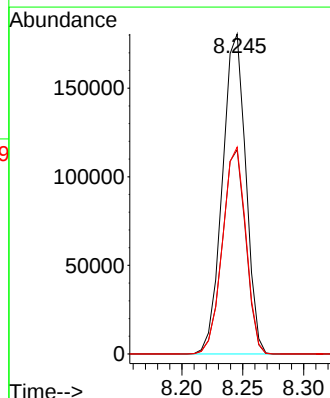
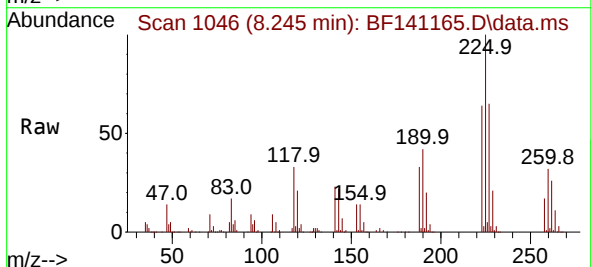
Tgt Ion:225 Resp: 241357

Ion Ratio Lower Upper

225 100

223 63.8 50.6 76.0

227 64.6 51.6 77.4

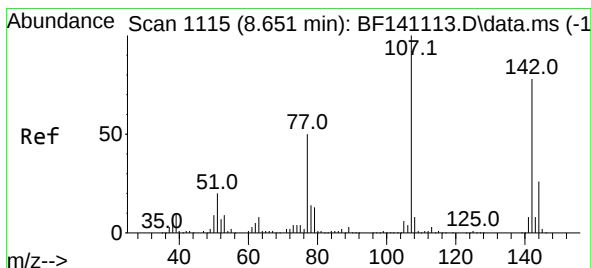
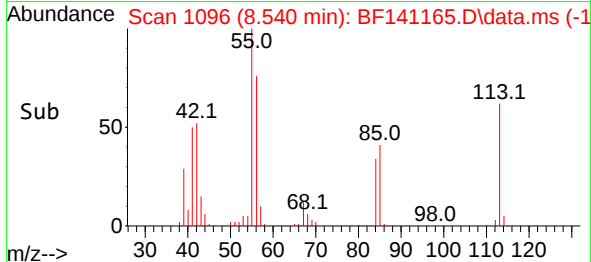
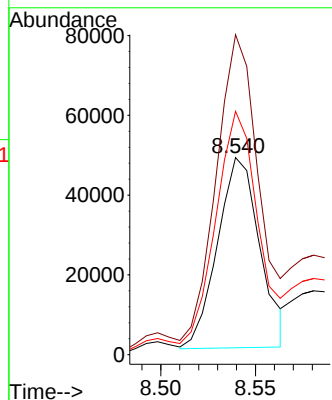
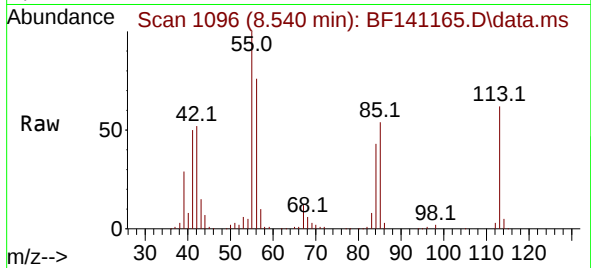




#35
Caprolactam
Concen: 28.312 ng
RT: 8.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

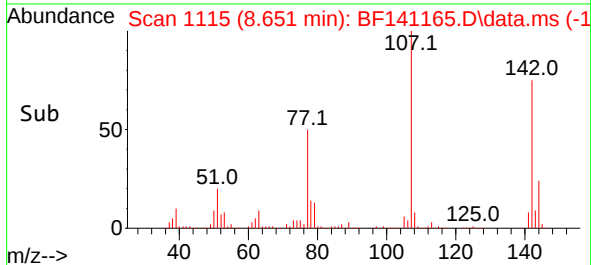
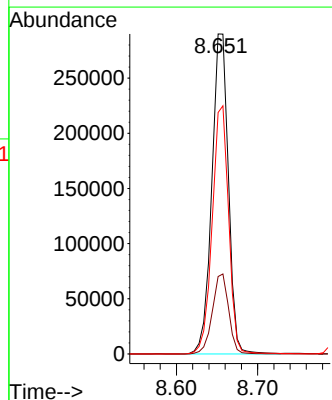
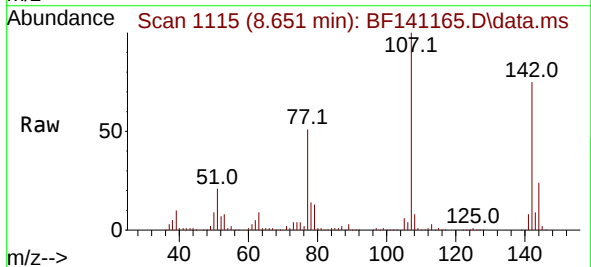
Instrument :
BNA_F
ClientSampleId :
PB166035BS

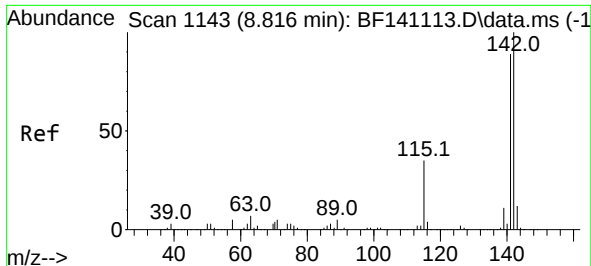
Tgt Ion:113 Resp: 74292
Ion Ratio Lower Upper
113 100
55 162.4 139.7 179.7
56 123.5 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 46.854 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:107 Resp: 410698
Ion Ratio Lower Upper
107 100
144 24.2 20.4 30.6
142 75.5 62.2 93.2





#37

2-Methylnaphthalene

Concen: 45.609 ng

RT: 8.816 min Scan# 1143

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

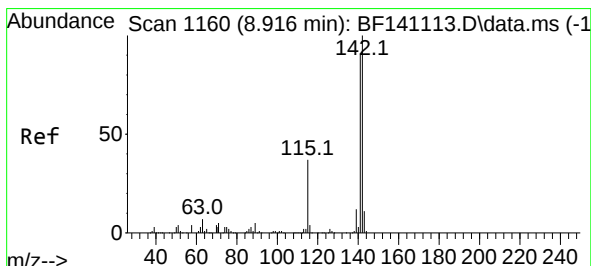
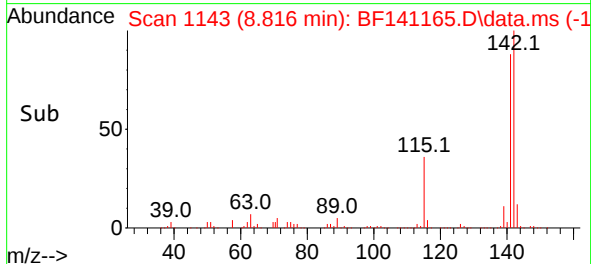
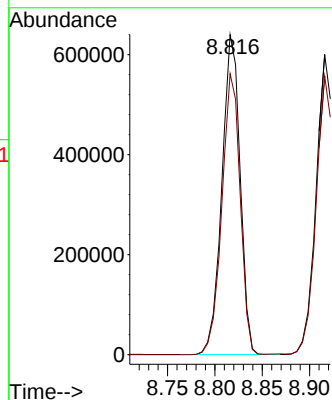
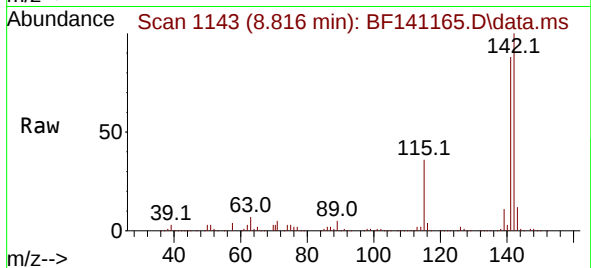
PB166035BS

Tgt Ion:142 Resp: 857406

Ion Ratio Lower Upper

142 100

141 87.8 71.3 106.9



#38

1-Methylnaphthalene

Concen: 42.599 ng

RT: 8.916 min Scan# 1160

Delta R.T. 0.000 min

Lab File: BF141165.D

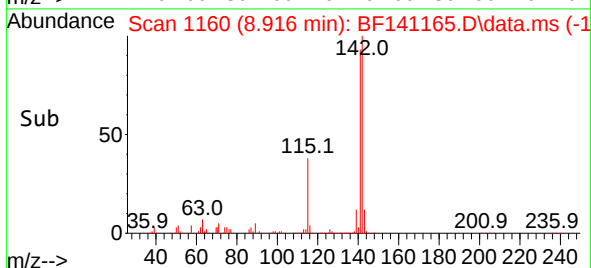
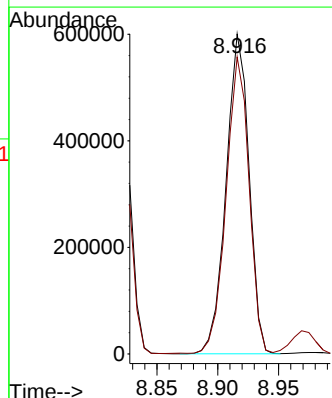
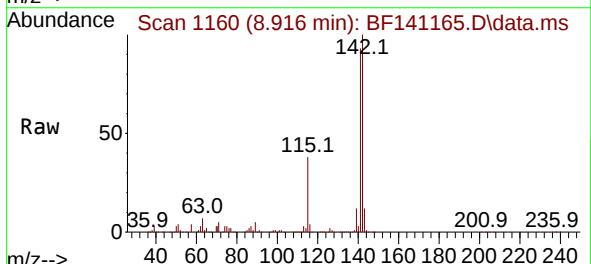
Acq: 15 Jan 2025 10:26

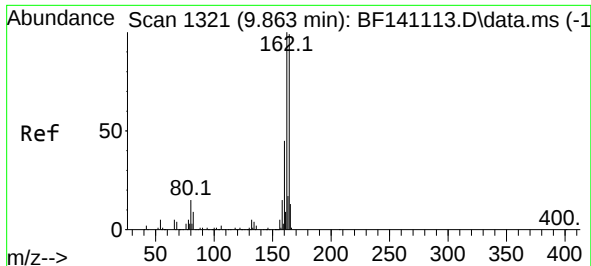
Tgt Ion:142 Resp: 789241

Ion Ratio Lower Upper

142 100

141 92.8 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

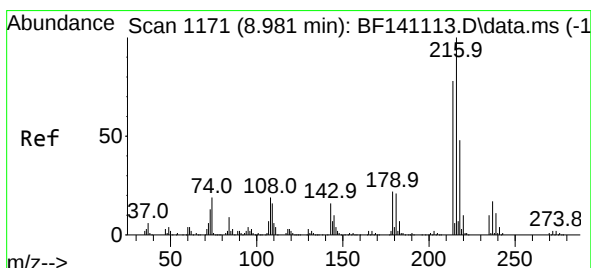
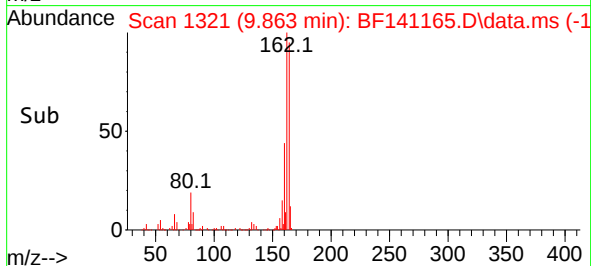
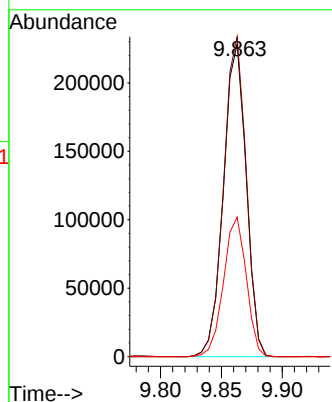
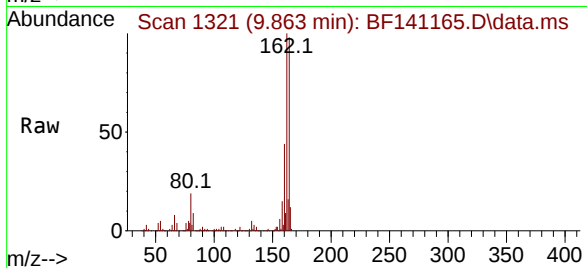
Tgt Ion:164 Resp: 296383

Ion Ratio Lower Upper

164 100

162 102.4 81.0 121.4

160 44.7 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.831 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Tgt Ion:216 Resp: 389876

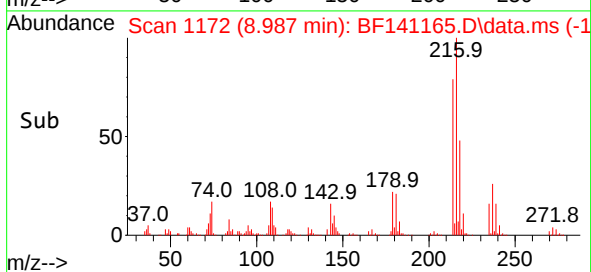
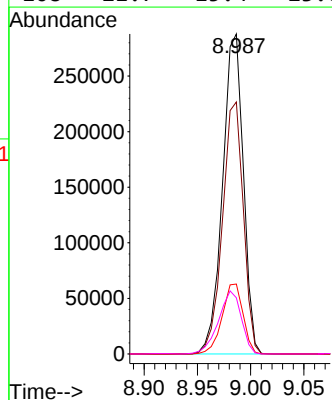
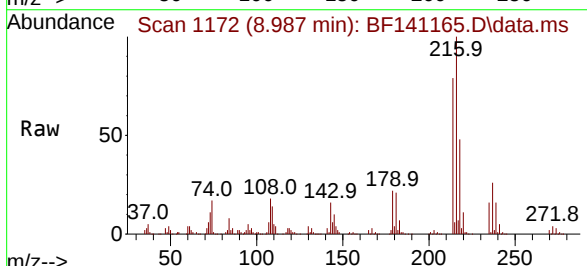
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 22.1 17.7 26.5

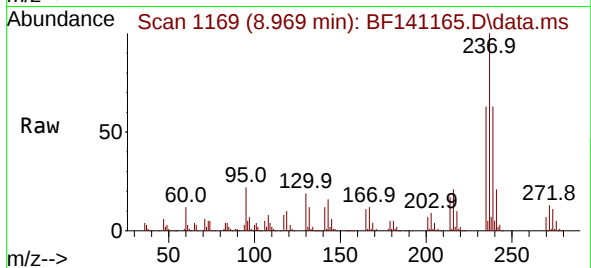
108 21.7 15.4 23.0



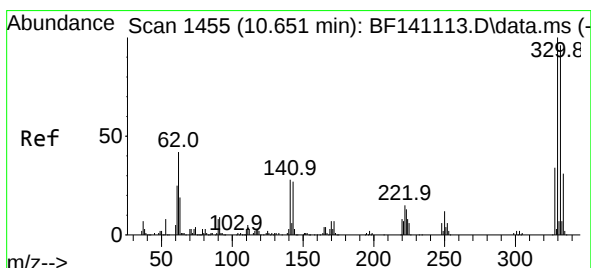
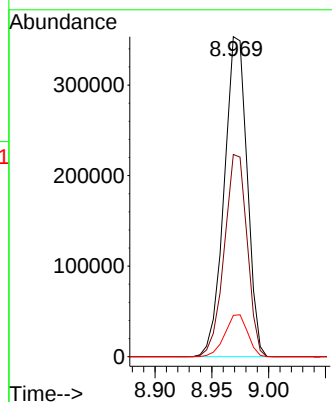
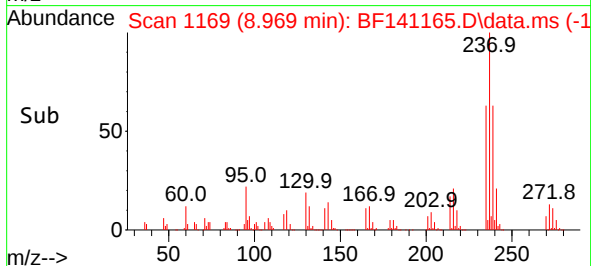


#41
Hexachlorocyclopentadiene
Concen: 178.397 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

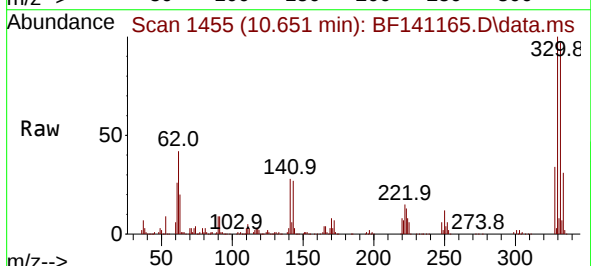
Instrument :
BNA_F
ClientSampleId :
PB166035BS



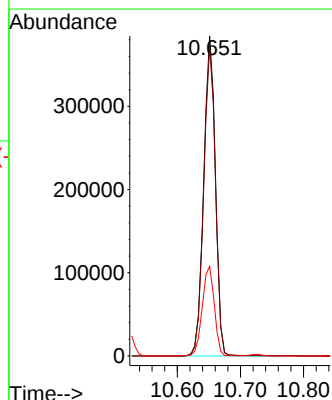
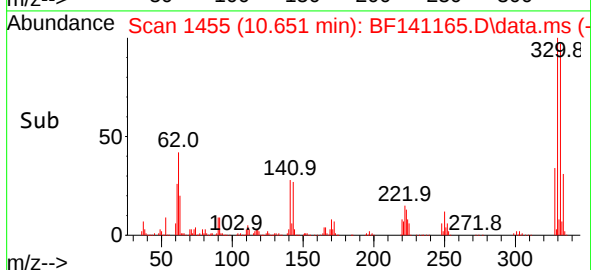
Tgt Ion:237 Resp: 496501
Ion Ratio Lower Upper
237 100
235 63.2 43.0 83.0
272 12.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 146.817 ng
RT: 10.651 min Scan# 1455
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26



Tgt Ion:330 Resp: 495813
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 28.7 25.2 37.8

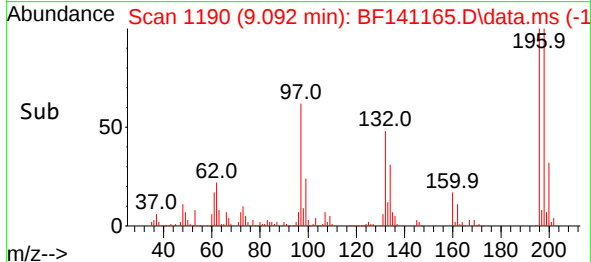
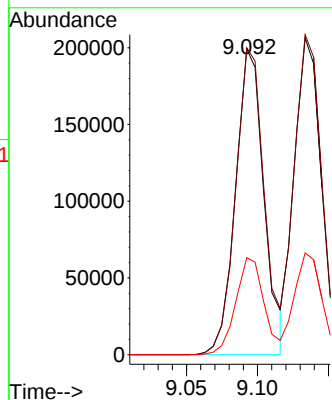
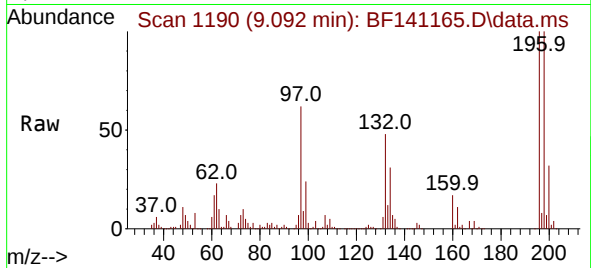




#43
 2,4,6-Trichlorophenol
 Concen: 48.169 ng
 RT: 9.092 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: BF141165.D
 Acq: 15 Jan 2025 10:26

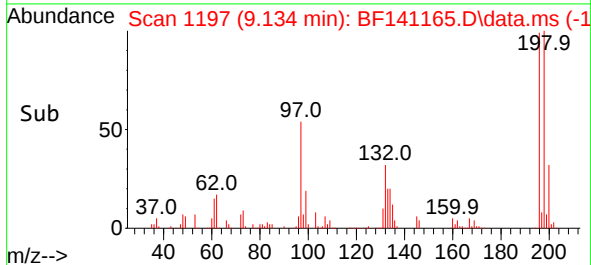
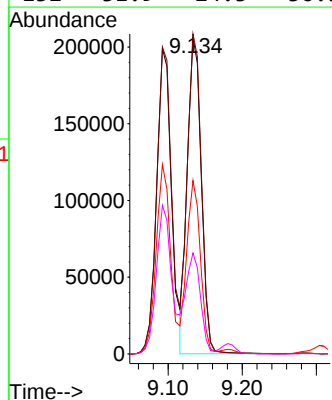
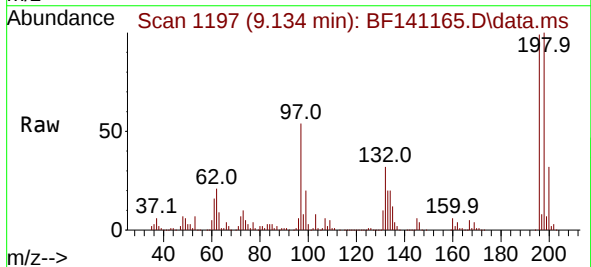
Instrument :
 BNA_F
 ClientSampleId :
 PB166035BS

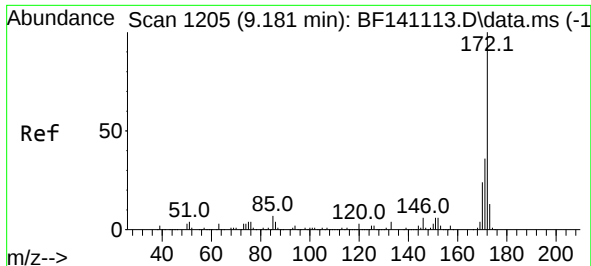
Tgt Ion:196 Resp: 276357
 Ion Ratio Lower Upper
 196 100
 198 100.4 80.8 121.2
 200 31.8 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 44.988 ng
 RT: 9.134 min Scan# 1197
 Delta R.T. 0.006 min
 Lab File: BF141165.D
 Acq: 15 Jan 2025 10:26

Tgt Ion:196 Resp: 272593
 Ion Ratio Lower Upper
 196 100
 198 101.1 80.6 120.8
 97 54.8 43.1 64.7
 132 31.9 24.3 36.5

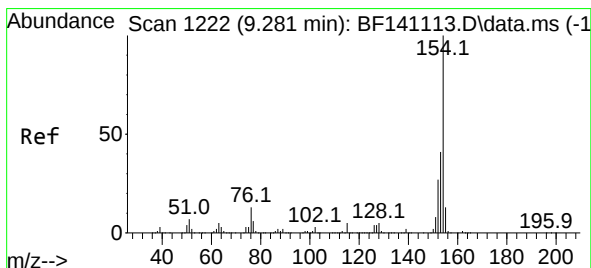
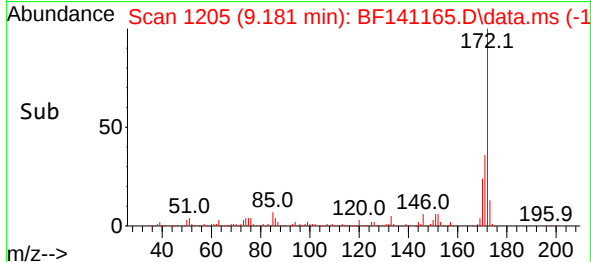
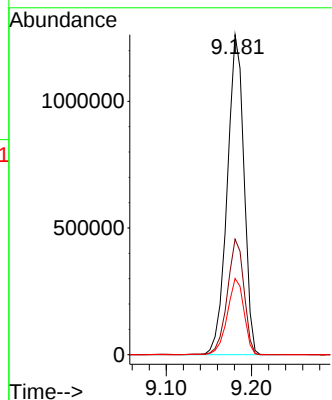
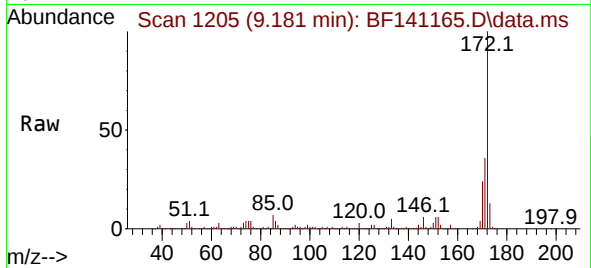




#45
2-Fluorobiphenyl
Concen: 88.547 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

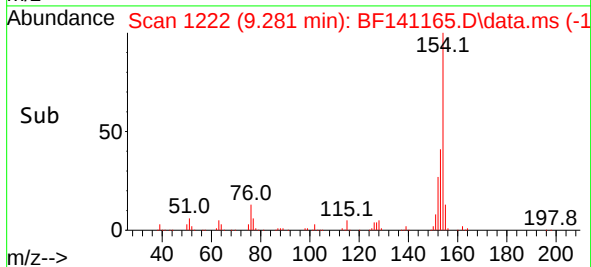
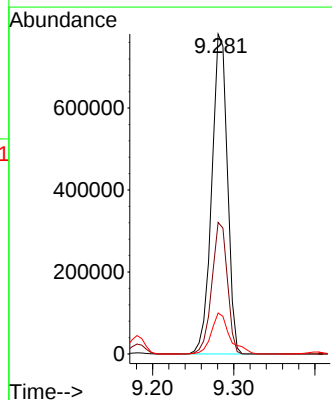
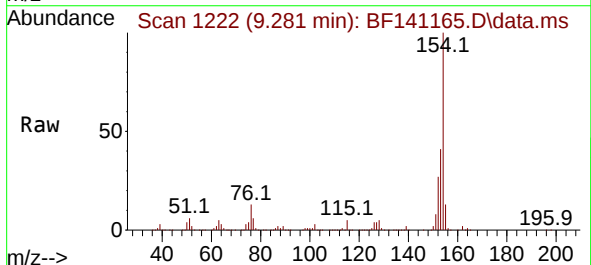
Instrument :
BNA_F
ClientSampleId :
PB166035BS

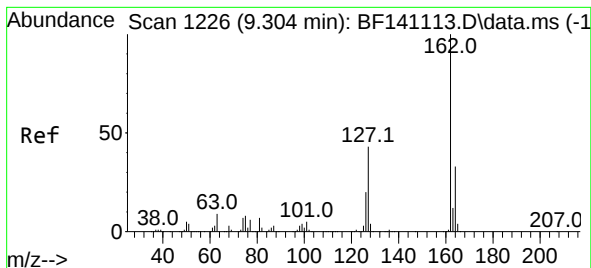
Tgt Ion:172 Resp: 1718604
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.225 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:154 Resp: 1040938
Ion Ratio Lower Upper
154 100
153 41.1 20.7 60.7
76 12.8 0.0 33.1





#47

2-Chloronaphthalene

Concen: 44.320 ng

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

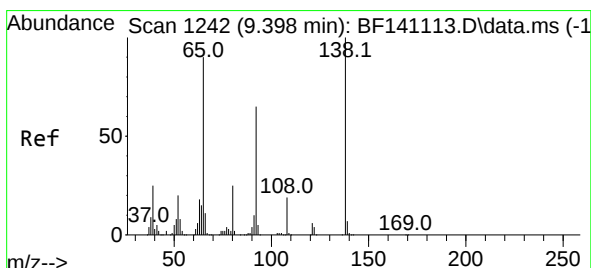
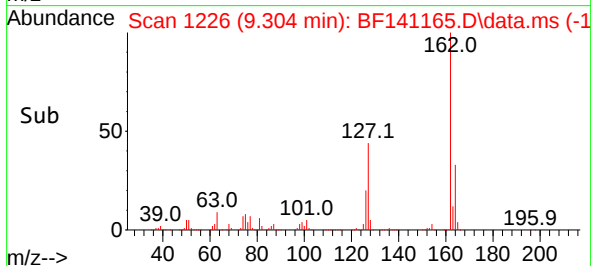
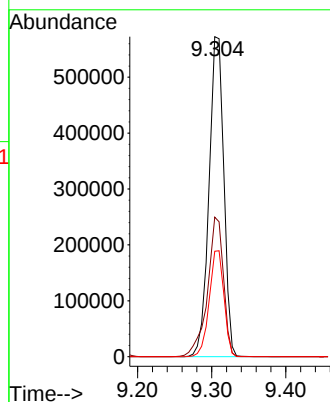
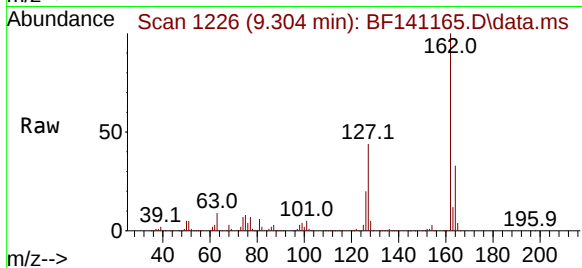
Tgt Ion:162 Resp: 794541

Ion Ratio Lower Upper

162 100

127 43.6 34.6 51.8

164 33.0 26.5 39.7



#48

2-Nitroaniline

Concen: 47.818 ng

RT: 9.404 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

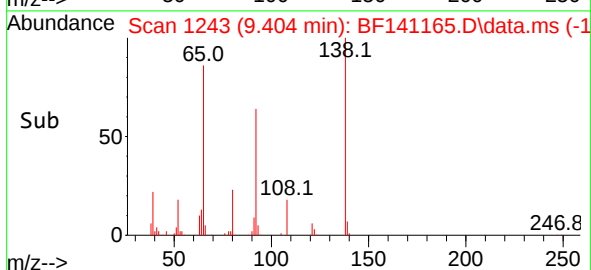
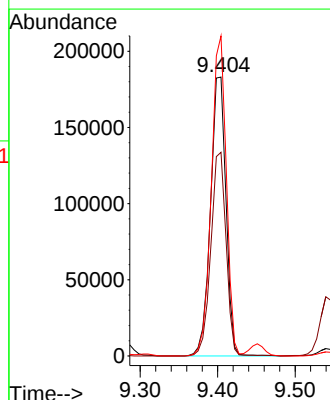
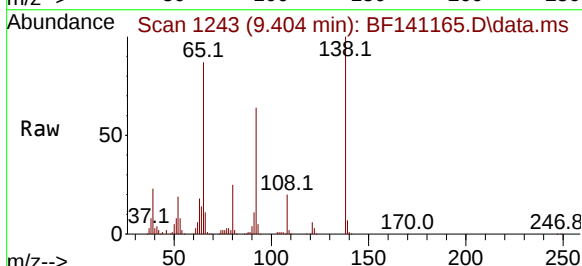
Tgt Ion: 65 Resp: 254121

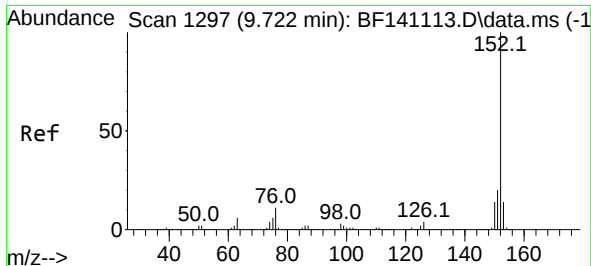
Ion Ratio Lower Upper

65 100

92 73.0 58.3 87.5

138 114.7 89.1 133.7

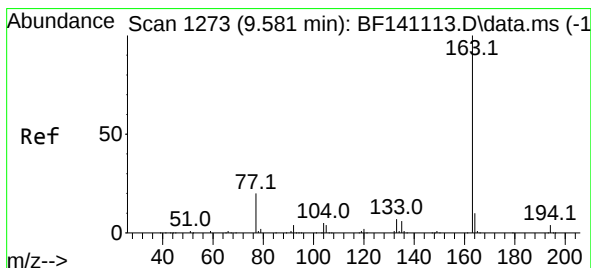
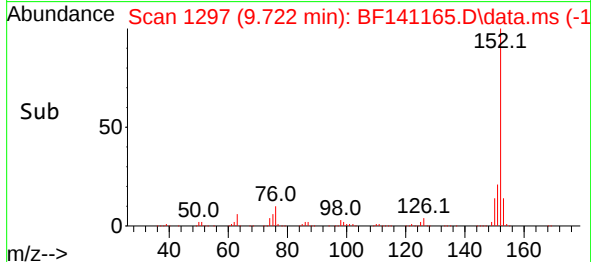
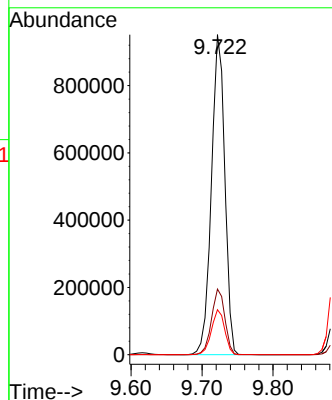
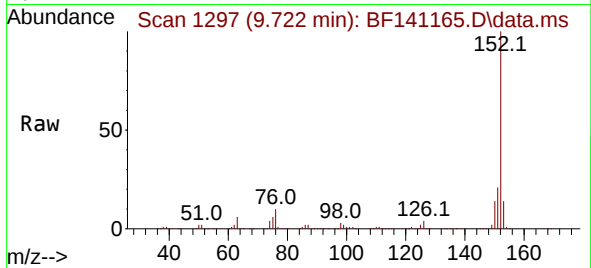




#49
Acenaphthylene
Concen: 48.714 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

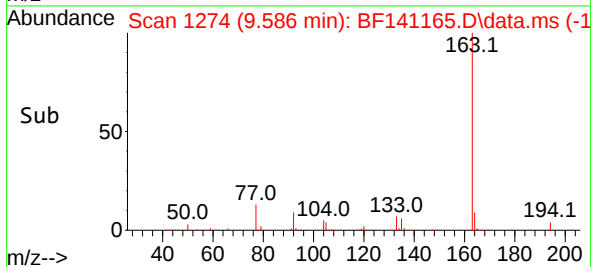
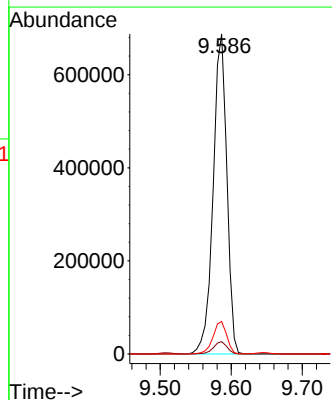
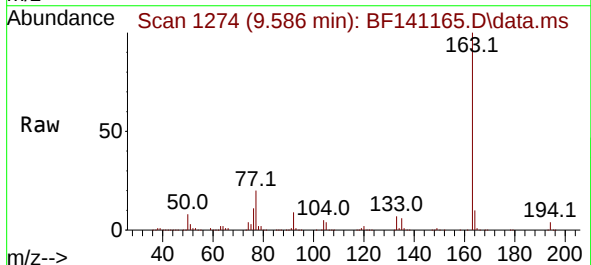
Instrument :
BNA_F
ClientSampleId :
PB166035BS

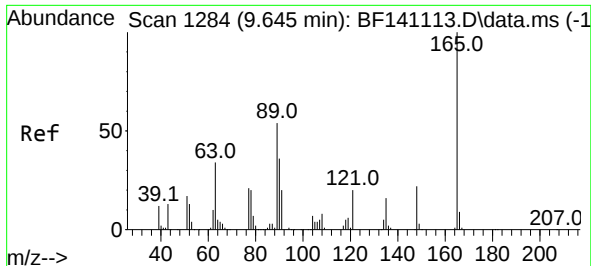
Tgt Ion:152 Resp: 1247717
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 14.1 11.1 16.7



#50
Dimethylphthalate
Concen: 46.219 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:163 Resp: 919633
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.1 8.2 12.4

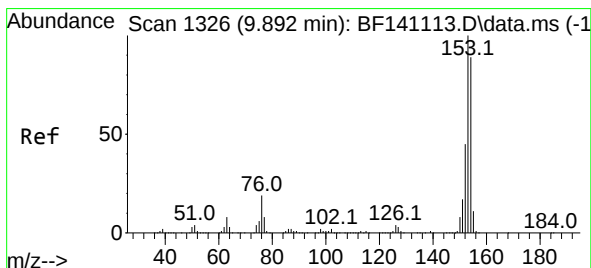
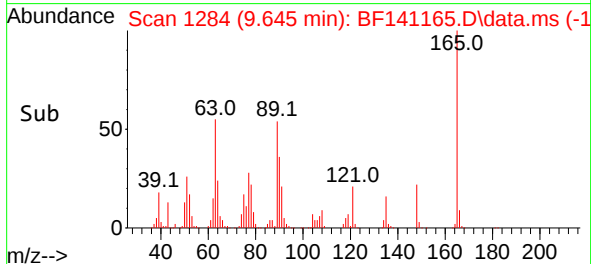
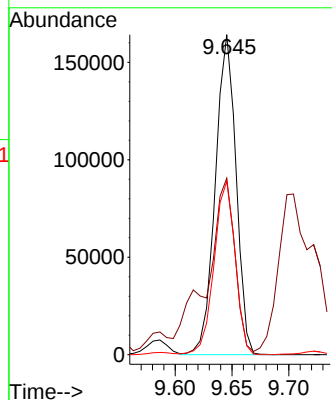
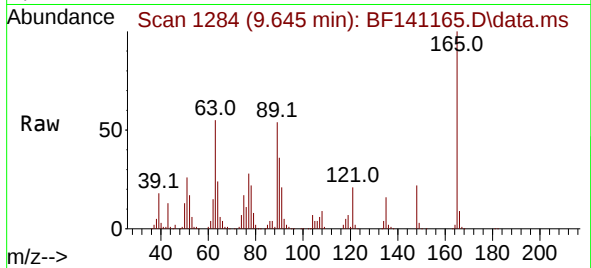




#51
2,6-Dinitrotoluene
Concen: 45.095 ng
RT: 9.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

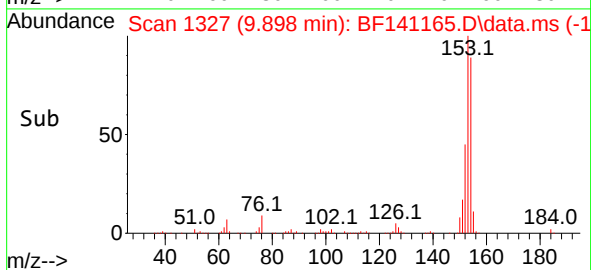
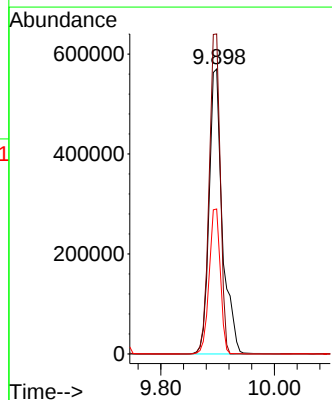
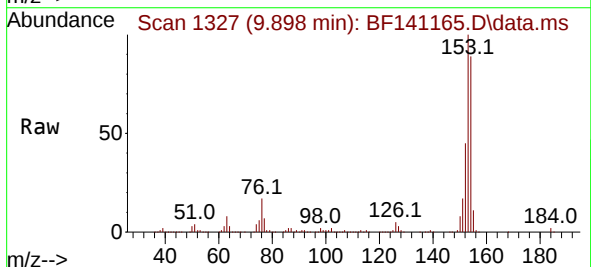
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:165 Resp: 208657
Ion Ratio Lower Upper
165 100
63 55.2 42.3 63.5
89 54.2 43.1 64.7



#52
Acenaphthene
Concen: 51.587 ng
RT: 9.898 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:154 Resp: 923120
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 50.9 40.8 61.2

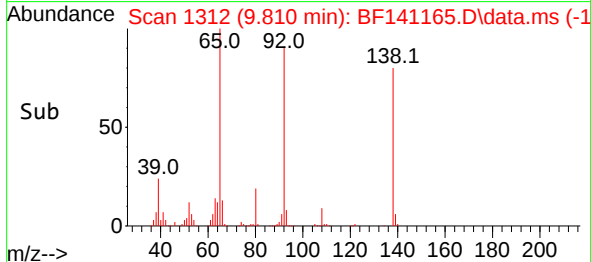
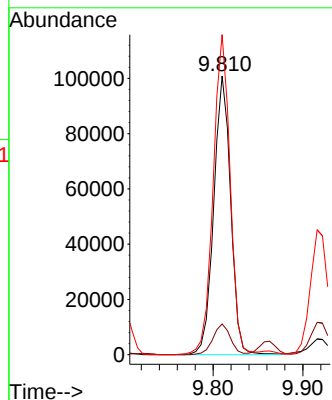
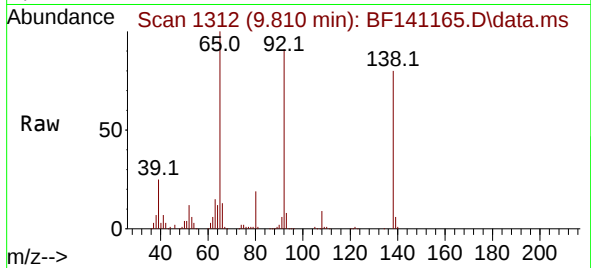




#53
3-Nitroaniline
Concen: 28.088 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

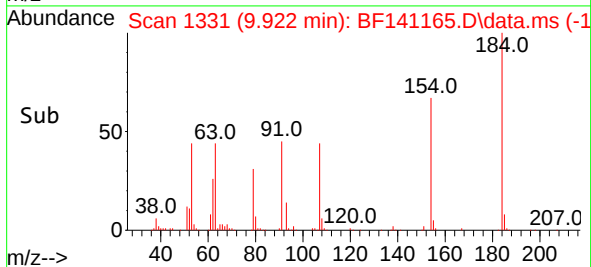
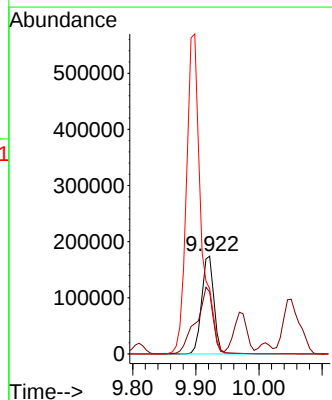
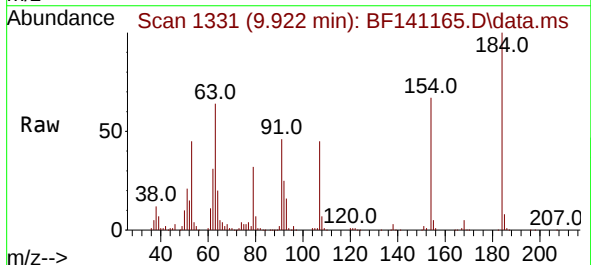
Instrument :
BNA_F
ClientSampleId :
PB166035BS

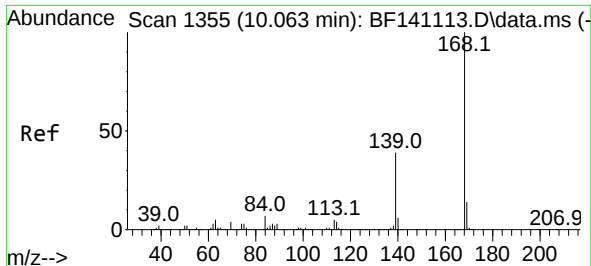
Tgt Ion:138 Resp: 132071
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 114.8 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 107.198 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:184 Resp: 235763
Ion Ratio Lower Upper
184 100
63 63.5 48.7 73.1
154 66.8 57.1 85.7

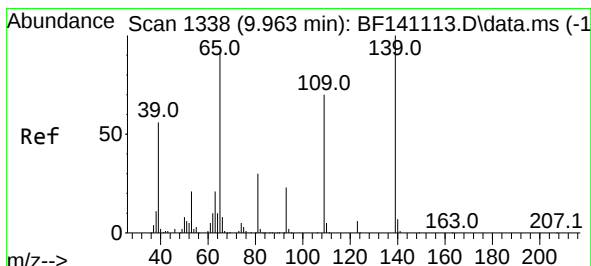
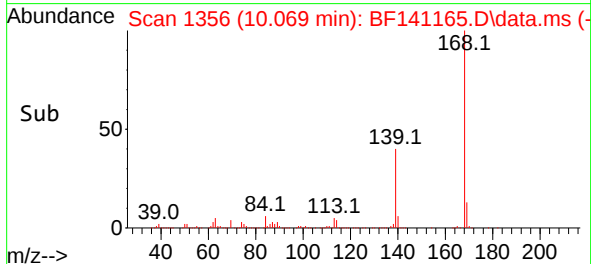
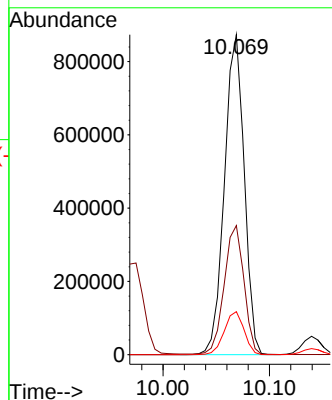
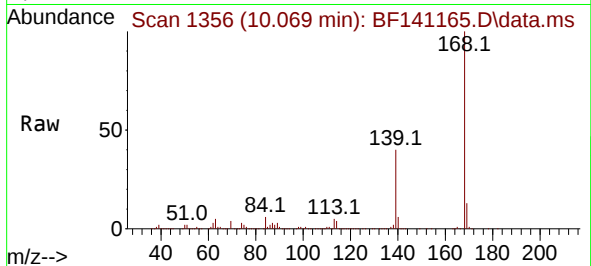




#55
Dibenzenofuran
Concen: 46.212 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

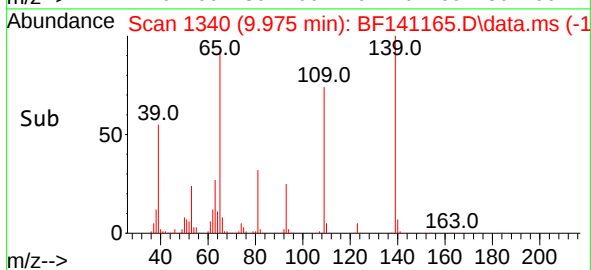
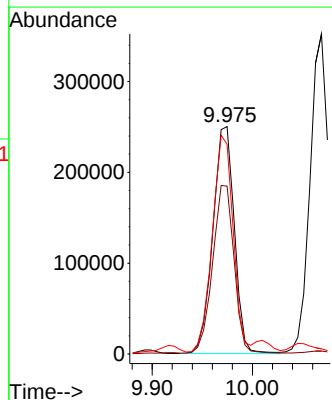
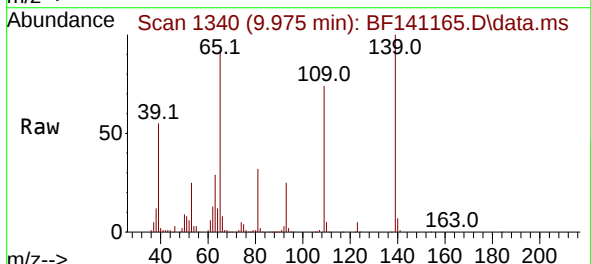
Instrument :
BNA_F
ClientSampleId :
PB166035BS

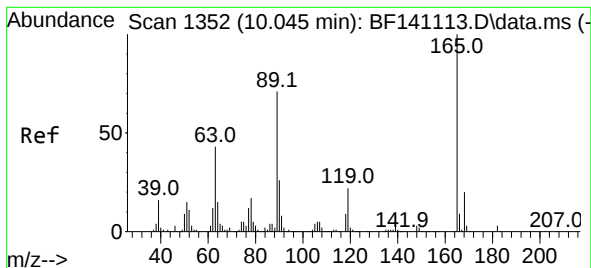
Tgt Ion:168 Resp: 1124811
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 100.786 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:139 Resp: 371142
Ion Ratio Lower Upper
139 100
109 73.8 50.2 90.2
65 92.2 72.1 112.1

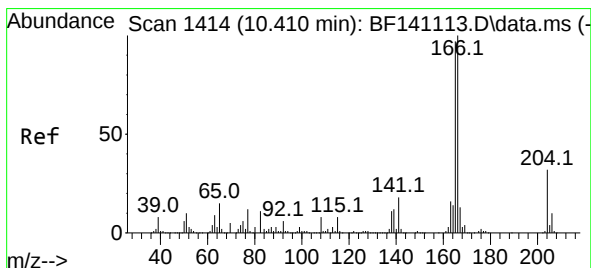
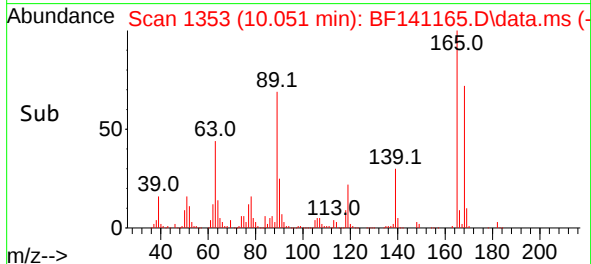
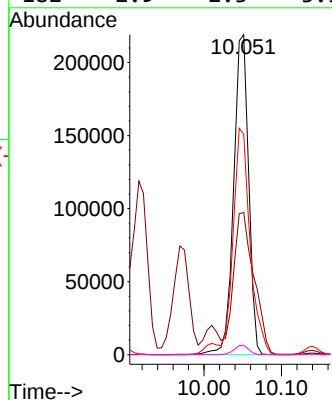
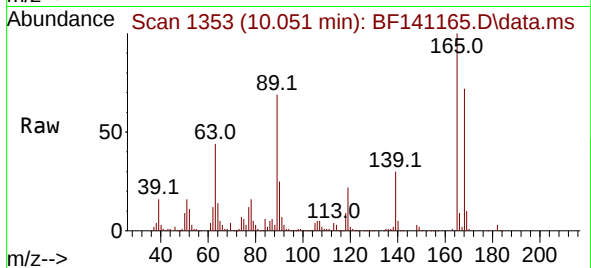




#57
2,4-Dinitrotoluene
Concen: 49.452 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

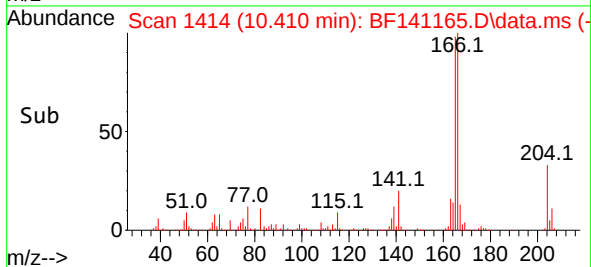
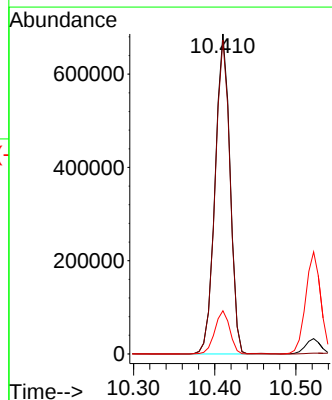
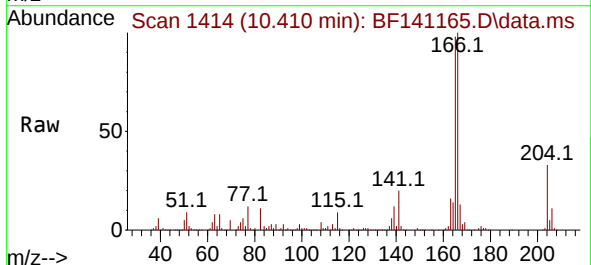
Instrument :
BNA_F
ClientSampleId :
PB166035BS

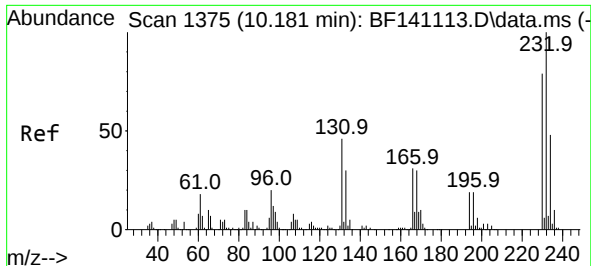
Tgt Ion:165 Resp: 294883
Ion Ratio Lower Upper
165 100
63 44.5 35.0 52.4
89 68.9 56.7 85.1
182 2.9 2.3 3.5



#58
Fluorene
Concen: 46.277 ng
RT: 10.410 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:166 Resp: 875091
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.5 10.8 16.2

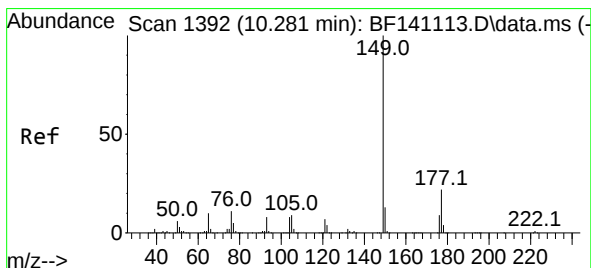
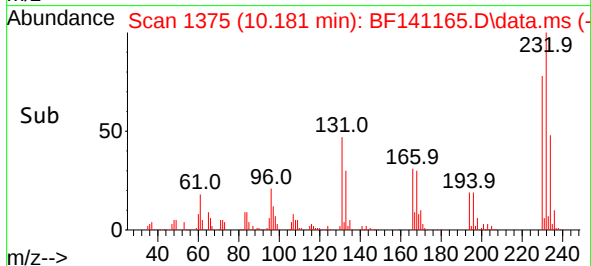
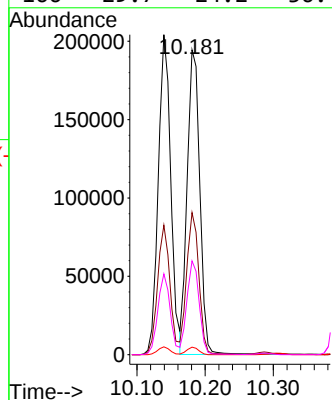
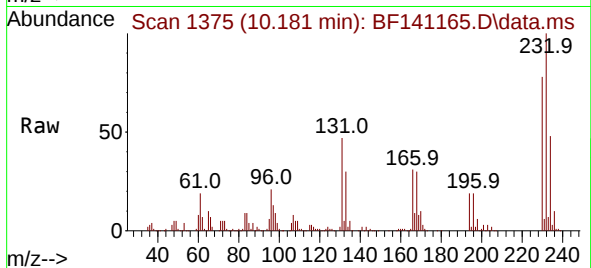




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.226 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

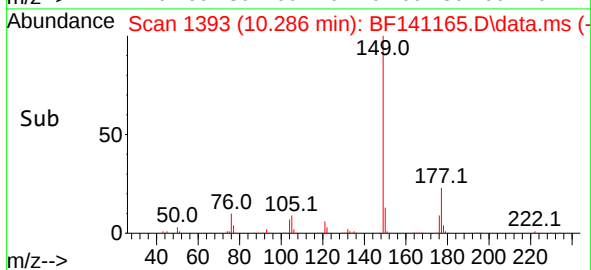
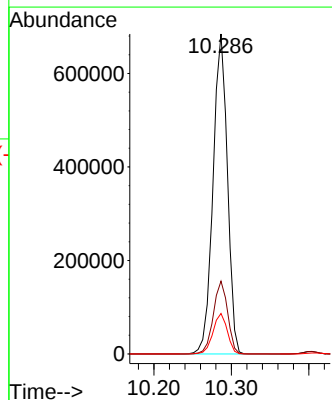
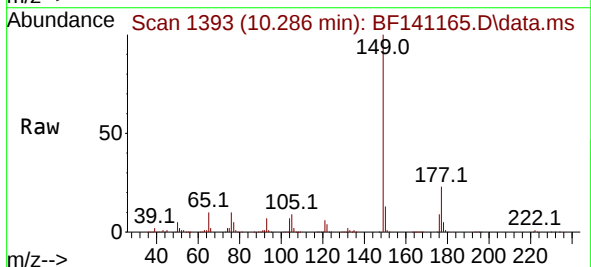
Instrument :
BNA_F
ClientSampleId :
PB166035BS

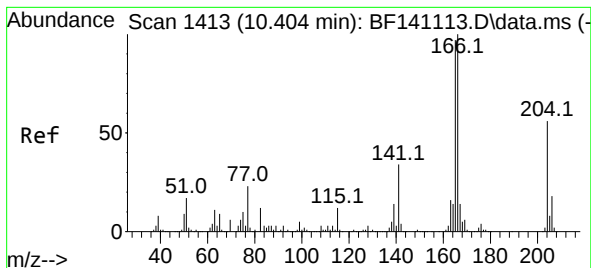
Tgt Ion:232 Resp: 247930
Ion Ratio Lower Upper
232 100
131 45.2 36.2 54.4
130 2.3 2.0 3.0
166 29.7 24.2 36.4



#60
Diethylphthalate
Concen: 45.376 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:149 Resp: 881421
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.7 10.2 15.2

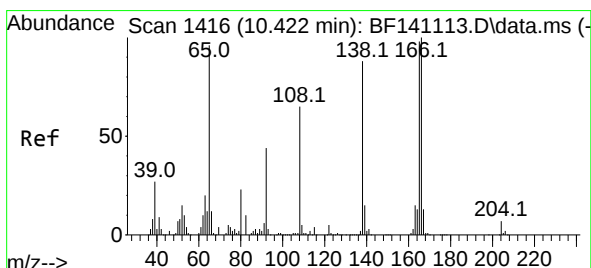
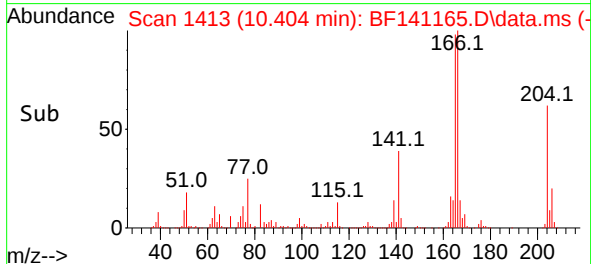
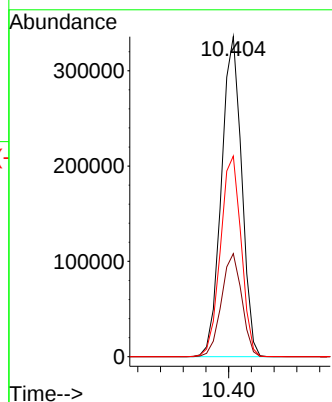
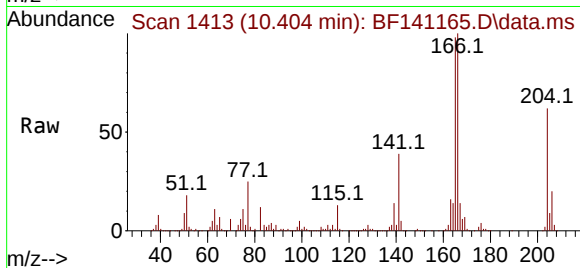




#61
4-Chlorophenyl-phenylether
Concen: 45.177 ng
RT: 10.404 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

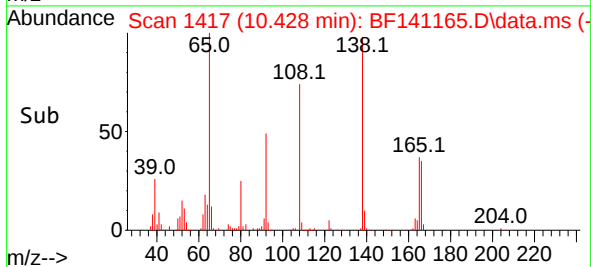
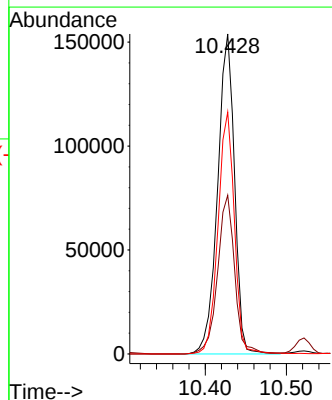
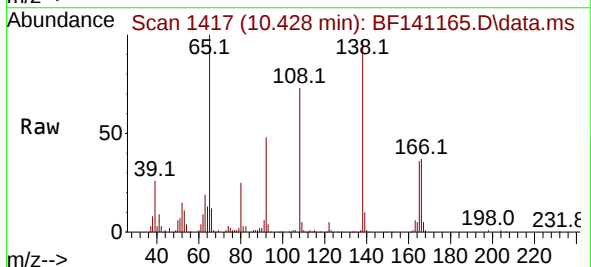
Instrument :
BNA_F
ClientSampleId :
PB166035BS

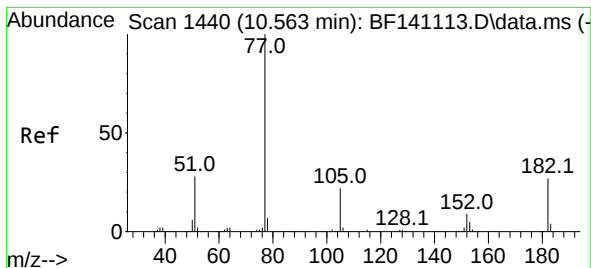
Tgt Ion:204 Resp: 416366
Ion Ratio Lower Upper
204 100
206 32.2 25.9 38.9
141 62.7 49.1 73.7



#62
4-Nitroaniline
Concen: 48.524 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:138 Resp: 223312
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 75.6 53.7 93.7





#63

Azobenzene

Concen: 45.387 ng

RT: 10.563 min Scan# 1440

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

Tgt Ion: 77 Resp: 869933

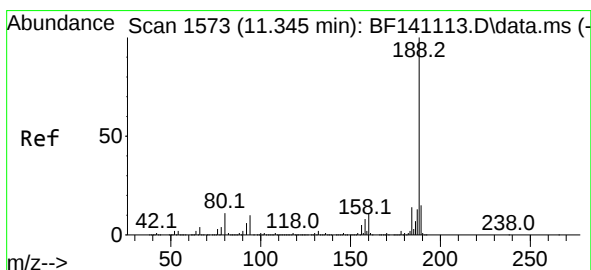
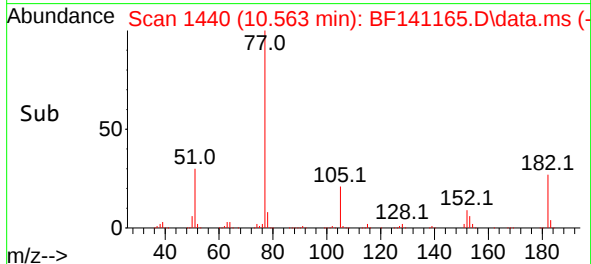
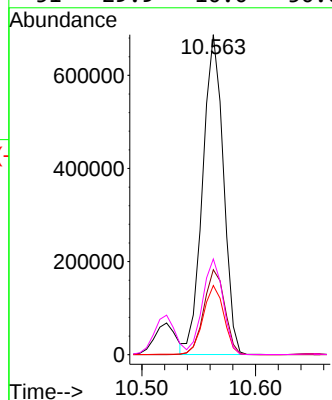
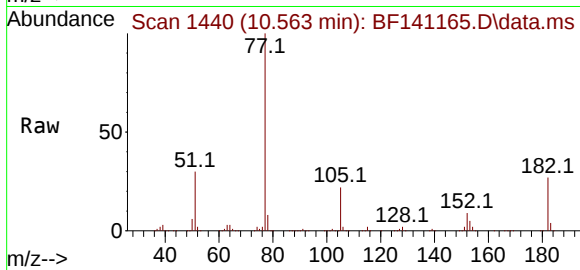
Ion Ratio Lower Upper

77 100

182 26.6 6.1 46.1

105 21.6 2.1 42.1

51 29.9 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

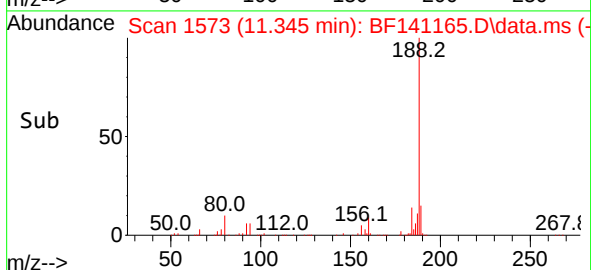
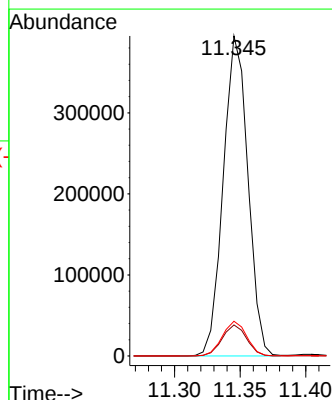
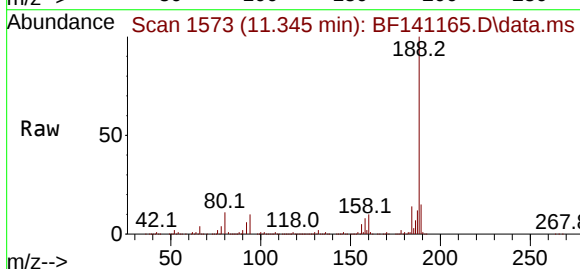
Tgt Ion: 188 Resp: 515619

Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.9 9.0 13.4

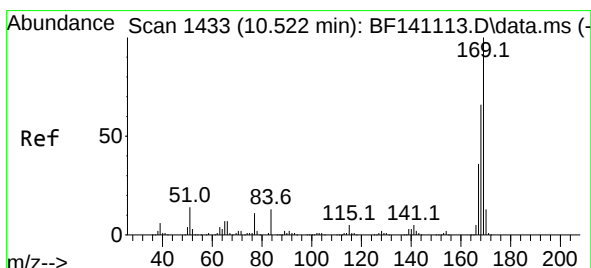
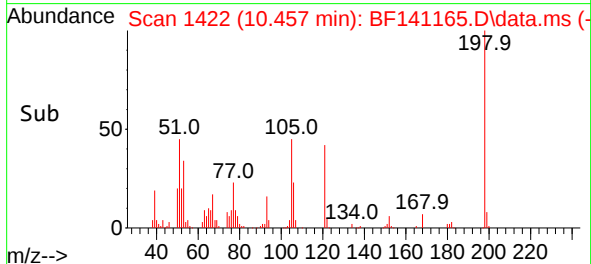
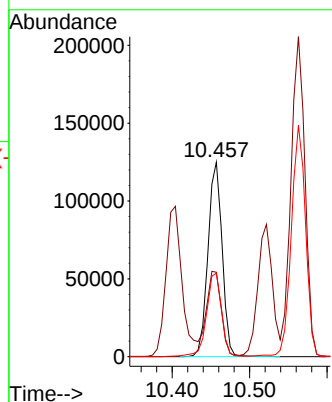
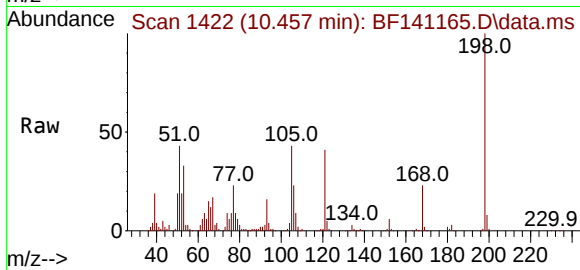




#65
4,6-Dinitro-2-methylphenol
Concen: 53.041 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

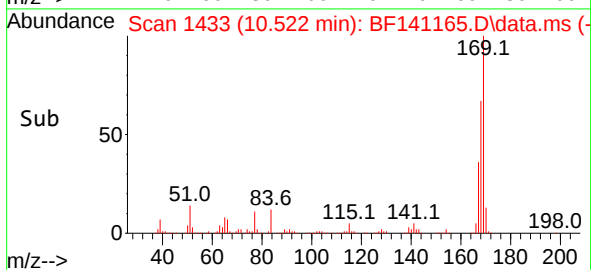
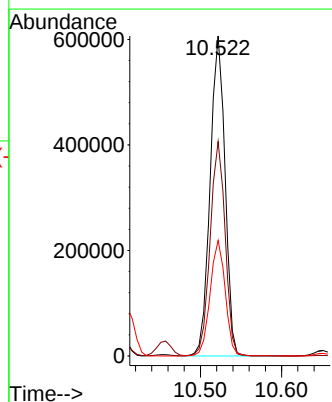
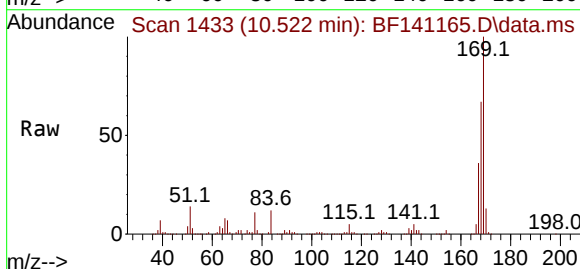
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:198 Resp: 158478
Ion Ratio Lower Upper
198 100
51 43.5 27.1 67.1
105 43.0 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 46.419 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:169 Resp: 771997
Ion Ratio Lower Upper
169 100
168 67.0 52.5 78.7
167 36.1 28.9 43.3

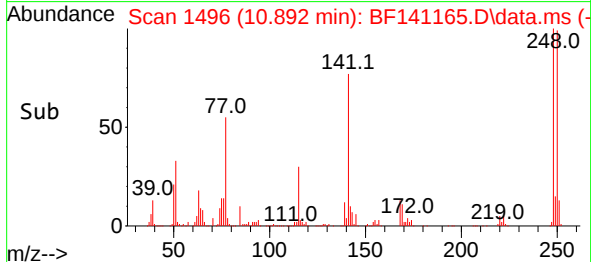
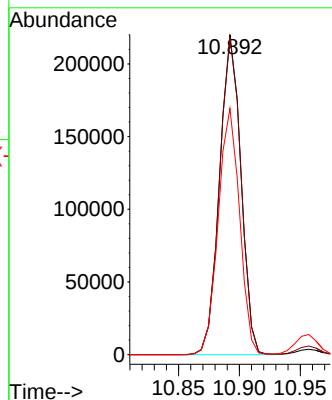
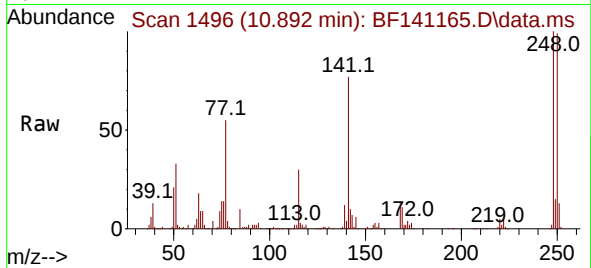




#67
4-Bromophenyl-phenylether
Concen: 45.353 ng
RT: 10.892 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

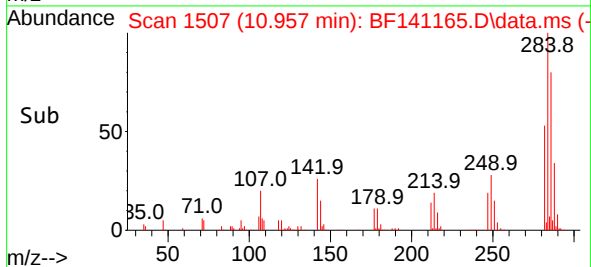
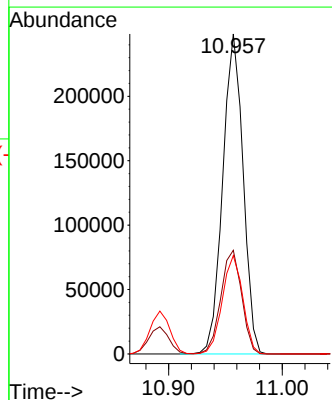
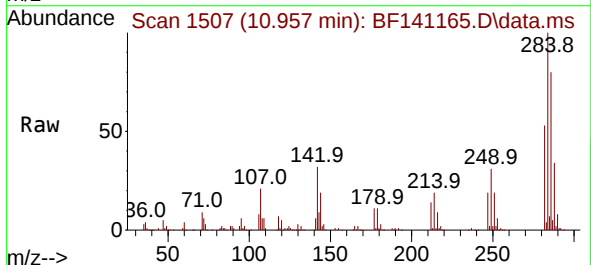
Instrument :
BNA_F
ClientSampleId :
PB166035BS

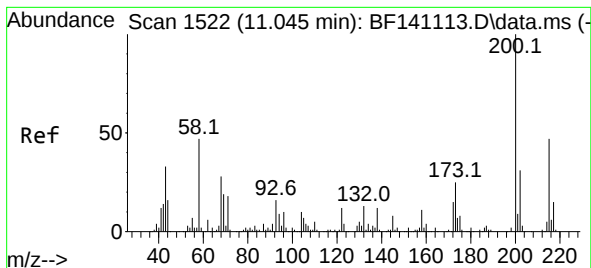
Tgt Ion:248 Resp: 269230
Ion Ratio Lower Upper
248 100
250 99.2 77.9 116.9
141 76.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 46.838 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:284 Resp: 309514
Ion Ratio Lower Upper
284 100
142 32.4 26.3 39.5
249 30.7 24.9 37.3





#69

Atrazine

Concen: 59.388 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

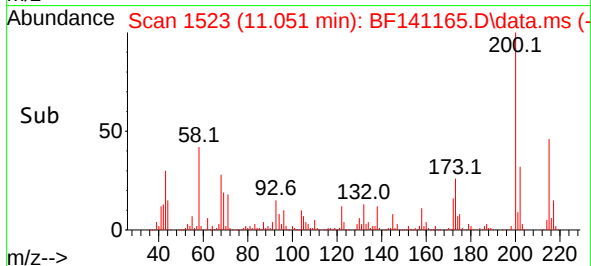
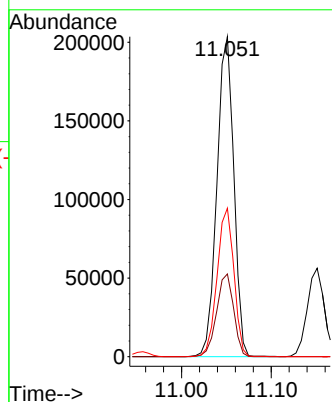
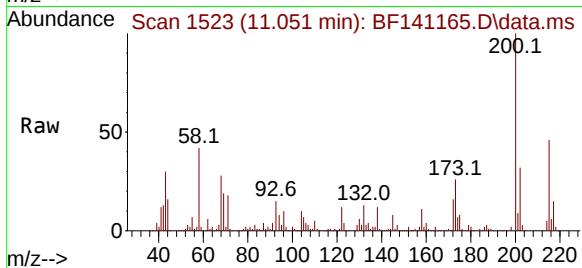
Tgt Ion:200 Resp: 265941

Ion Ratio Lower Upper

200 100

173 25.8 5.4 45.4

215 46.4 26.6 66.6



#70

Pentachlorophenol

Concen: 95.622 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

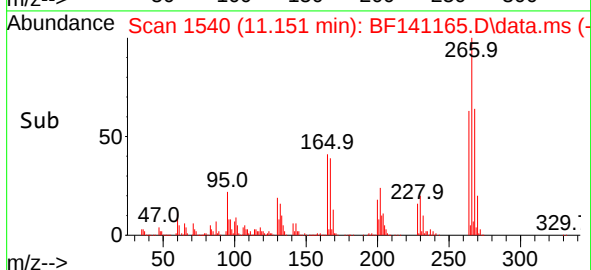
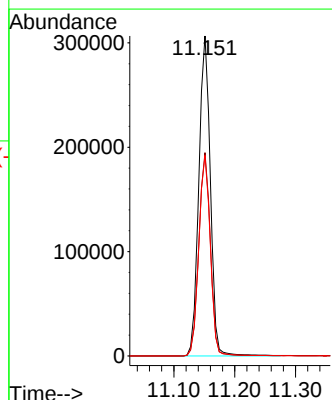
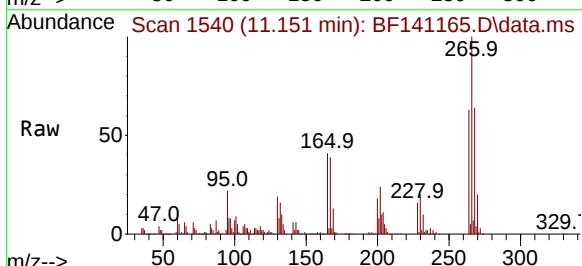
Tgt Ion:266 Resp: 404666

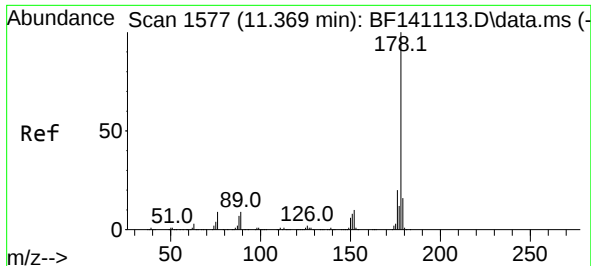
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.7 50.2 75.2

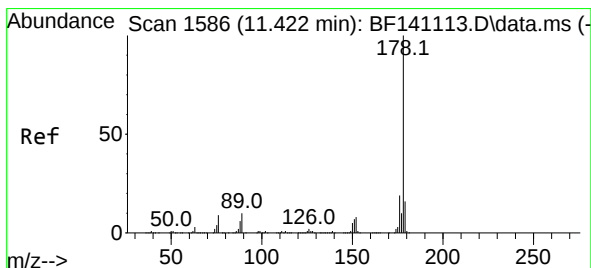
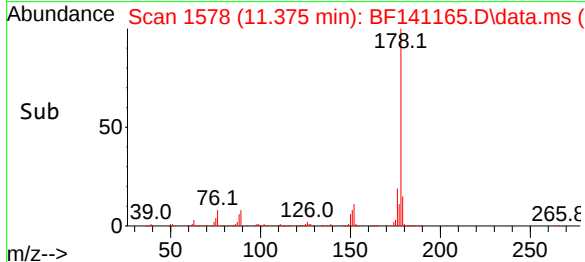
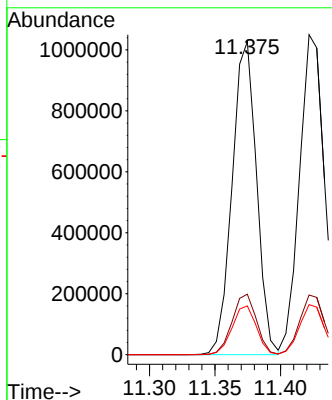
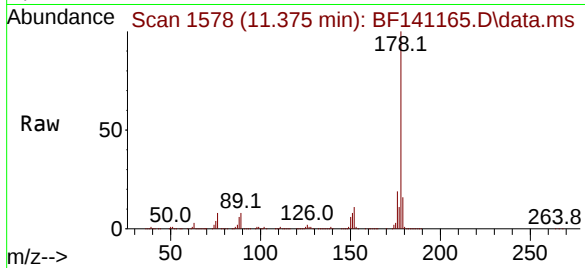




#71
Phenanthrene
Concen: 48.152 ng
RT: 11.375 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

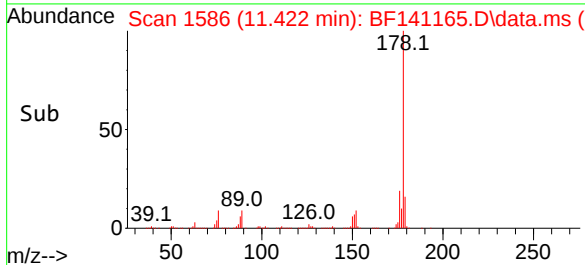
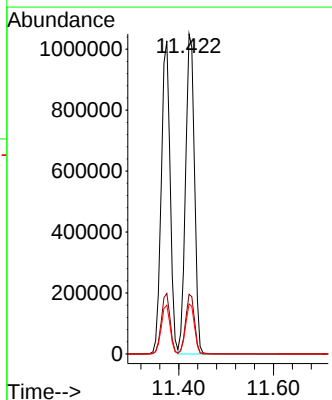
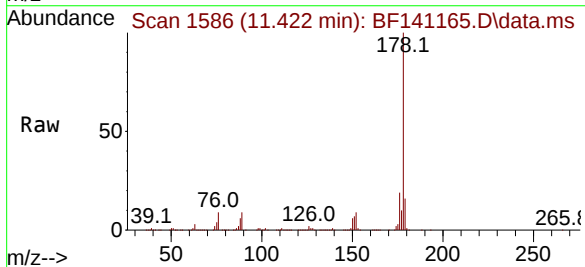
Instrument :
BNA_F
ClientSampleId :
PB166035BS

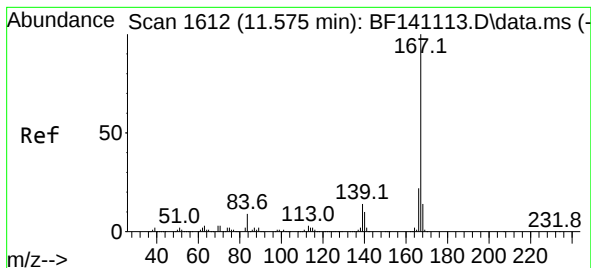
Tgt Ion:178 Resp: 1332947
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 50.816 ng
RT: 11.422 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:178 Resp: 1367788
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.7 12.6 19.0





#73

Carbazole

Concen: 49.571 ng

RT: 11.575 min Scan# 1612

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

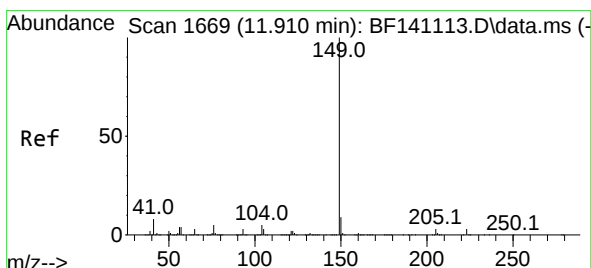
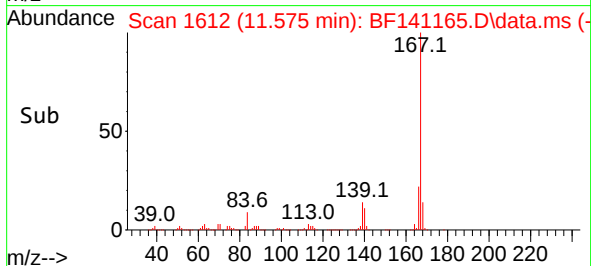
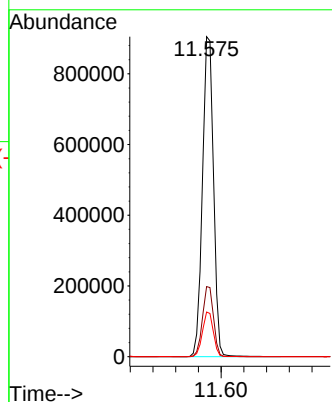
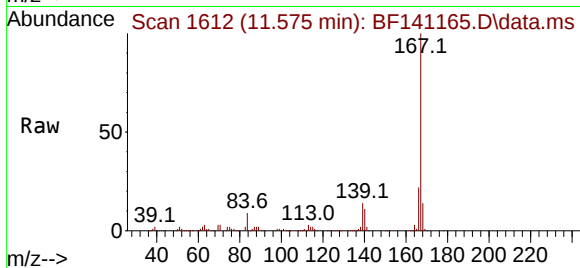
Tgt Ion:167 Resp: 1223450

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.9 10.9 16.3



#74

Di-n-butylphthalate

Concen: 47.390 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

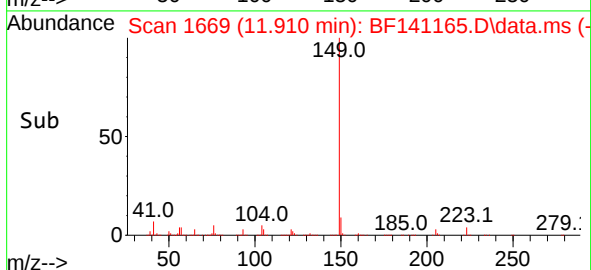
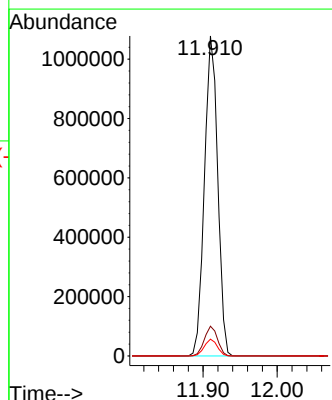
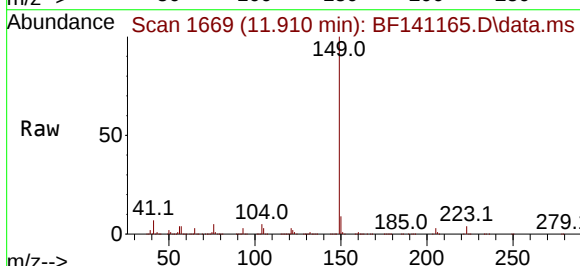
Tgt Ion:149 Resp: 1338545

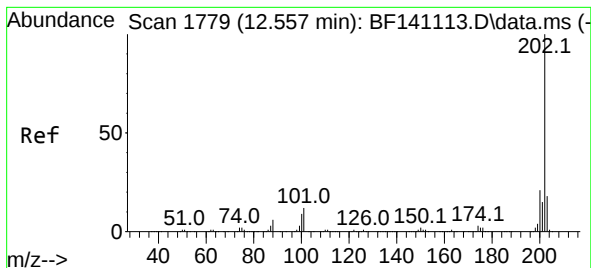
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 51.371 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

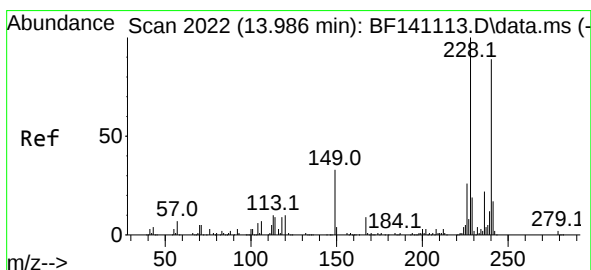
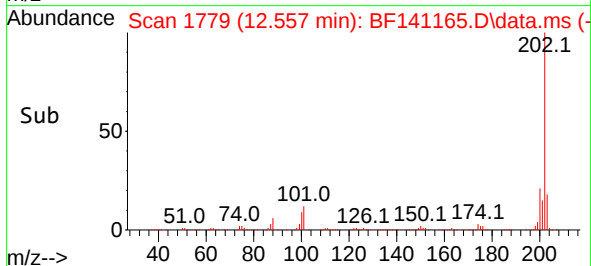
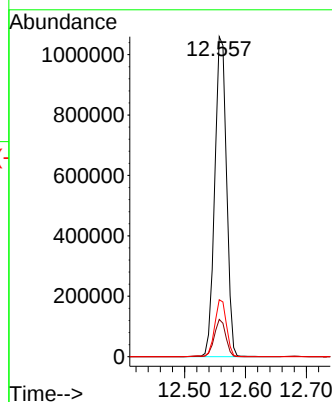
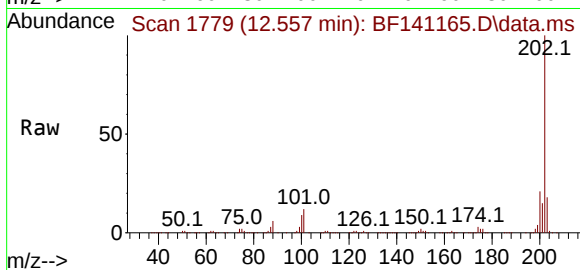
Tgt Ion:202 Resp: 1419075

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

203 17.8 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

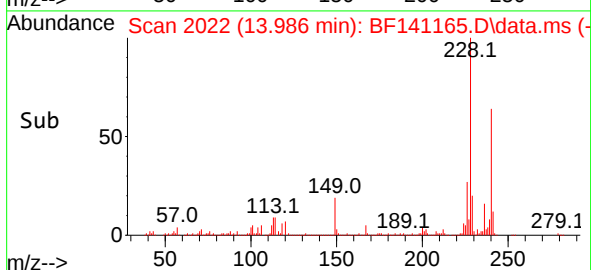
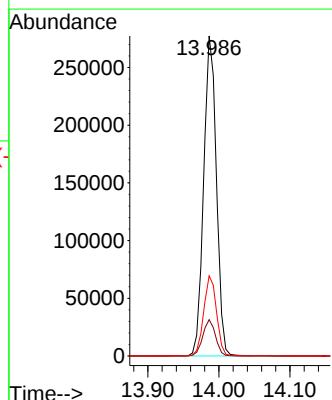
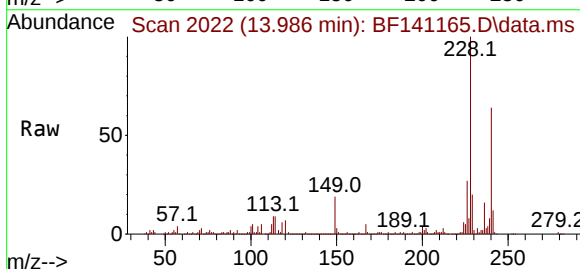
Tgt Ion:240 Resp: 346259

Ion Ratio Lower Upper

240 100

120 11.3 9.1 13.7

236 25.1 19.8 29.6

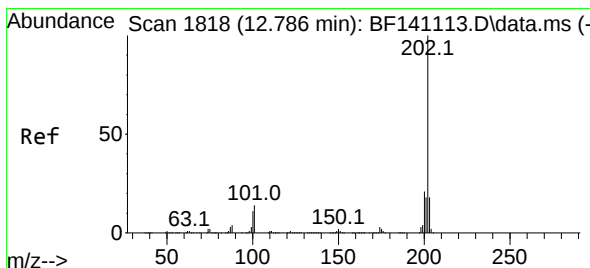
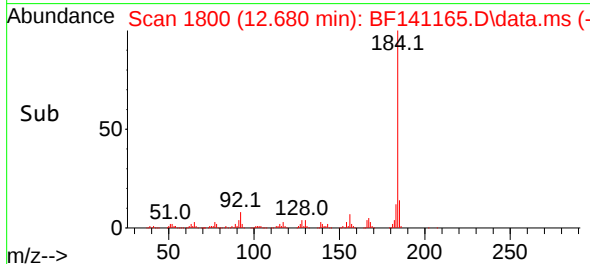
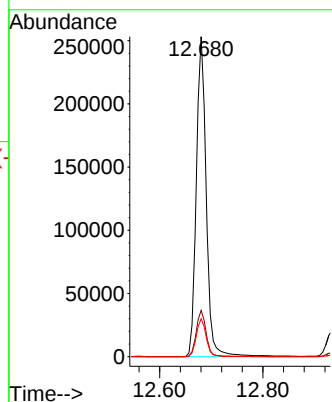
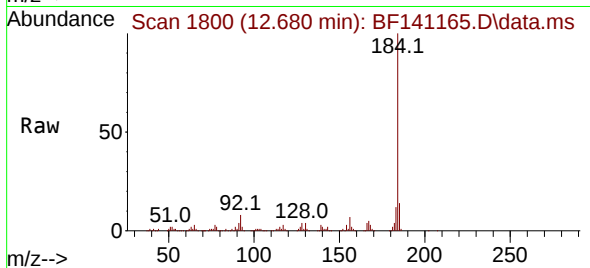




#77
Benzidine
Concen: 52.610 ng
RT: 12.680 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

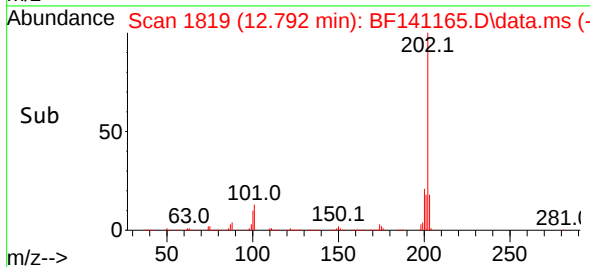
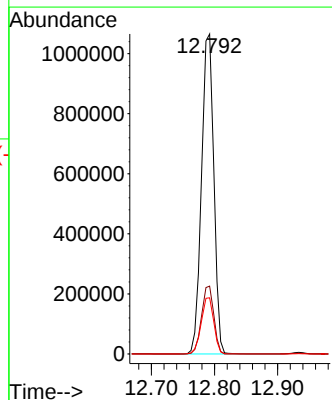
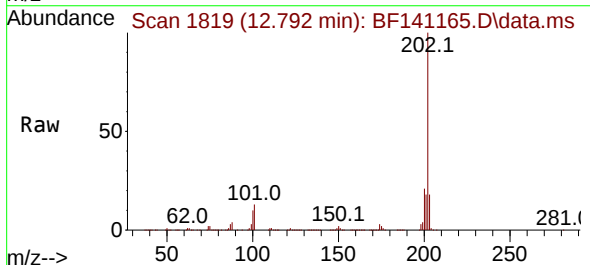
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:184 Resp: 337816
Ion Ratio Lower Upper
184 100
185 14.5 11.4 17.0
183 11.9 9.2 13.8



#78
Pyrene
Concen: 43.609 ng
RT: 12.792 min Scan# 1819
Delta R.T. 0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:202 Resp: 1442231
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 88.698 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

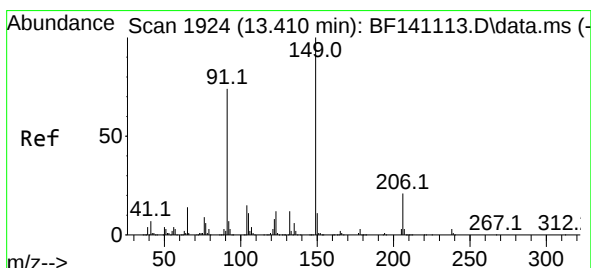
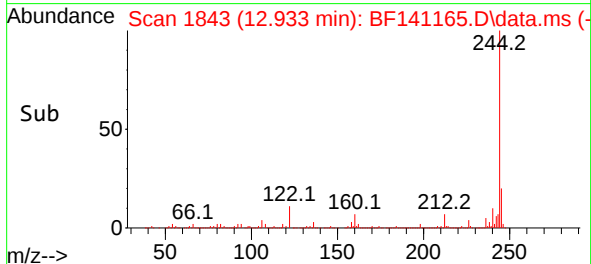
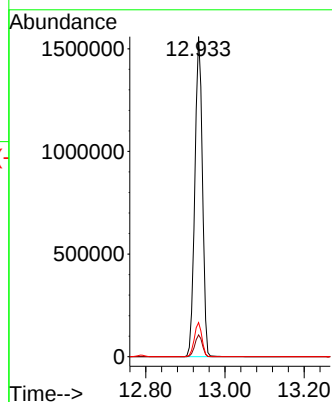
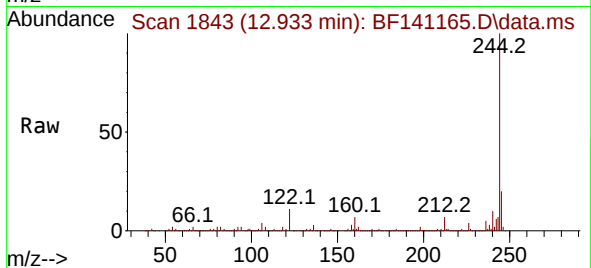
Tgt Ion:244 Resp: 2066373

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.7 8.8 13.2



#80

Butylbenzylphthalate

Concen: 47.451 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

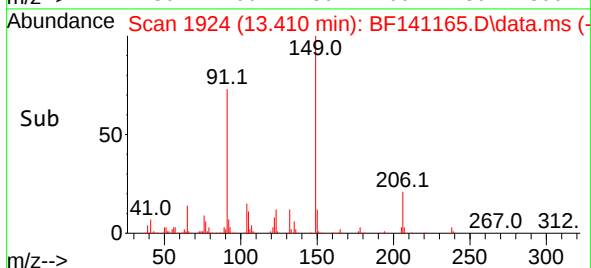
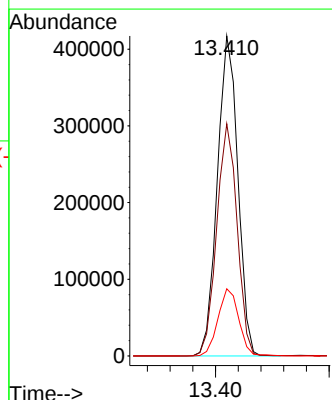
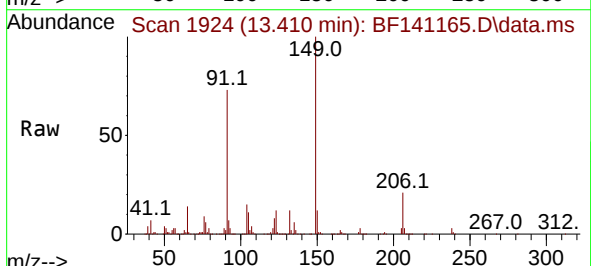
Tgt Ion:149 Resp: 523212

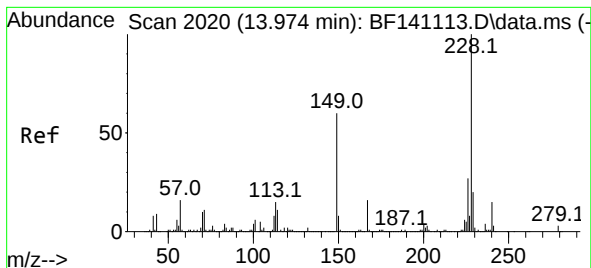
Ion Ratio Lower Upper

149 100

91 72.6 59.0 88.6

206 21.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 46.825 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

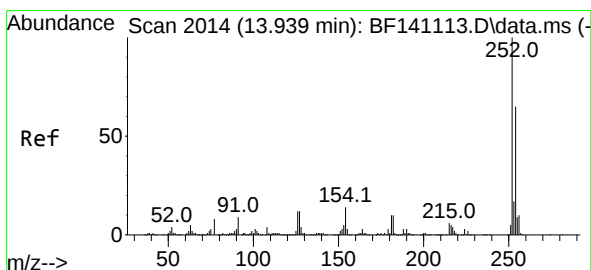
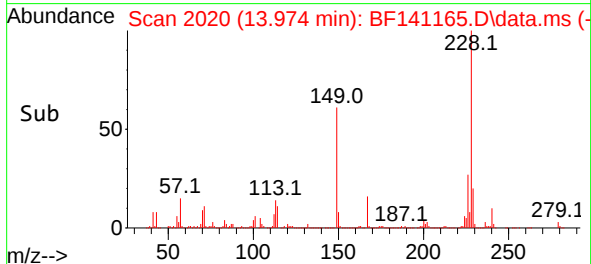
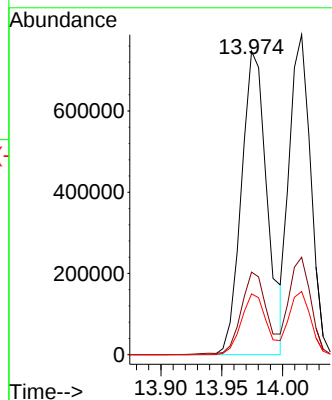
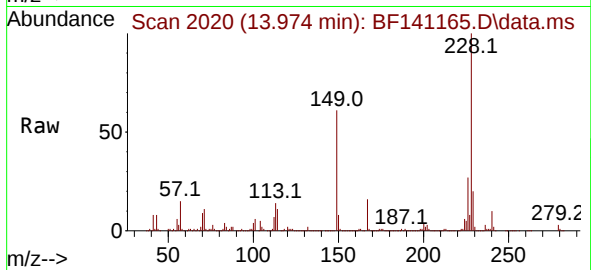
Tgt Ion:228 Resp: 1103435

Ion Ratio Lower Upper

228 100

226 27.2 21.7 32.5

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 31.049 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

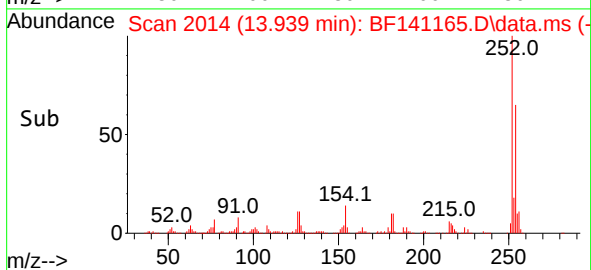
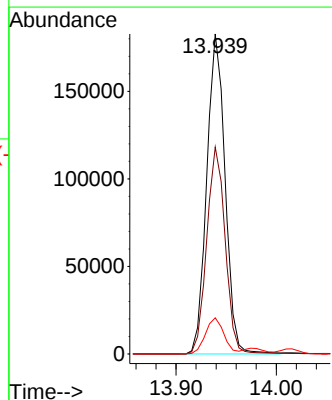
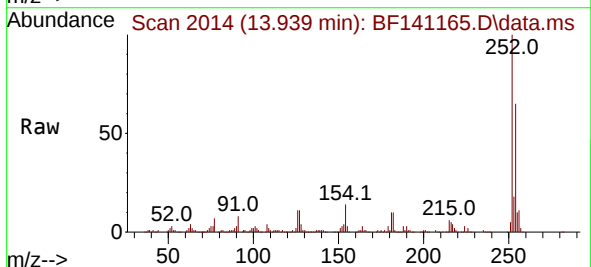
Tgt Ion:252 Resp: 232976

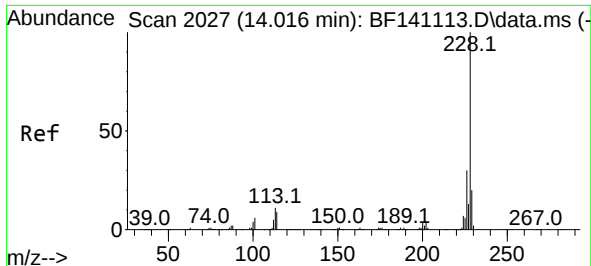
Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

126 11.3 9.4 14.0

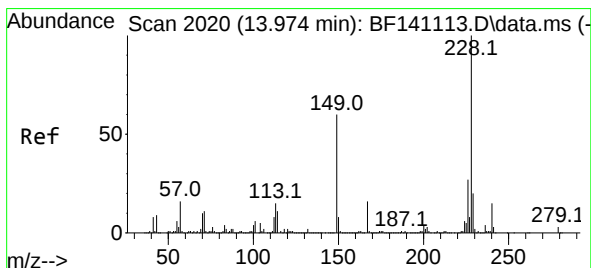
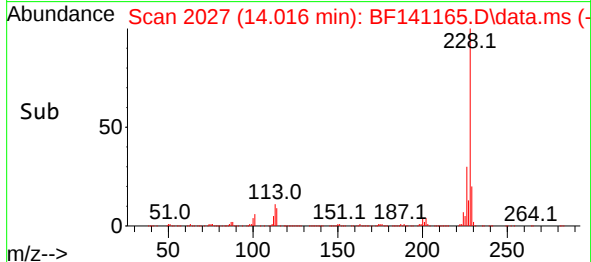
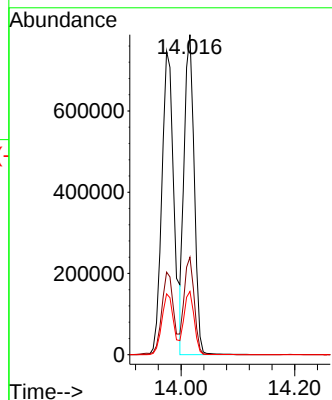
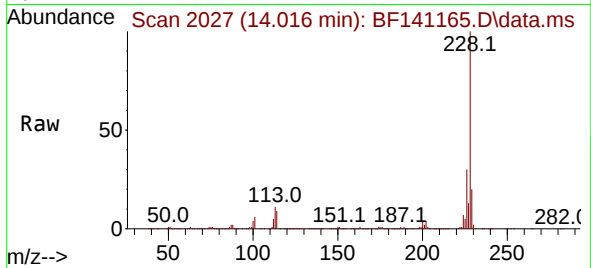




#83
Chrysene
Concen: 43.571 ng
RT: 14.016 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

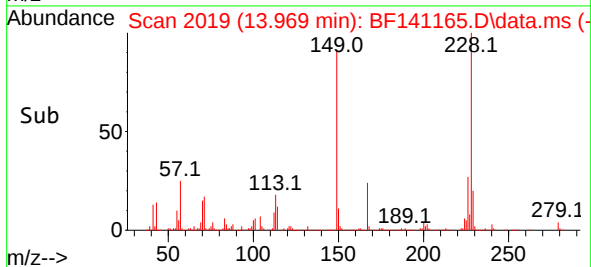
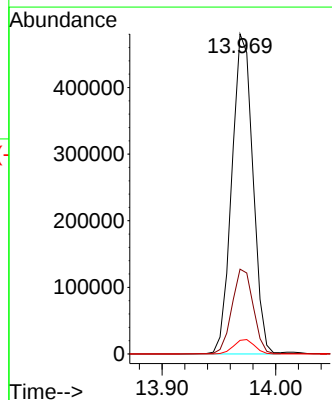
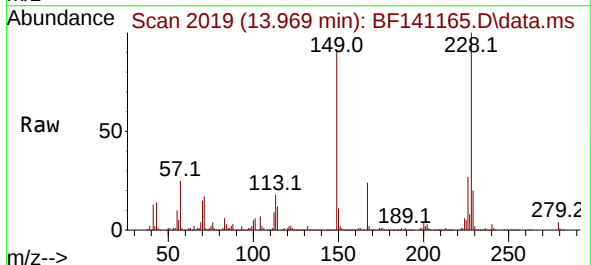
Instrument :
BNA_F
ClientSampleId :
PB166035BS

Tgt Ion:228 Resp: 960710
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 19.8 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.753 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF141165.D
Acq: 15 Jan 2025 10:26

Tgt Ion:149 Resp: 618547
Ion Ratio Lower Upper
149 100
167 26.5 21.4 32.2
279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 44.131 ng

RT: 14.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

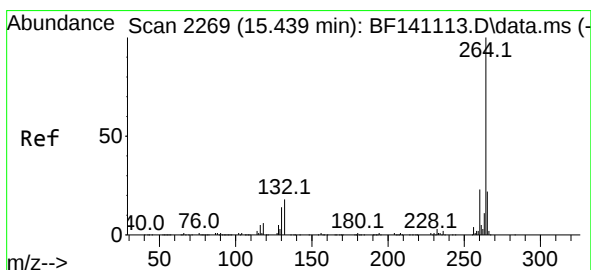
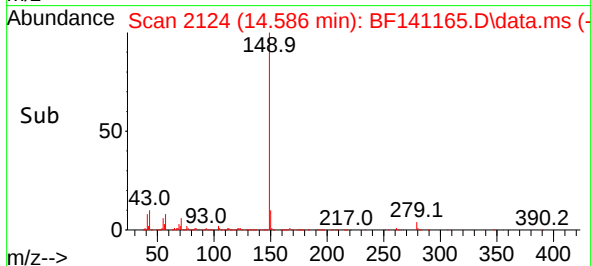
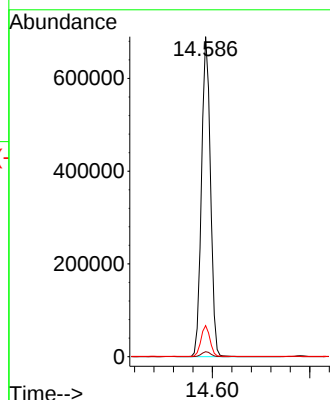
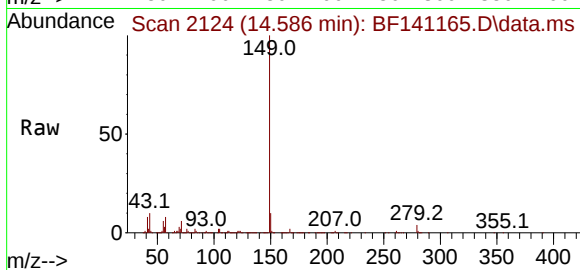
Tgt Ion:149 Resp: 881680

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.7 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: BF141165.D

Acq: 15 Jan 2025 10:26

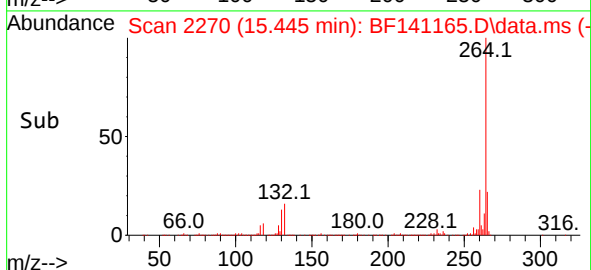
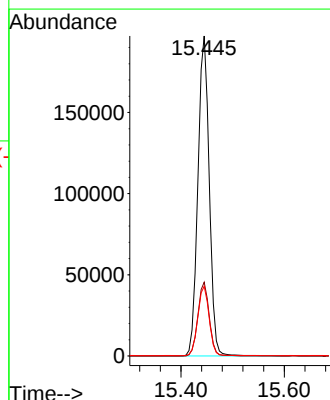
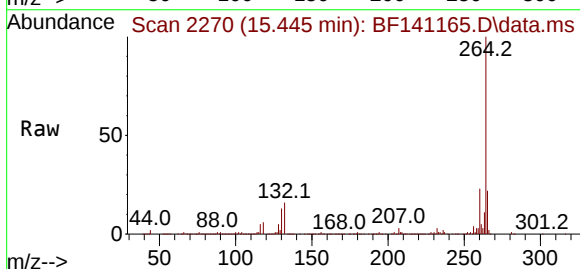
Tgt Ion:264 Resp: 300143

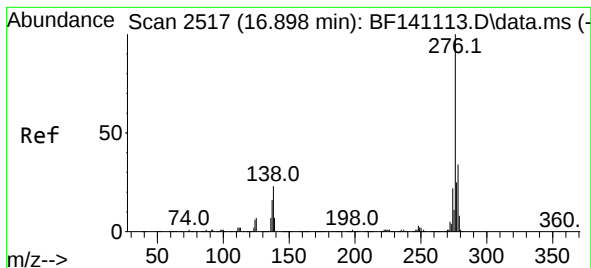
Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.691 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

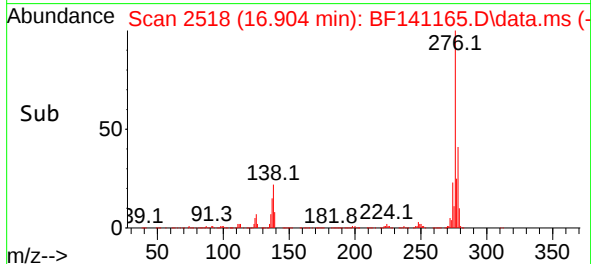
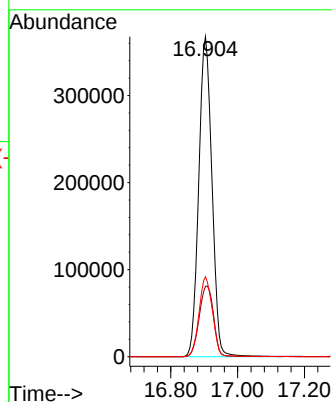
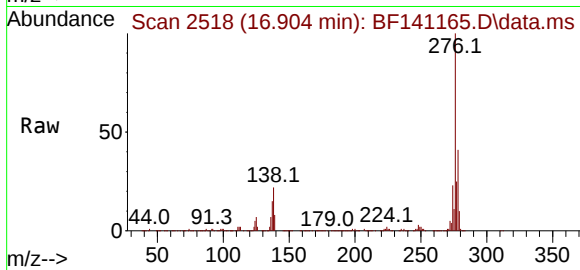
Tgt Ion:276 Resp: 1004718

Ion Ratio Lower Upper

276 100

138 24.1 20.7 31.1

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.075 ng

RT: 15.021 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

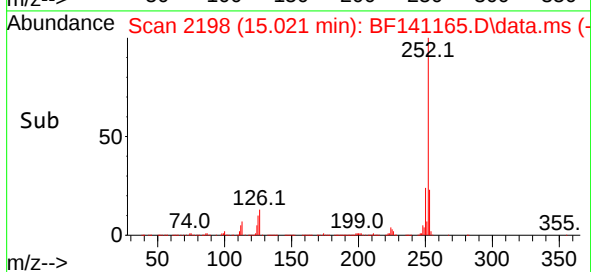
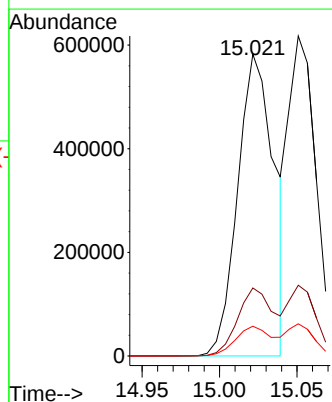
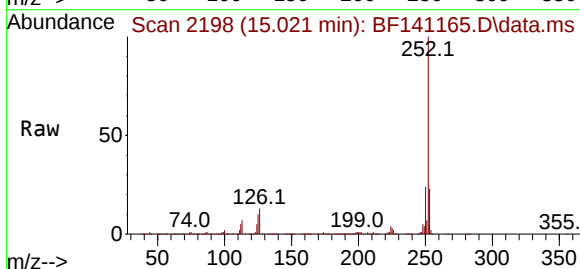
Tgt Ion:252 Resp: 949809

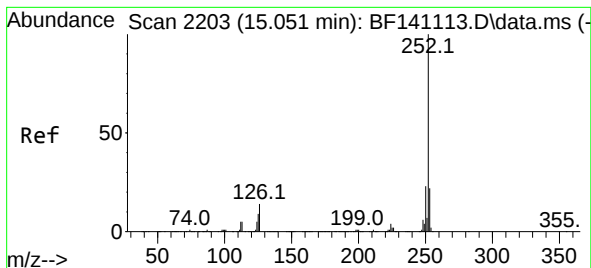
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 9.9 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.966 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

Instrument :

BNA_F

ClientSampleId :

PB166035BS

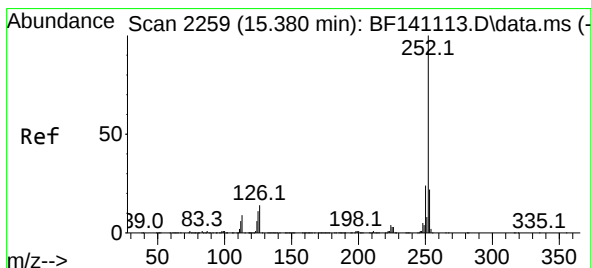
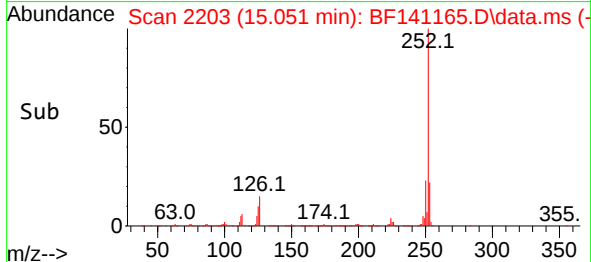
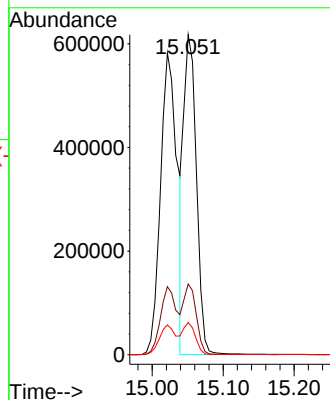
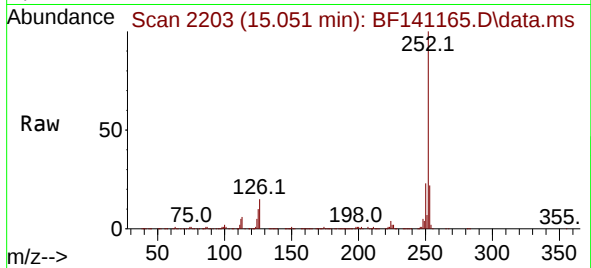
Tgt Ion:252 Resp: 768181

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 50.551 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141165.D

Acq: 15 Jan 2025 10:26

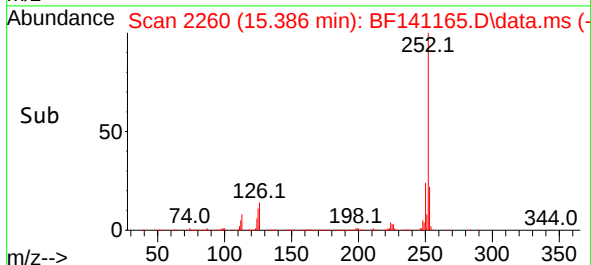
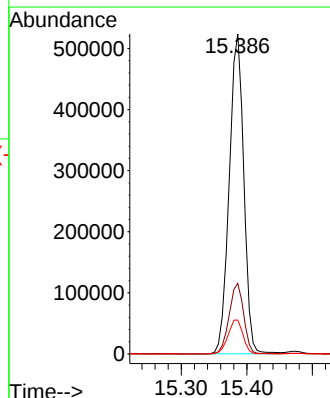
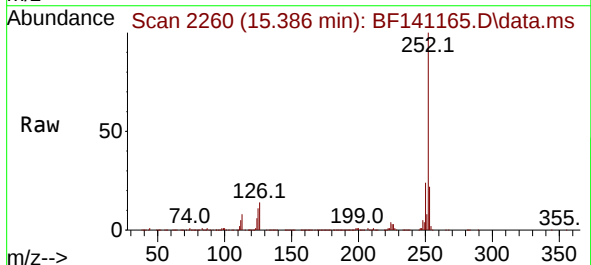
Tgt Ion:252 Resp: 807216

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.6 9.1 13.7

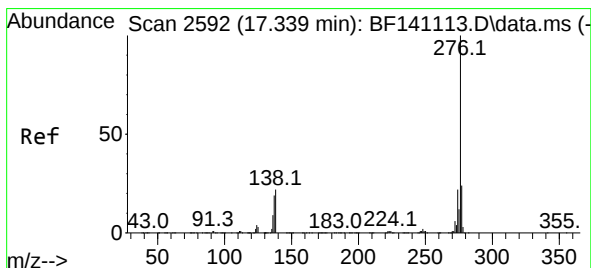
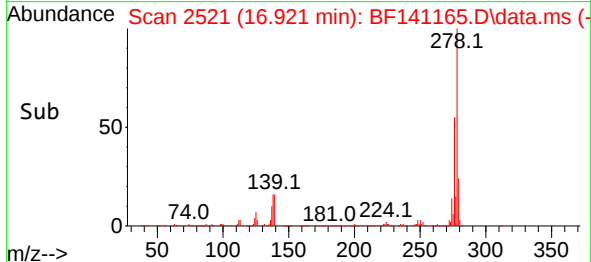
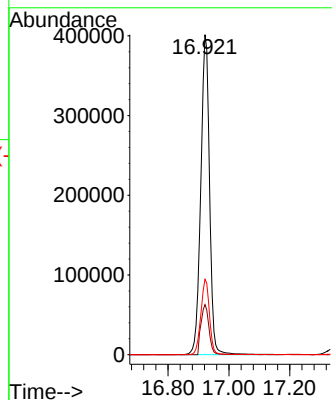
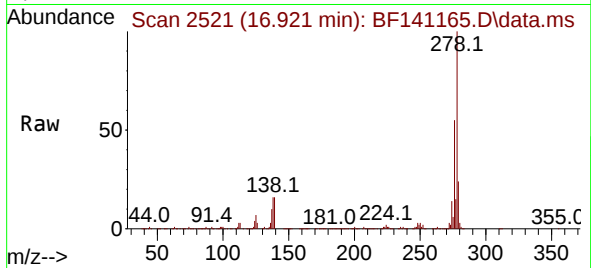




#91
 Dibenzo(a,h)anthracene
 Concen: 45.345 ng
 RT: 16.921 min Scan# 2521
 Delta R.T. 0.006 min
 Lab File: BF141165.D
 Acq: 15 Jan 2025 10:26

Instrument :
 BNA_F
 ClientSampleId :
 PB166035BS

Tgt Ion:278 Resp: 806473
 Ion Ratio Lower Upper
 278 100
 139 15.7 13.8 20.6
 279 23.5 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 41.176 ng
 RT: 17.345 min Scan# 2593
 Delta R.T. 0.006 min
 Lab File: BF141165.D
 Acq: 15 Jan 2025 10:26

Tgt Ion:276 Resp: 761728
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.0 28.4
 138 20.7 17.4 26.2

