

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140865.D
 Acq On : 16 Dec 2024 17:34
 Operator : RC/JU
 Sample : PB165543BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

Quant Time: Dec 17 00:03:03 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	90513	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	356175	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	197058	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	377454	20.000	ng	0.00
76) Chrysene-d12	14.027	240	267634	20.000	ng	0.00
86) Perylene-d12	15.504	264	229835	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	716910	130.386	ng	0.01
7) Phenol-d6	6.504	99	962704	132.192	ng	0.00
23) Nitrobenzene-d5	7.416	82	679235	95.411	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	316209	135.675	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1358562	94.785	ng	0.00
79) Terphenyl-d14	12.957	244	1534027	90.383	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	82537	34.850	ng	98
3) Pyridine	3.522	79	212128	38.676	ng	98
4) n-Nitrosodimethylamine	3.475	42	121863	44.074	ng	99
6) Aniline	6.516	93	286143	45.954	ng	89
8) 2-Chlorophenol	6.645	128	300934	50.190	ng	100
9) Benzaldehyde	6.404	77	74769	18.529	ng	98
10) Phenol	6.516	94	370345	49.066	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	279907	49.727	ng	99
12) 1,3-Dichlorobenzene	6.787	146	317647	46.492	ng	99
13) 1,4-Dichlorobenzene	6.863	146	327865	47.275	ng	98
14) 1,2-Dichlorobenzene	7.016	146	309630	47.319	ng	99
15) Benzyl Alcohol	6.998	79	278256	53.438	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	343960	51.871	ng	87
17) 2-Methylphenol	7.116	107	237645	49.643	ng	98
18) Hexachloroethane	7.351	117	127330	49.318	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	219618	50.274	ng	99
20) 3+4-Methylphenols	7.269	107	324430	51.109	ng	95
22) Acetophenone	7.263	105	431778	48.461	ng	99
24) Nitrobenzene	7.434	77	353213	48.430	ng	100
25) Isophorone	7.675	82	646846	54.228	ng	100
26) 2-Nitrophenol	7.751	139	172786	51.439	ng	99
27) 2,4-Dimethylphenol	7.792	122	246455	62.826	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	377230	50.634	ng	98
29) 2,4-Dichlorophenol	7.998	162	264503	48.839	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	276424	44.523	ng	99
31) Naphthalene	8.151	128	910875	46.556	ng	100
32) Benzoic acid	7.951	122	175932	47.288	ng	99
33) 4-Chloroaniline	8.204	127	197989	30.469	ng	98
34) Hexachlorobutadiene	8.257	225	184602	44.194	ng	98
35) Caprolactam	8.592	113	80140m	49.704	ng	
36) 4-Chloro-3-methylphenol	8.704	107	296247	48.600	ng	99
37) 2-Methylnaphthalene	8.839	142	612982	47.363	ng	100
38) 1-Methylnaphthalene	8.939	142	570015	44.533	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	306599	50.620	ng	99
41) Hexachlorocyclopentadiene	8.992	237	181932	82.011	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	189223	51.021	ng	99

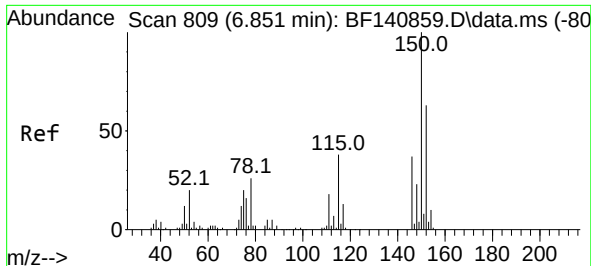
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
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 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	199375	48.910	ng	99
46) 1,1'-Biphenyl	9.304	154	788502	50.320	ng	100
47) 2-Chloronaphthalene	9.333	162	583121	48.644	ng	99
48) 2-Nitroaniline	9.439	65	189989	52.477	ng	96
49) Acenaphthylene	9.751	152	1005685	57.087	ng	100
50) Dimethylphthalate	9.610	163	737747	53.102	ng	99
51) 2,6-Dinitrotoluene	9.680	165	161941	50.988	ng	96
52) Acenaphthene	9.922	154	546753	48.587	ng	100
53) 3-Nitroaniline	9.851	138	109691	34.801	ng	97
54) 2,4-Dinitrophenol	9.969	184	138933	88.863	ng	98
55) Dibenzofuran	10.092	168	903468	51.812	ng	100
56) 4-Nitrophenol	10.039	139	188996	109.727	ng	97
57) 2,4-Dinitrotoluene	10.086	165	214768	51.394	ng	97
58) Fluorene	10.433	166	695761	48.365	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	186837	56.248	ng	95
60) Diethylphthalate	10.310	149	740176	51.378	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	352450	48.774	ng	99
62) 4-Nitroaniline	10.475	138	162926	49.466	ng	98
63) Azobenzene	10.586	77	701359	51.784	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	107026	50.039	ng	96
66) n-Nitrosodiphenylamine	10.545	169	625038	53.859	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	211544	50.097	ng	98
68) Hexachlorobenzene	10.986	284	242903	50.736	ng	98
69) Atrazine	11.074	200	200926	61.992	ng	100
70) Pentachlorophenol	11.192	266	197170	112.644	ng	99
71) Phenanthrene	11.404	178	973754	50.167	ng	100
72) Anthracene	11.451	178	990947	51.840	ng	99
73) Carbazole	11.610	167	930598	49.703	ng	99
74) Di-n-butylphthalate	11.927	149	1058182	48.157	ng	100
75) Fluoranthene	12.592	202	1117375	49.985	ng	99
77) Benzidine	12.716	184	298039	54.563	ng	99
78) Pyrene	12.821	202	1065826	44.783	ng	100
80) Butylbenzylphthalate	13.427	149	423854	48.401	ng	99
81) Benzo(a)anthracene	14.015	228	952811	50.232	ng	100
82) 3,3'-Dichlorobenzidine	13.974	252	221424	38.692	ng	98
83) Chrysene	14.051	228	868461	50.350	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	605903	53.659	ng	99
85) Di-n-octyl phthalate	14.604	149	932584	54.592	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	758577	52.890	ng	99
88) Benzo(b)fluoranthene	15.074	252	790622	49.556	ng	100
89) Benzo(k)fluoranthene	15.104	252	633831	46.315	ng	100
90) Benzo(a)pyrene	15.445	252	659457	52.788	ng	100
91) Dibenzo(a,h)anthracene	17.021	278	623294	52.457	ng	99
92) Benzo(g,h,i)perylene	17.462	276	550945	45.558	ng	99

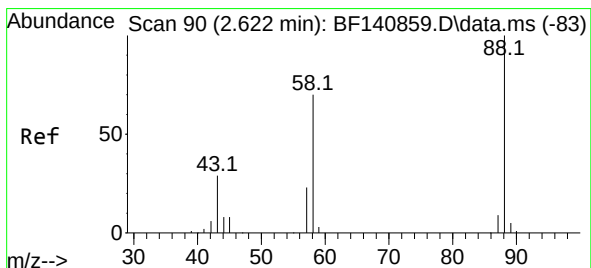
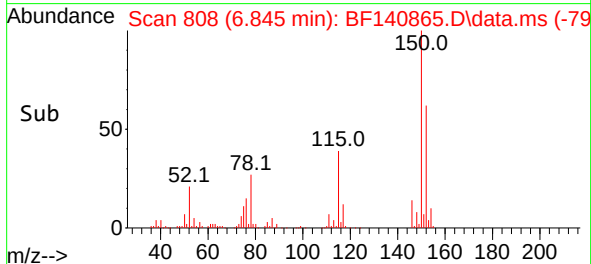
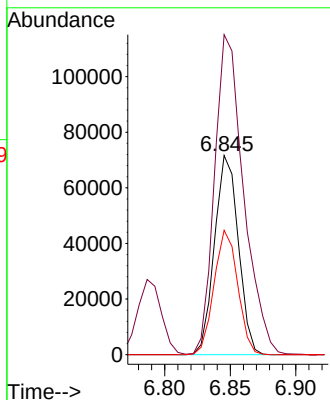
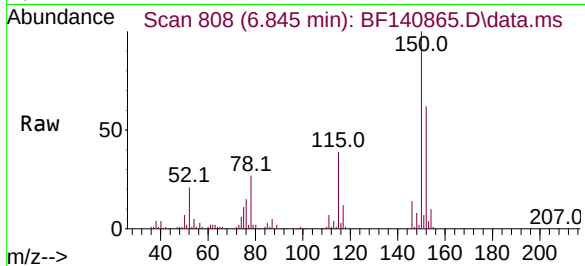
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

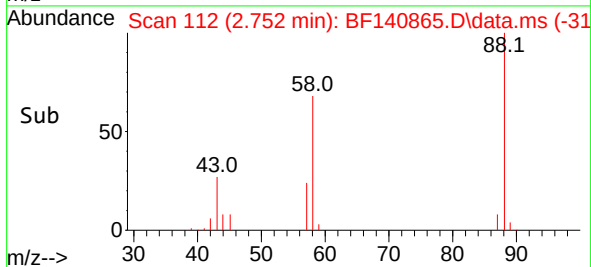
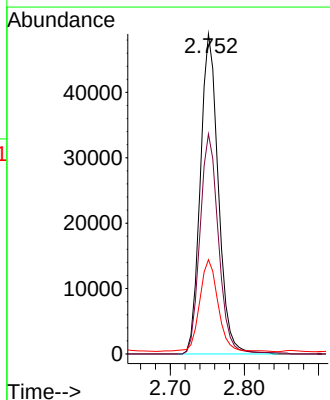
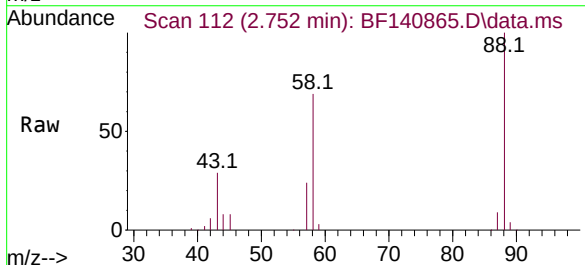
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

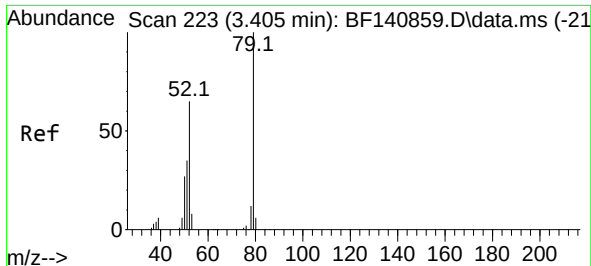
Tgt Ion:152 Resp: 90513
 Ion Ratio Lower Upper
 152 100
 150 160.6 127.9 191.9
 115 62.4 48.0 72.0



#2
 1,4-Dioxane
 Concen: 34.850 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.129 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

Tgt Ion: 88 Resp: 82537
 Ion Ratio Lower Upper
 88 100
 58 70.9 55.8 83.8
 43 29.7 22.7 34.1





#3

Pyridine

Concen: 38.676 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.117 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

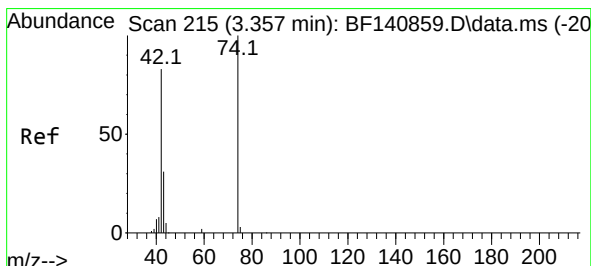
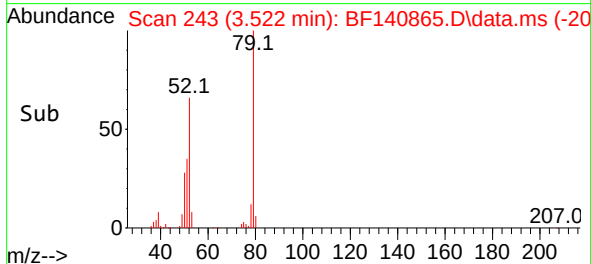
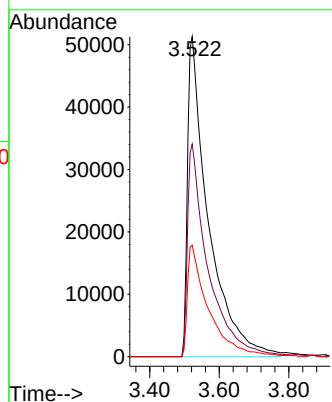
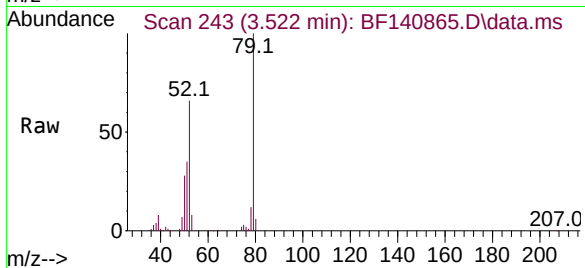
Tgt Ion: 79 Resp: 212128

Ion Ratio Lower Upper

79 100

52 66.5 51.7 77.5

51 34.8 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 44.074 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.117 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

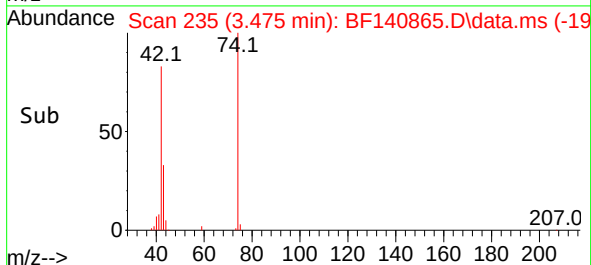
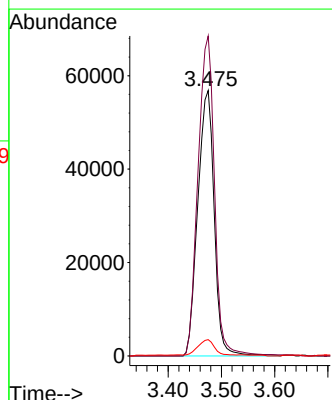
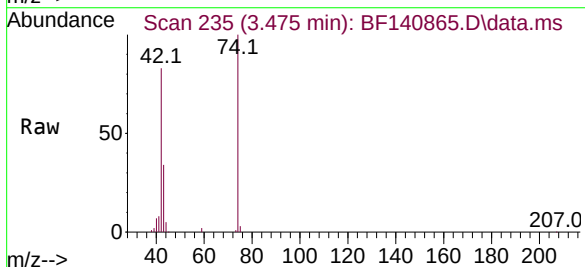
Tgt Ion: 42 Resp: 121863

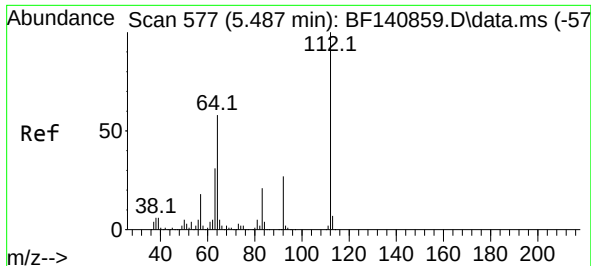
Ion Ratio Lower Upper

42 100

74 120.5 96.9 145.3

44 6.1 4.4 6.6

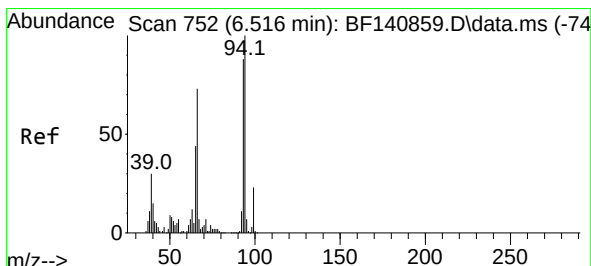
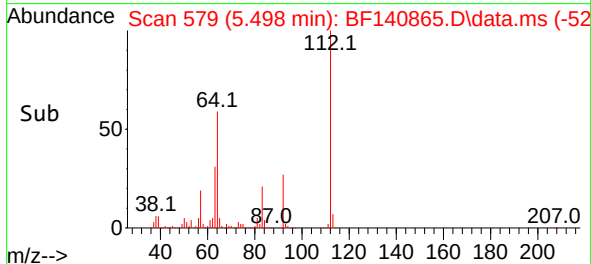
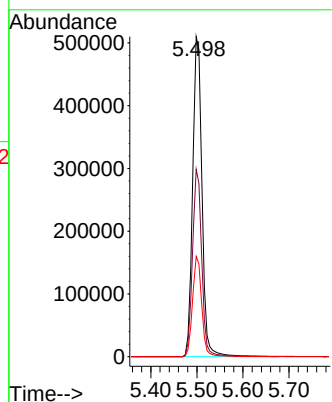
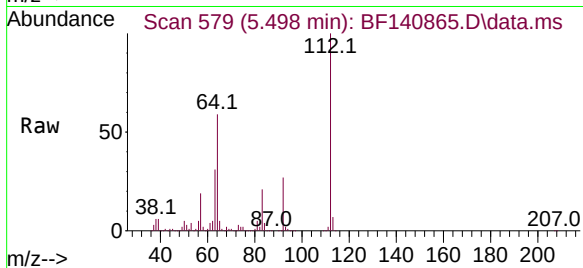




#5
2-Fluorophenol
Concen: 130.386 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

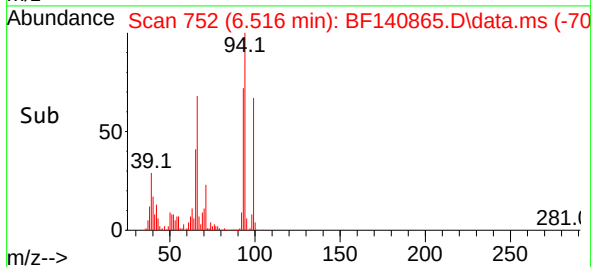
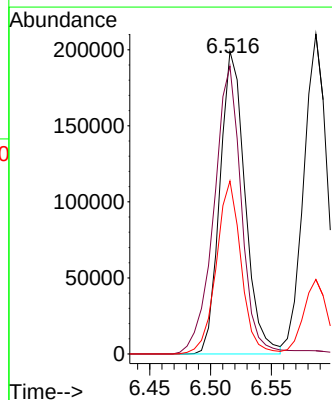
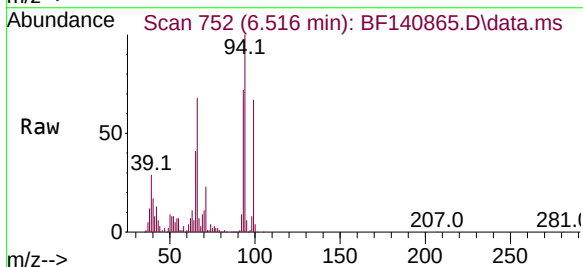
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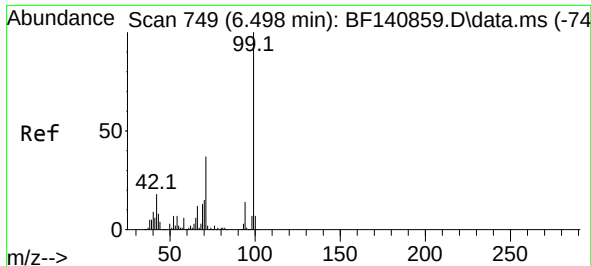
Tgt Ion:112 Resp: 716910
Ion Ratio Lower Upper
112 100
64 58.6 46.1 69.1
63 31.4 24.9 37.3



#6
Aniline
Concen: 45.954 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion: 93 Resp: 286143
Ion Ratio Lower Upper
93 100
66 95.1 67.0 100.4
65 57.1 40.4 60.6

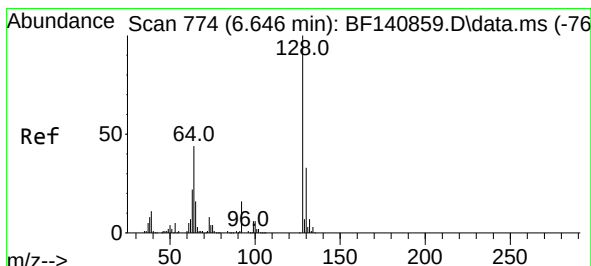
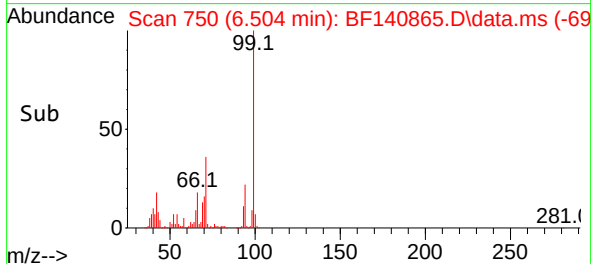
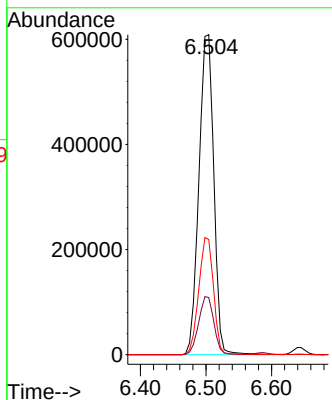
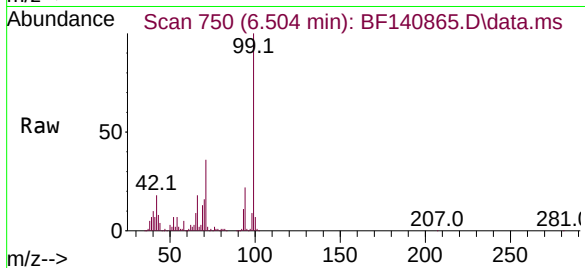




#7
Phenol-d6
Concen: 132.192 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

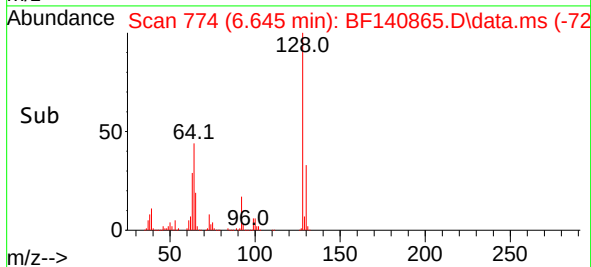
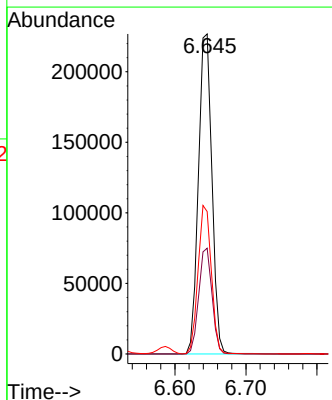
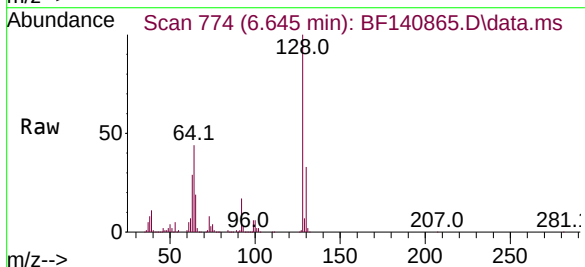
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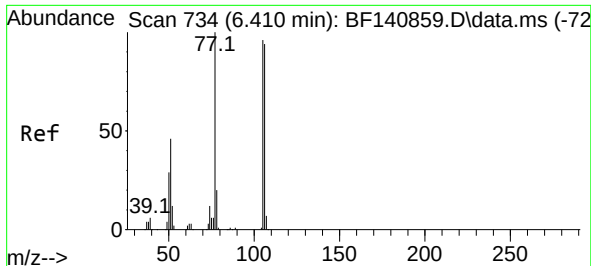
Tgt Ion: 99 Resp: 962704
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 36.0 29.9 44.9



#8
2-Chlorophenol
Concen: 50.190 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:128 Resp: 300934
Ion Ratio Lower Upper
128 100
130 33.1 12.9 52.9
64 44.5 24.3 64.3





#9

Benzaldehyde

Concen: 18.529 ng

RT: 6.404 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

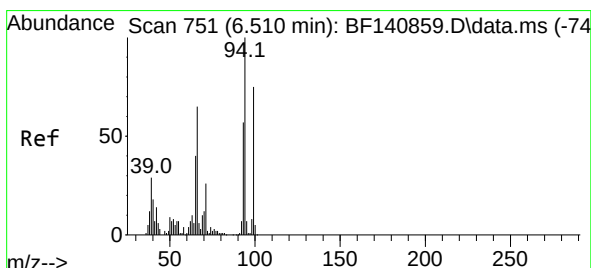
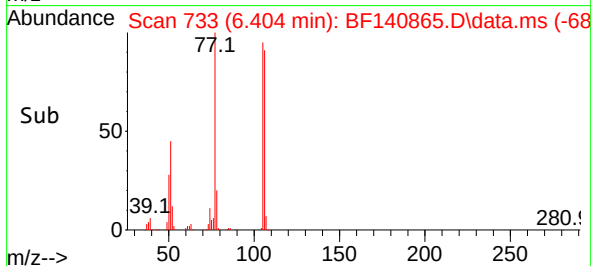
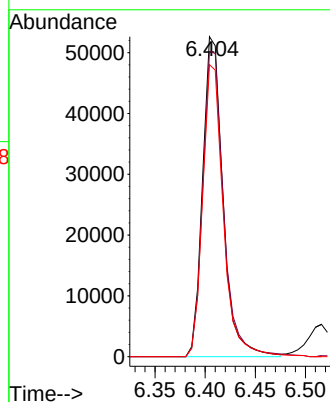
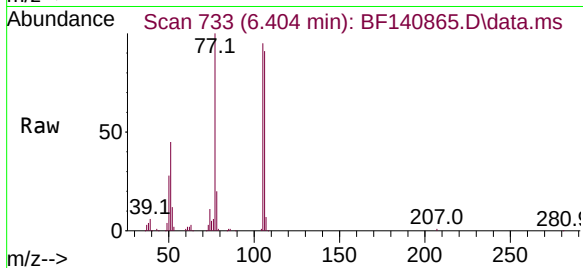
Tgt Ion: 77 Resp: 74769

Ion Ratio Lower Upper

77 100

105 95.4 75.8 115.8

106 91.2 74.1 114.1



#10

Phenol

Concen: 49.066 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

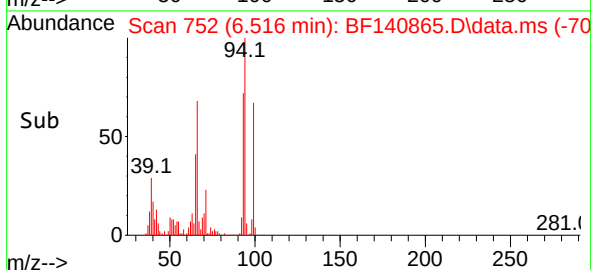
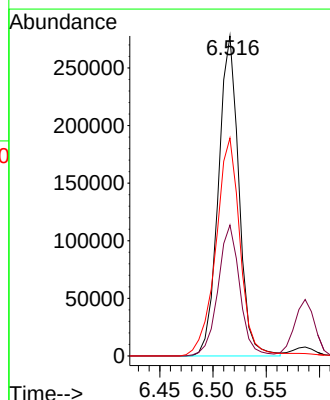
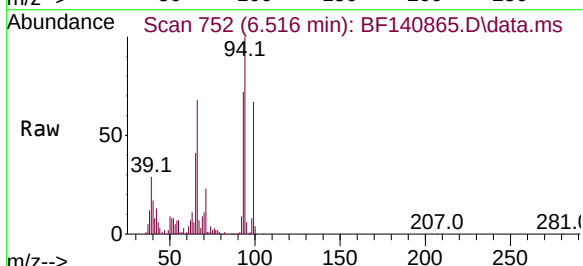
Tgt Ion: 94 Resp: 370345

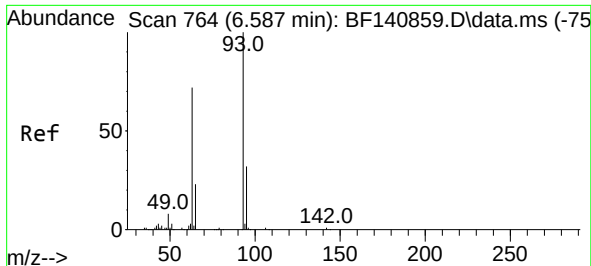
Ion Ratio Lower Upper

94 100

65 40.9 19.9 59.9

66 68.1 45.6 85.6

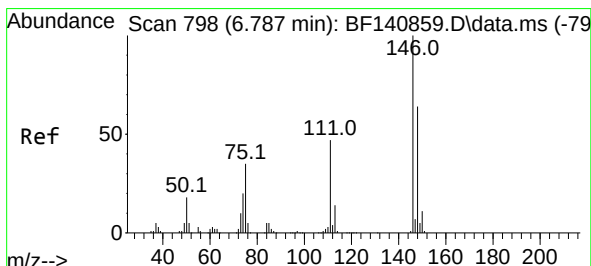
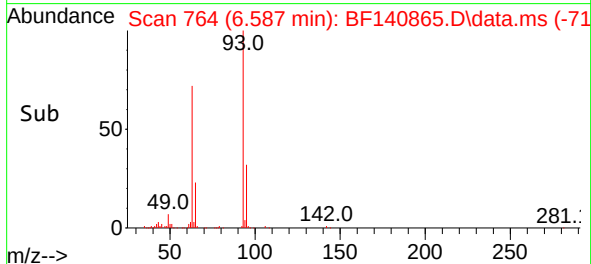
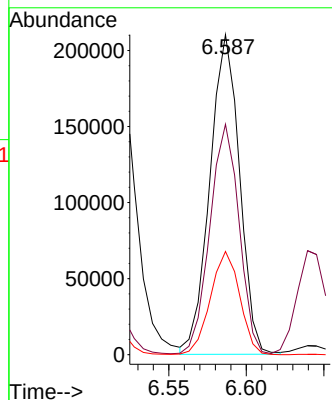
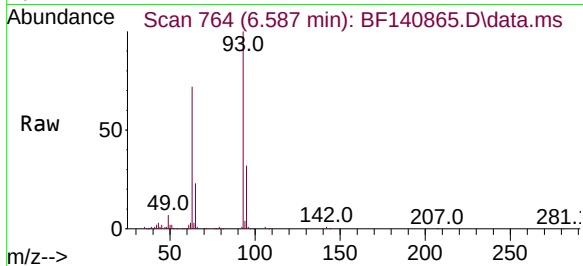




#11
bis(2-Chloroethyl)ether
Concen: 49.727 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

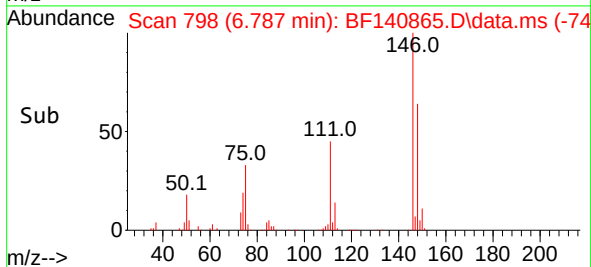
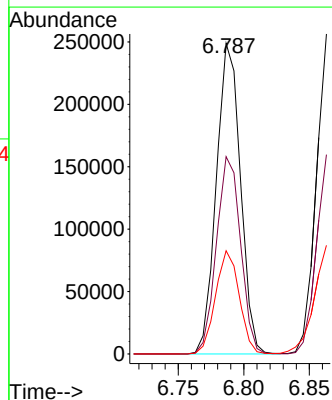
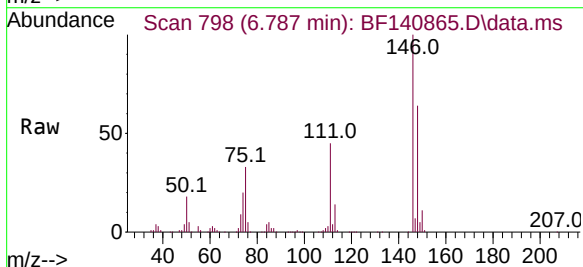
Instrument :
BNA_F
ClientSampleId :
PB165543BS

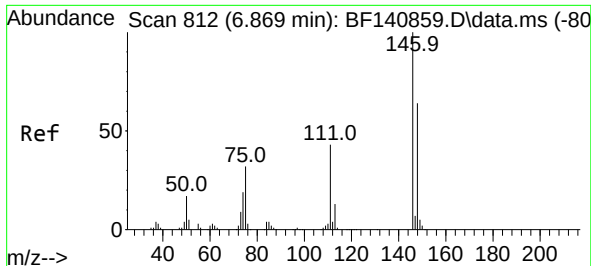
Tgt Ion: 93 Resp: 279907
Ion Ratio Lower Upper
93 100
63 72.0 51.0 91.0
95 32.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 46.492 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:146 Resp: 317647
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
75 33.2 28.1 42.1

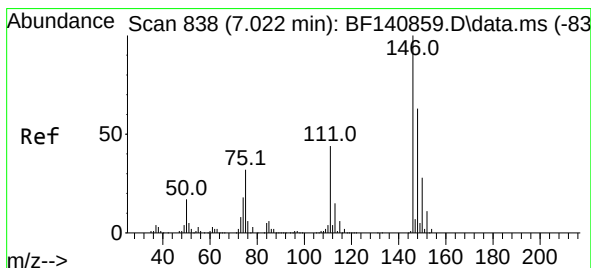
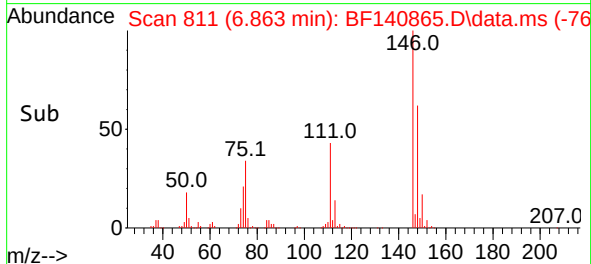
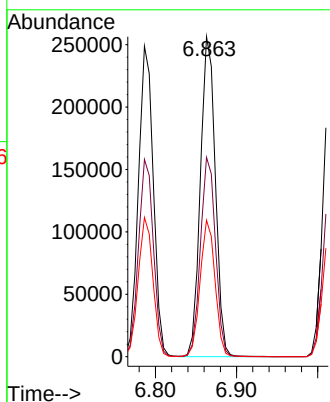
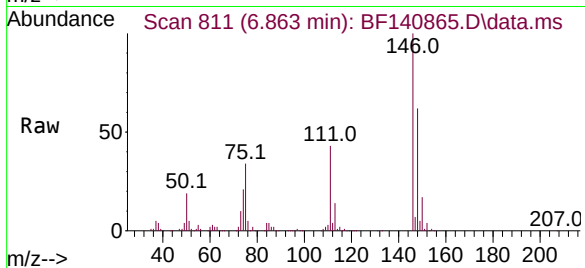




#13
1,4-Dichlorobenzene
Concen: 47.275 ng
RT: 6.863 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

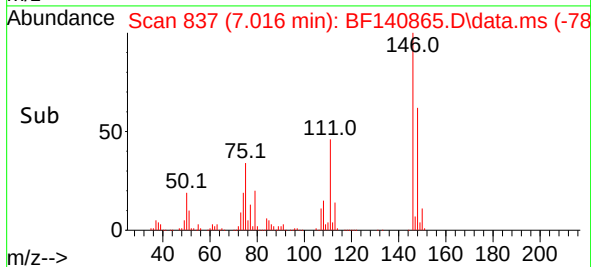
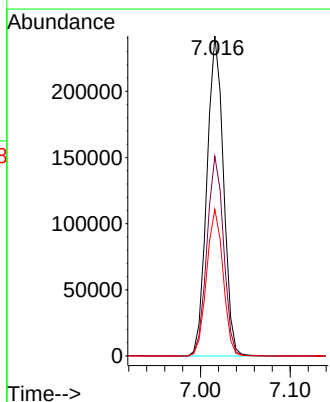
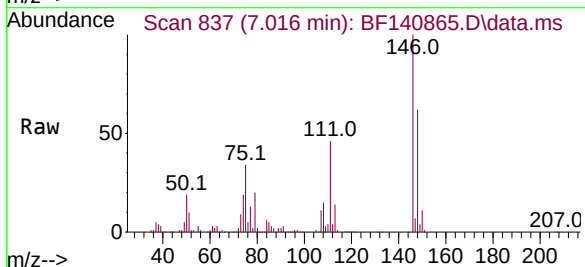
Instrument :
BNA_F
ClientSampleId :
PB165543BS

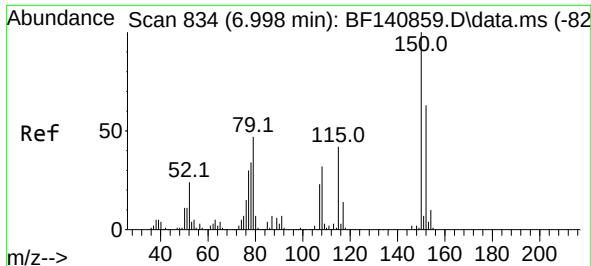
Tgt Ion:146 Resp: 327865
Ion Ratio Lower Upper
146 100
148 62.3 51.3 76.9
111 42.7 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 47.319 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:146 Resp: 309630
Ion Ratio Lower Upper
146 100
148 62.4 50.0 75.0
111 45.8 35.6 53.4

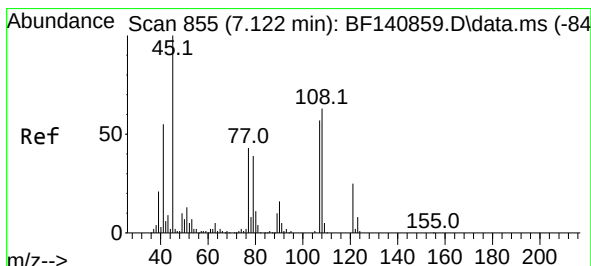
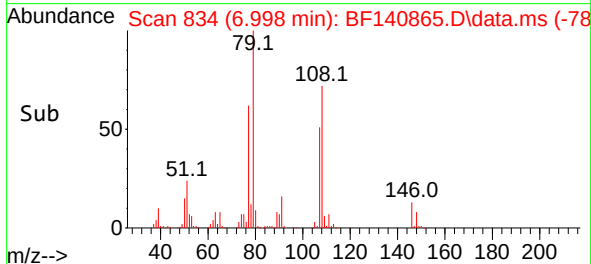
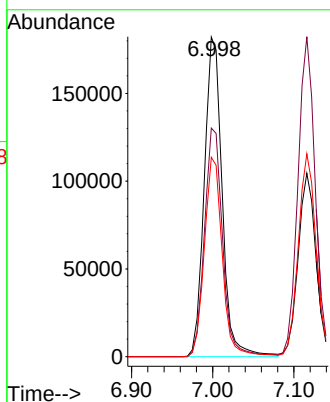
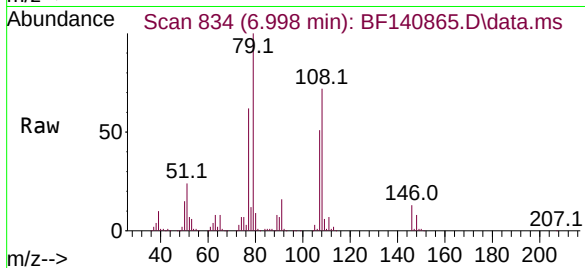




#15
Benzyl Alcohol
Concen: 53.438 ng
RT: 6.998 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

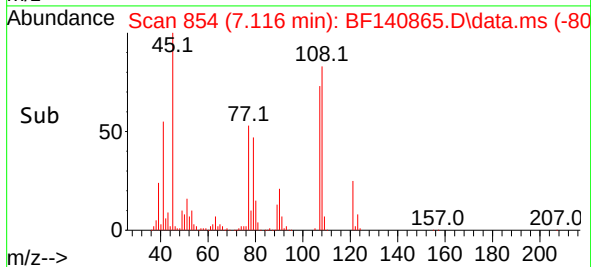
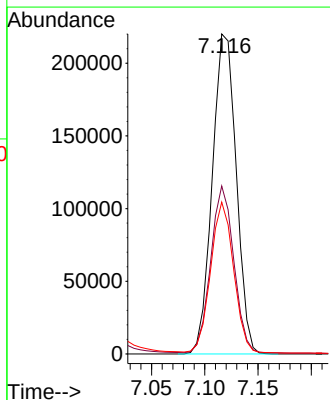
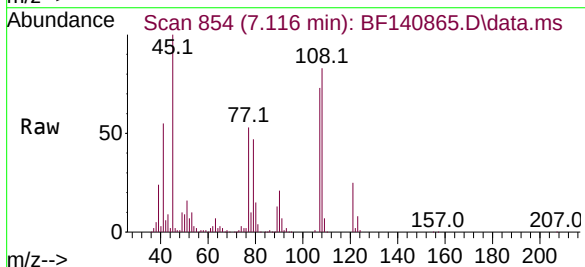
Instrument :
BNA_F
ClientSampleId :
PB165543BS

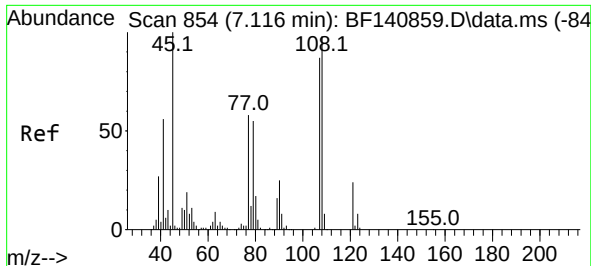
Tgt Ion: 79 Resp: 278256
Ion Ratio Lower Upper
79 100
108 71.6 55.1 82.7
77 62.4 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.871 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

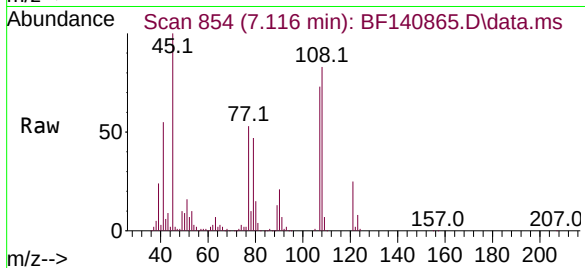
Tgt Ion: 45 Resp: 343960
Ion Ratio Lower Upper
45 100
77 52.5 23.3 63.3
79 47.4 20.0 60.0



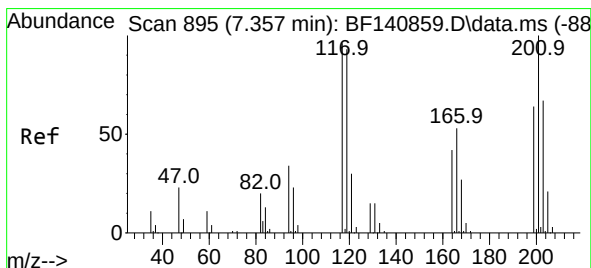
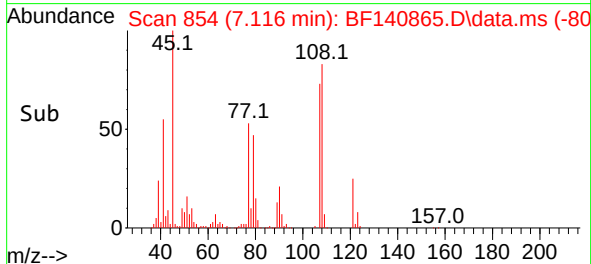
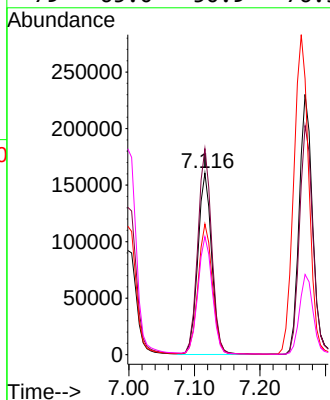


#17
2-Methylphenol
Concen: 49.643 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Instrument :
BNA_F
ClientSampleId :
PB165543BS

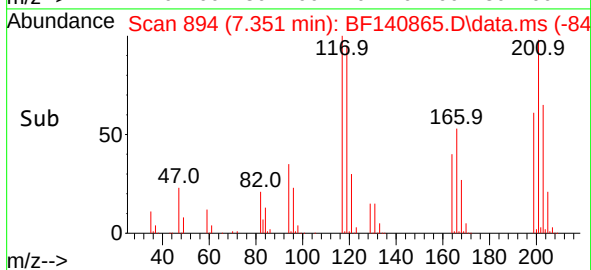
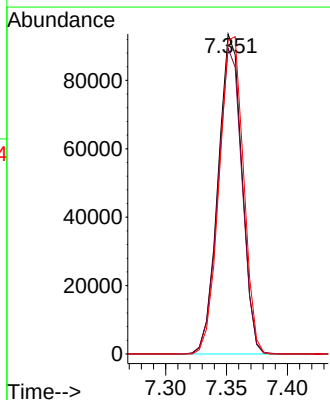
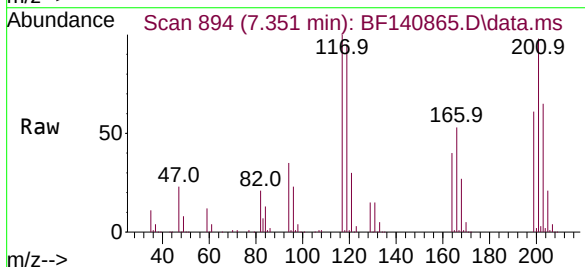


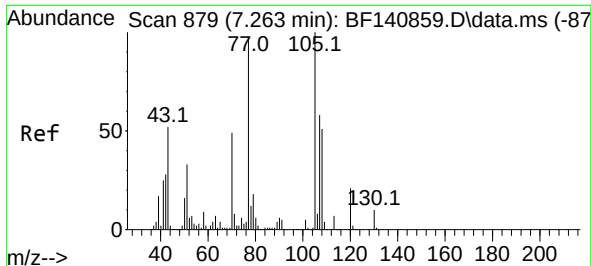
Tgt Ion:	107	Resp:	237645
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.2	135.4
77	71.9	53.8	80.6
79	65.0	50.9	76.3



#18
Hexachloroethane
Concen: 49.318 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:	117	Resp:	127330
Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.4	116.0
201	98.0	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 50.274 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

Tgt Ion: 70 Resp: 219618

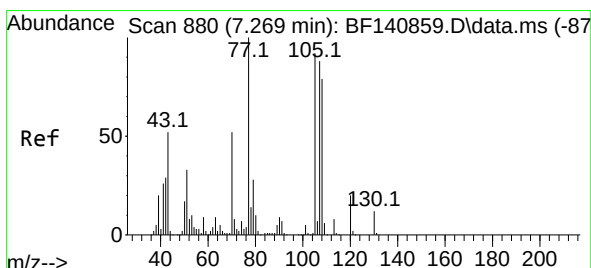
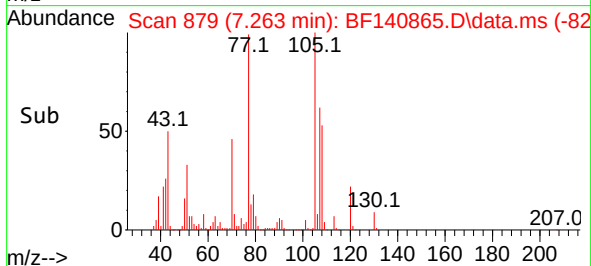
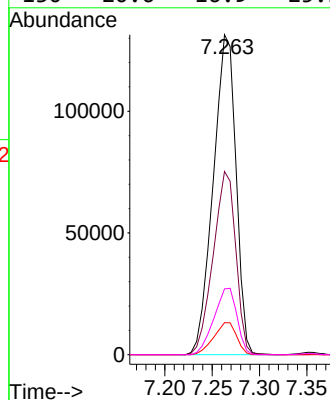
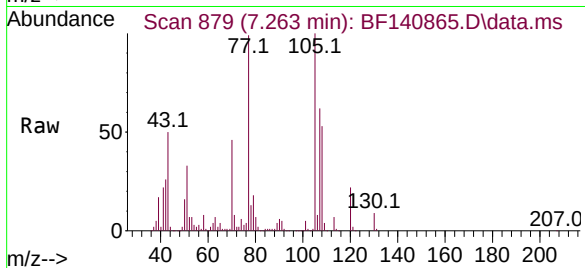
Ion Ratio Lower Upper

70 100

42 57.3 45.3 67.9

101 10.0 8.0 12.0

130 20.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 51.109 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Tgt Ion: 107 Resp: 324430

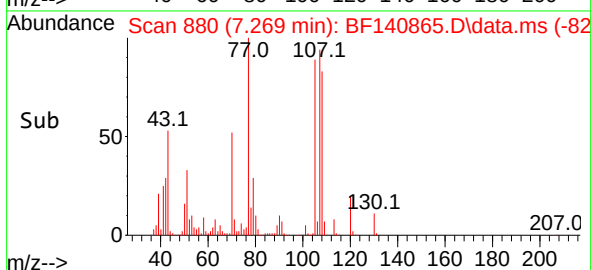
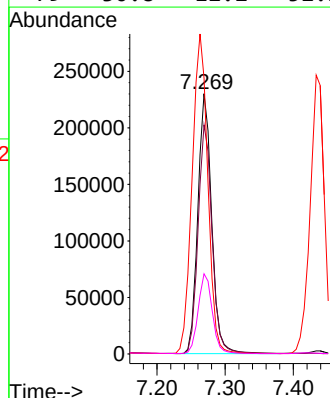
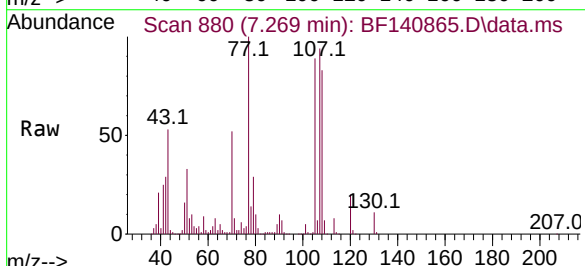
Ion Ratio Lower Upper

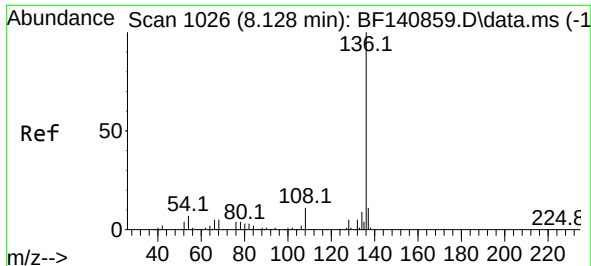
107 100

108 88.0 70.1 110.1

77 105.9 94.4 134.4

79 30.8 12.2 52.2

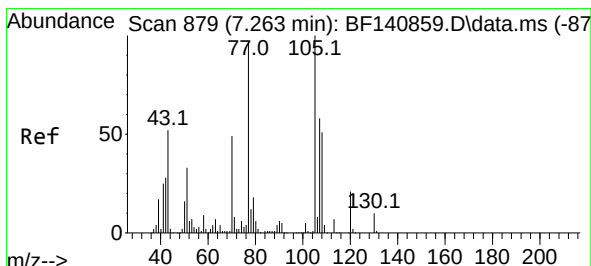
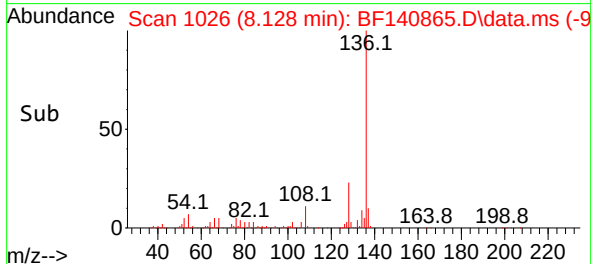
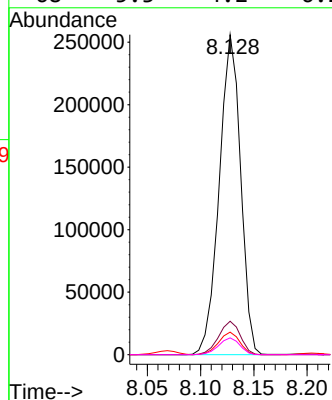
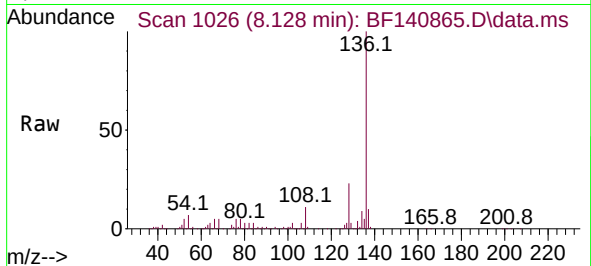




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

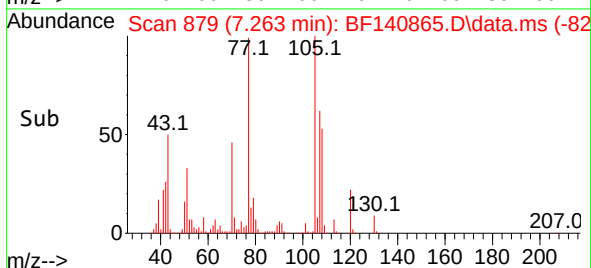
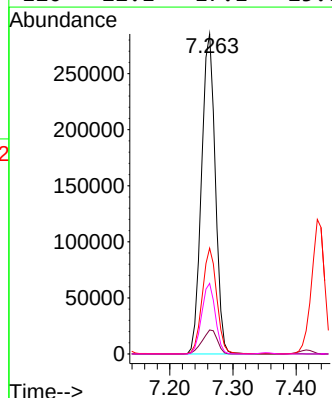
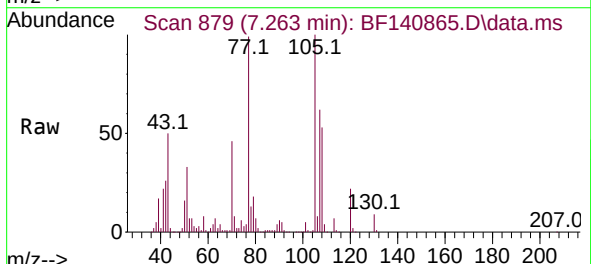
Instrument :
BNA_F
ClientSampleId :
PB165543BS

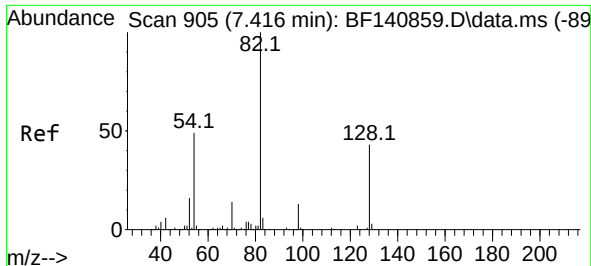
Tgt Ion:	136	Resp:	356175
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.0	5.6	8.4
68	5.3	4.2	6.2



#22
Acetophenone
Concen: 48.461 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:	105	Resp:	431778
Ion	Ratio	Lower	Upper
105	100		
71	7.5	6.2	9.4
51	33.1	26.3	39.5
120	22.1	17.1	25.7





#23

Nitrobenzene-d5

Concen: 95.411 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

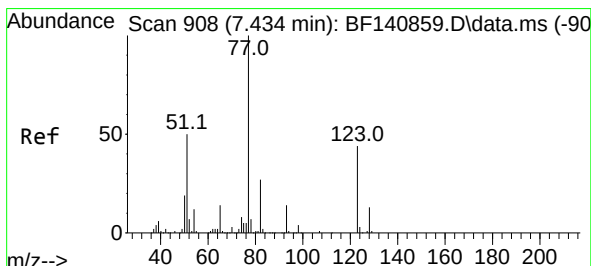
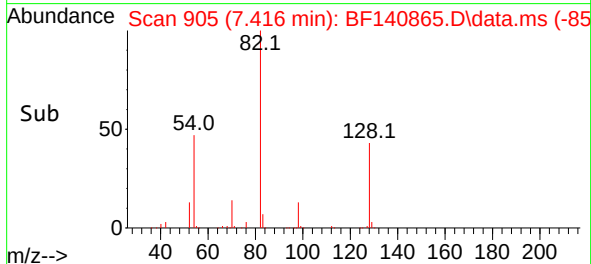
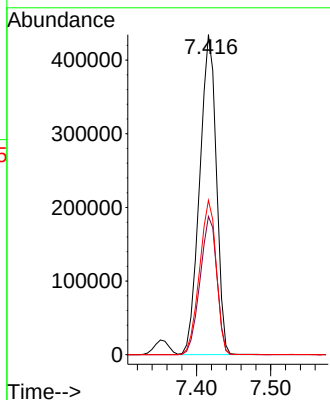
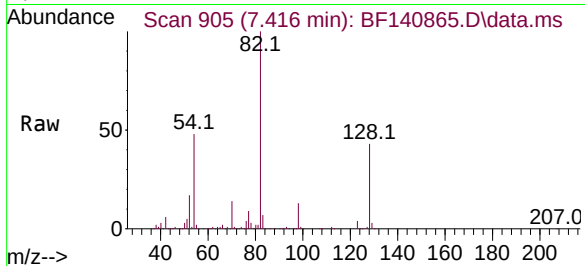
Tgt Ion: 82 Resp: 679235

Ion Ratio Lower Upper

82 100

128 43.2 34.4 51.6

54 48.2 38.8 58.2



#24

Nitrobenzene

Concen: 48.430 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

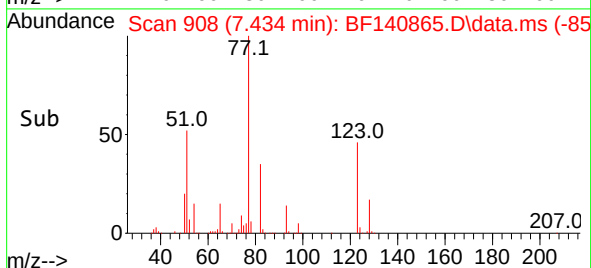
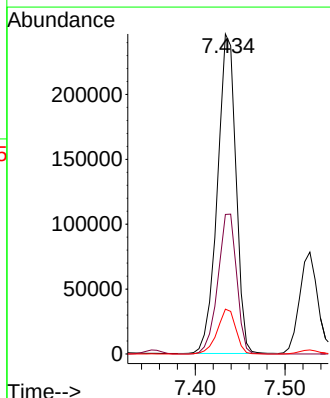
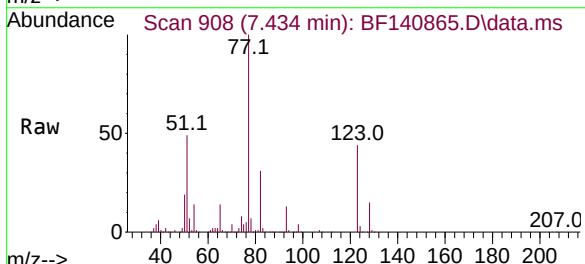
Tgt Ion: 77 Resp: 353213

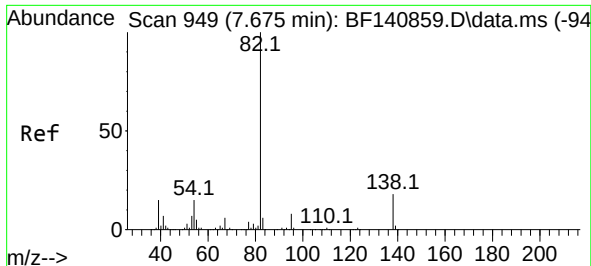
Ion Ratio Lower Upper

77 100

123 43.6 35.0 52.4

65 14.0 11.4 17.0

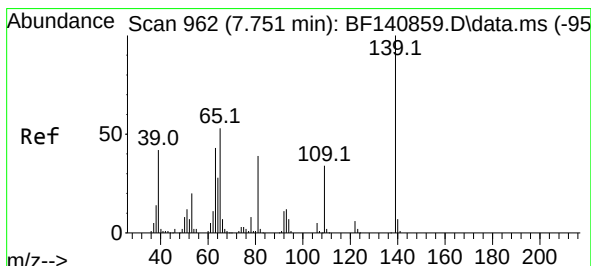
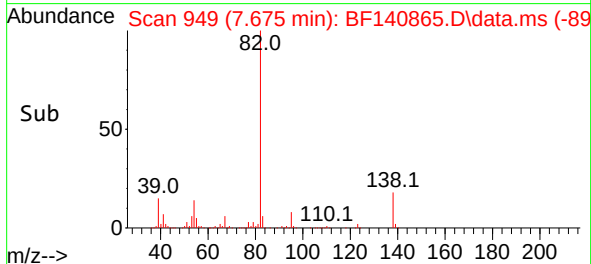
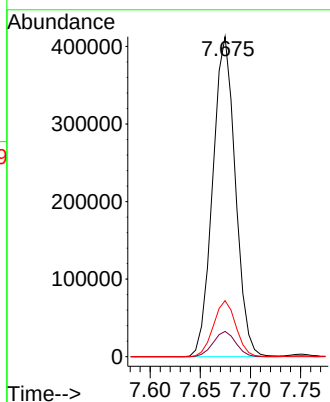
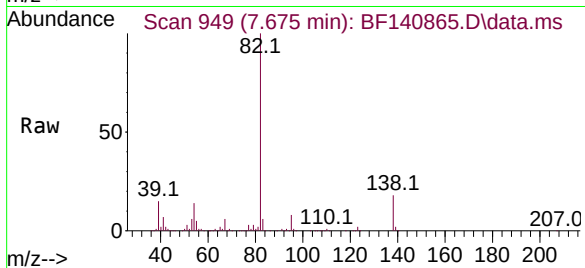




#25
Isophorone
Concen: 54.228 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

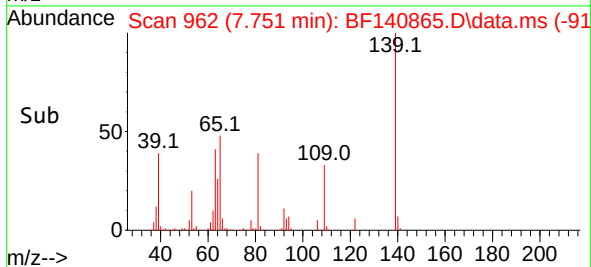
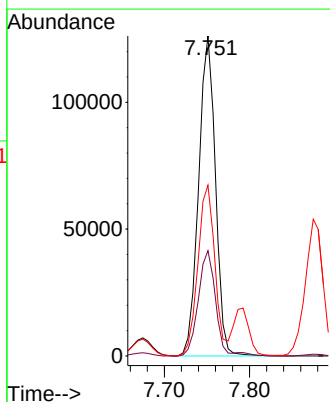
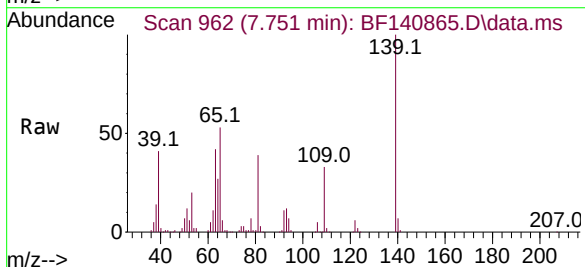
Instrument :
BNA_F
ClientSampleId :
PB165543BS

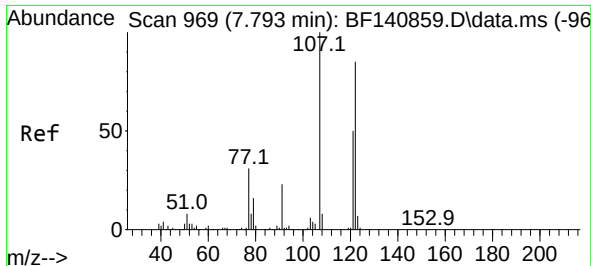
Tgt Ion: 82 Resp: 646846
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.5 14.1 21.1



#26
2-Nitrophenol
Concen: 51.439 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion: 139 Resp: 172786
Ion Ratio Lower Upper
139 100
109 32.9 26.9 40.3
65 53.4 42.6 64.0

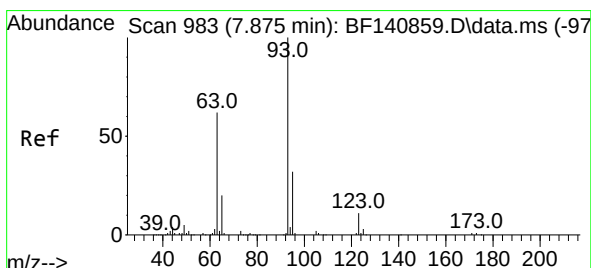
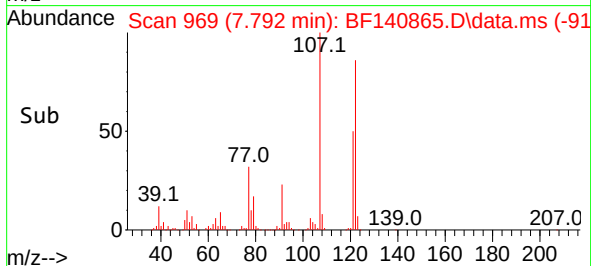
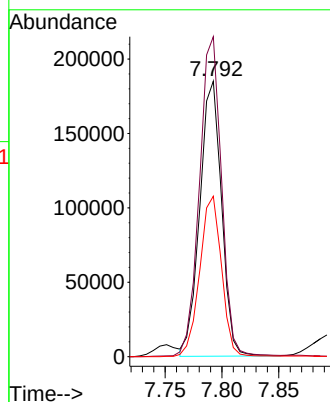
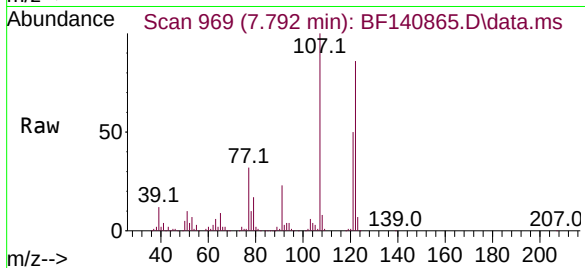




#27
2,4-Dimethylphenol
Concen: 62.826 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

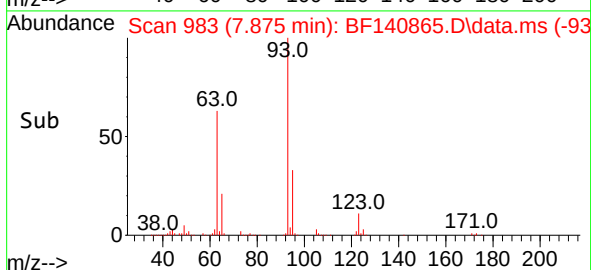
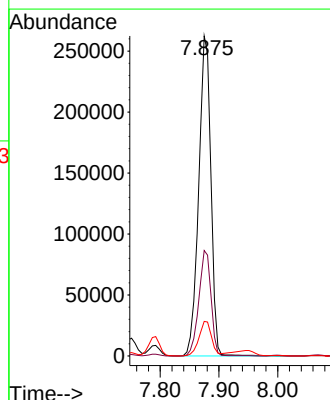
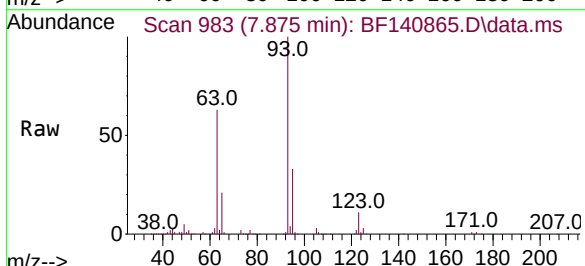
Instrument :
BNA_F
ClientSampleId :
PB165543BS

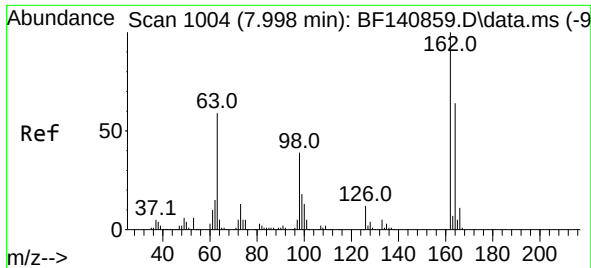
Tgt Ion:122 Resp: 246455
Ion Ratio Lower Upper
122 100
107 116.1 92.6 139.0
121 58.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.634 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion: 93 Resp: 377230
Ion Ratio Lower Upper
93 100
95 33.0 25.3 37.9
123 10.8 8.6 13.0

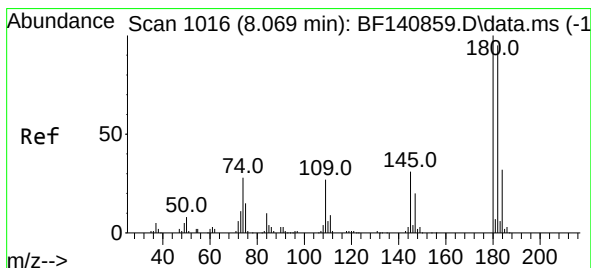
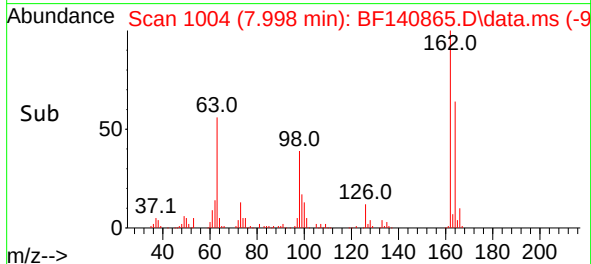
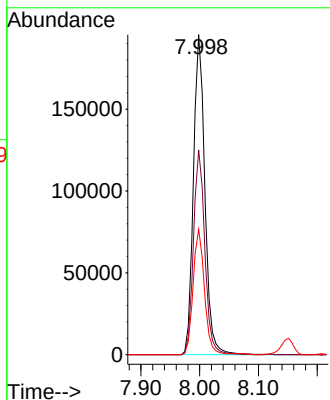
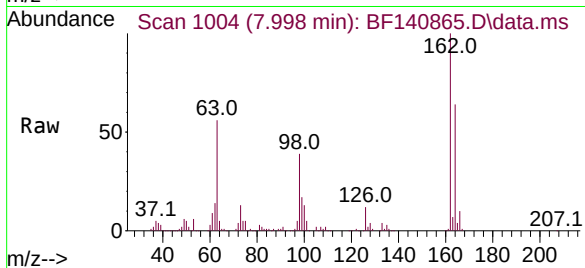




#29
2,4-Dichlorophenol
Concen: 48.839 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

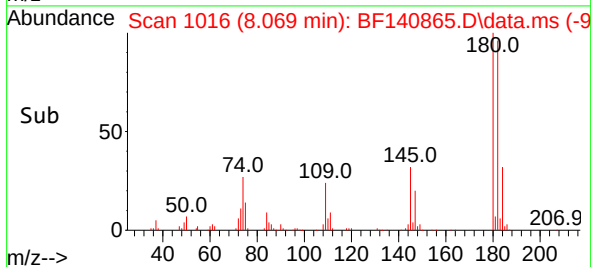
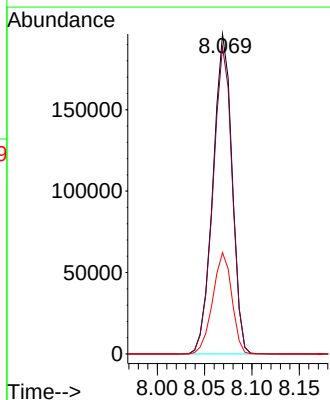
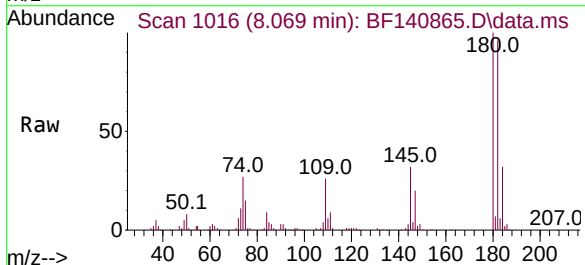
Instrument :
BNA_F
ClientSampleId :
PB165543BS

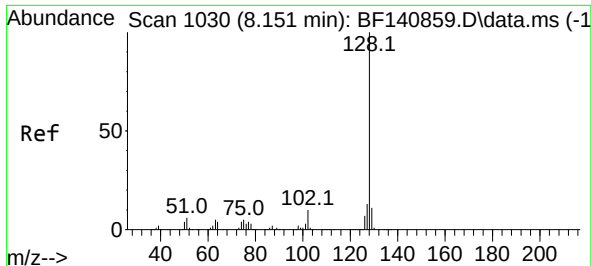
Tgt Ion:162 Resp: 264503
Ion Ratio Lower Upper
162 100
164 64.0 43.7 83.7
98 39.2 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 44.523 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:180 Resp: 276424
Ion Ratio Lower Upper
180 100
182 96.0 75.8 113.6
145 31.6 25.2 37.8

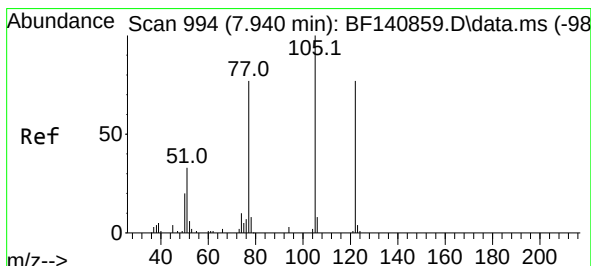
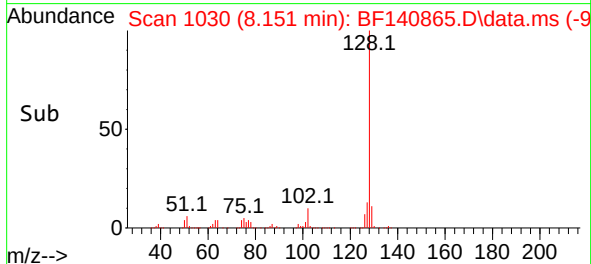
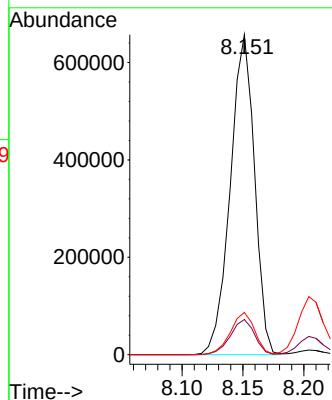
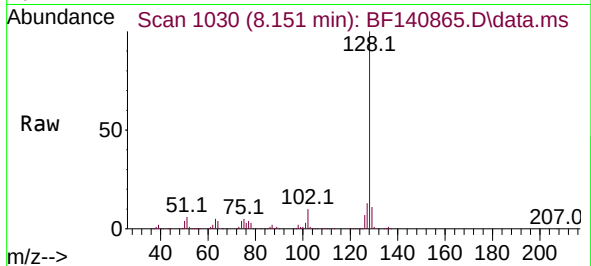




#31
Naphthalene
Concen: 46.556 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

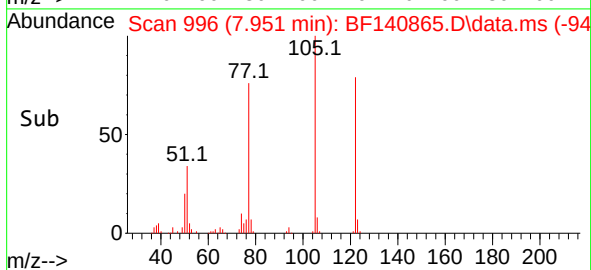
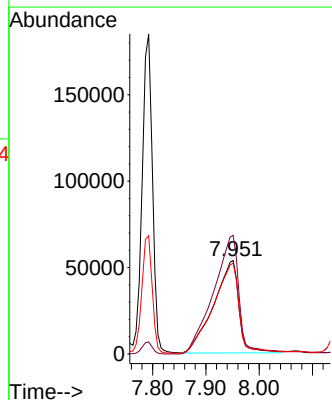
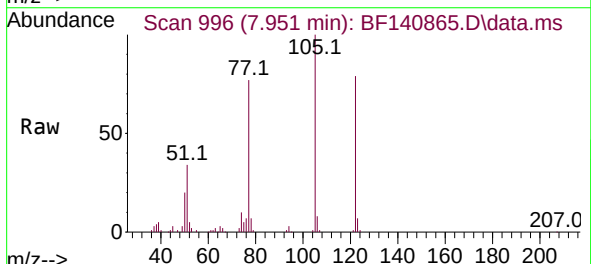
Instrument :
BNA_F
ClientSampleId :
PB165543BS

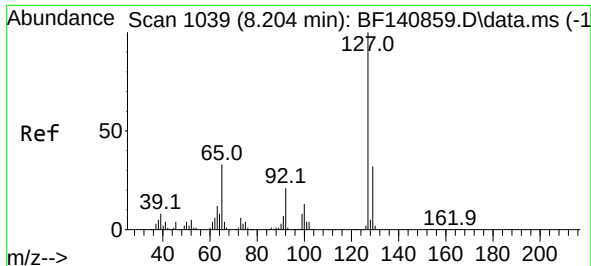
Tgt Ion:128 Resp: 910875
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 47.288 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:122 Resp: 175932
Ion Ratio Lower Upper
122 100
105 126.9 108.3 148.3
77 97.3 78.8 118.8

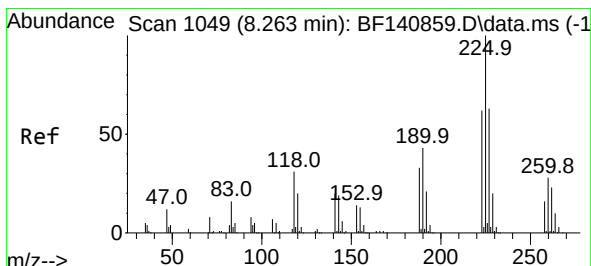
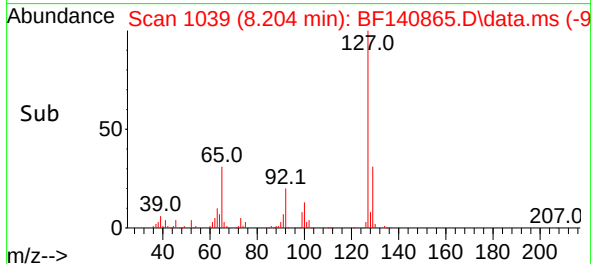
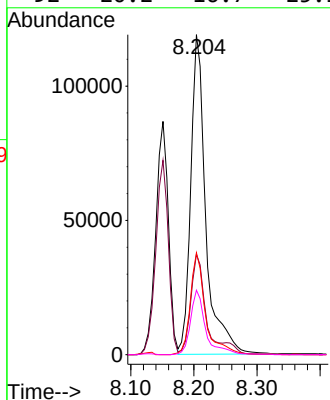
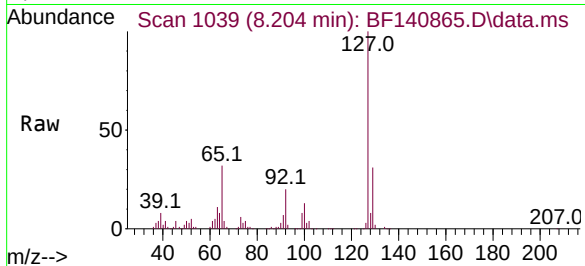




#33
4-Chloroaniline
Concen: 30.469 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

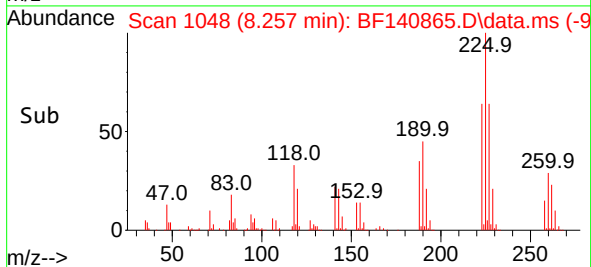
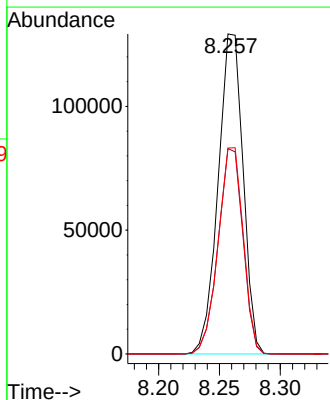
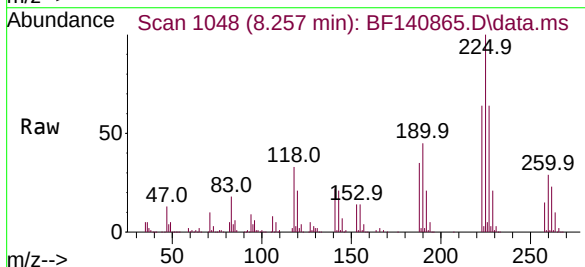
Instrument :
BNA_F
ClientSampleId :
PB165543BS

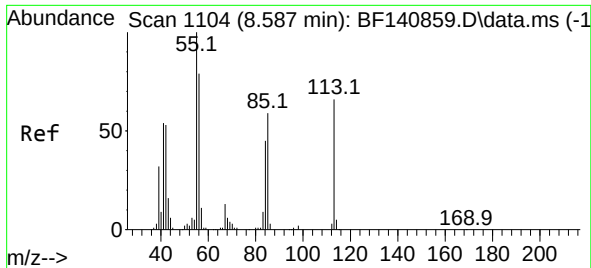
Tgt Ion:	127	Resp:	197989
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.0	39.0
65	31.9	26.0	39.0
92	20.2	16.7	25.1



#34
Hexachlorobutadiene
Concen: 44.194 ng
RT: 8.257 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:	225	Resp:	184602
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.6	74.4
227	64.3	50.7	76.1

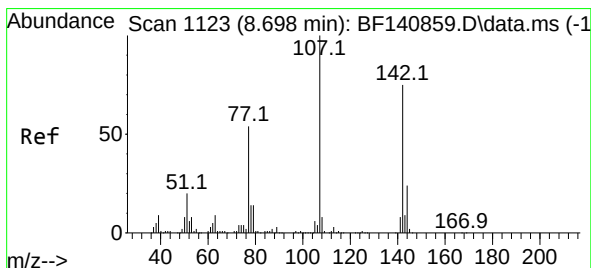
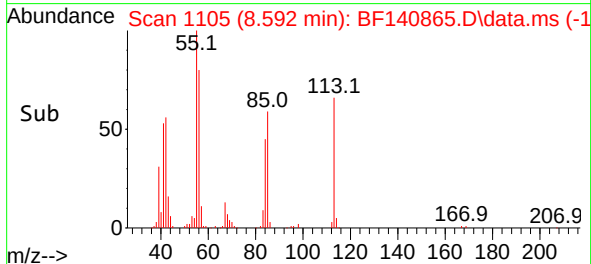
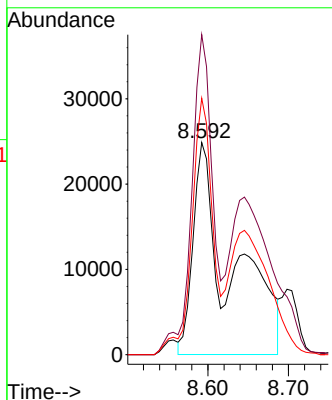
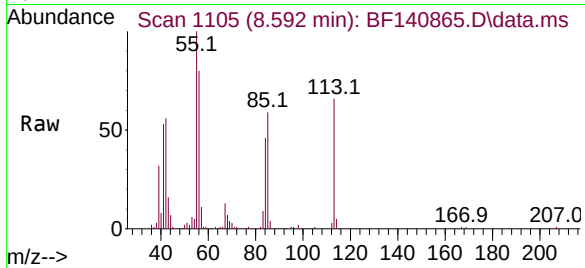




#35
 Caprolactam
 Concen: 49.704 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

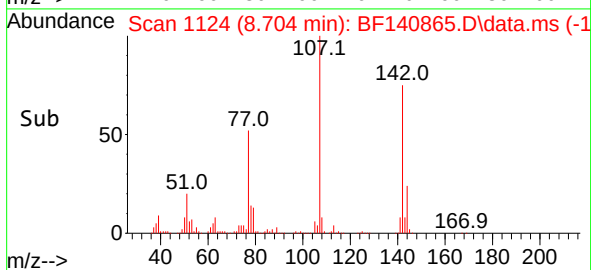
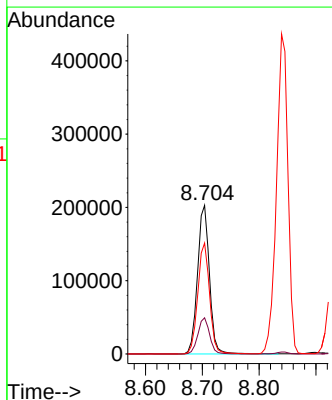
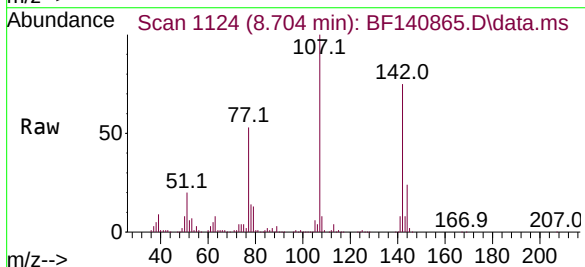
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

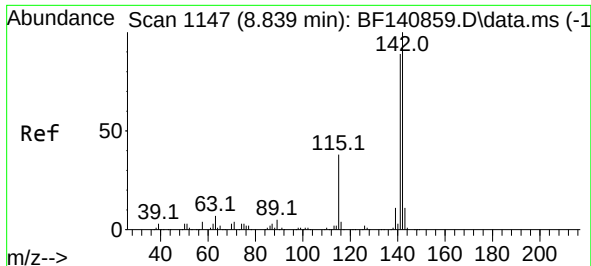
Tgt Ion:113 Resp: 80140
 Ion Ratio Lower Upper
 113 100
 55 150.9 132.3 172.3
 56 120.9 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 48.600 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

Tgt Ion:107 Resp: 296247
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.4 29.2
 142 74.6 60.3 90.5

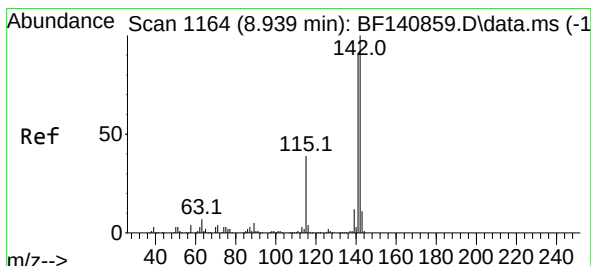
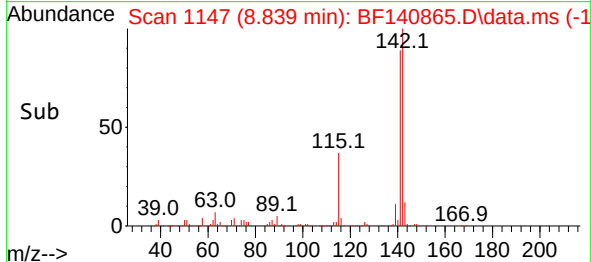
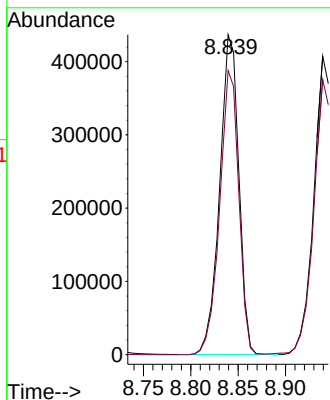
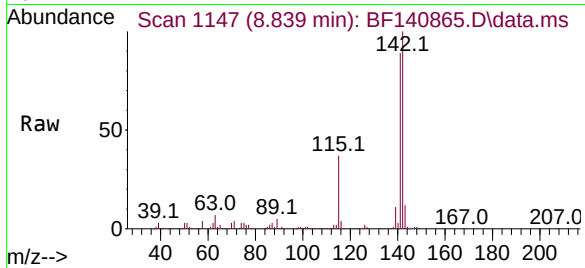




#37
2-Methylnaphthalene
Concen: 47.363 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

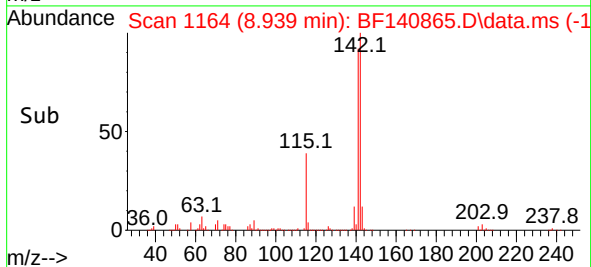
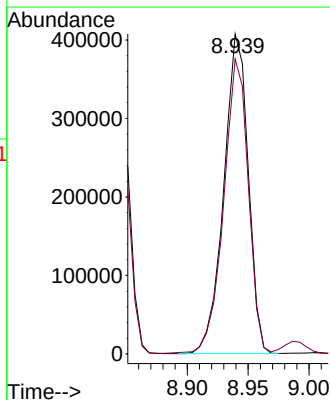
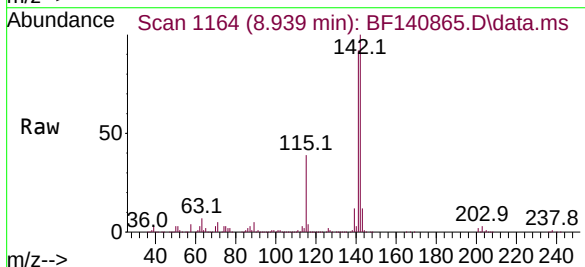
Instrument :
BNA_F
ClientSampleId :
PB165543BS

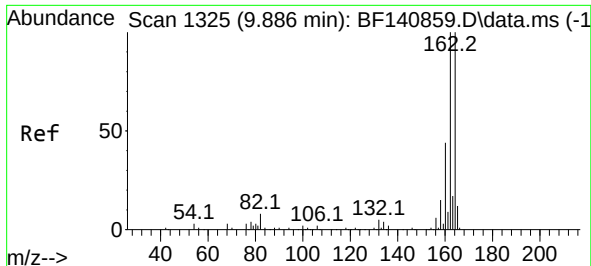
Tgt Ion:142 Resp: 612982
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6



#38
1-Methylnaphthalene
Concen: 44.533 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

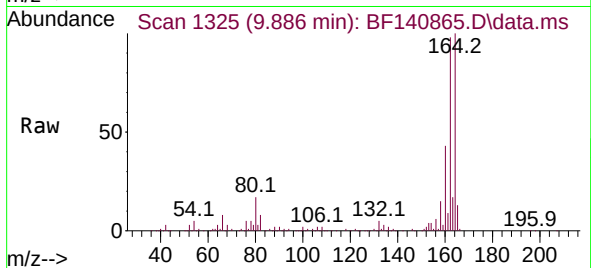
Tgt Ion:142 Resp: 570015
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.0



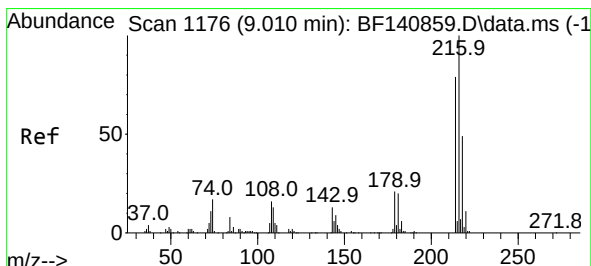
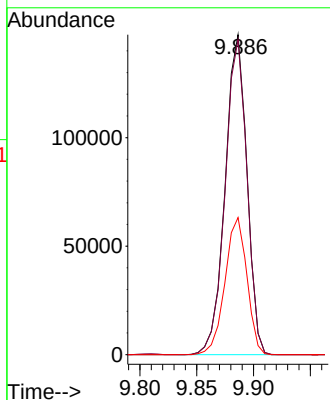
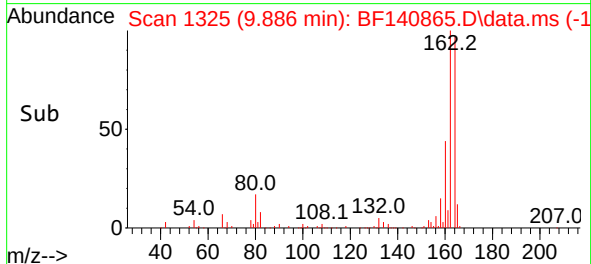


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

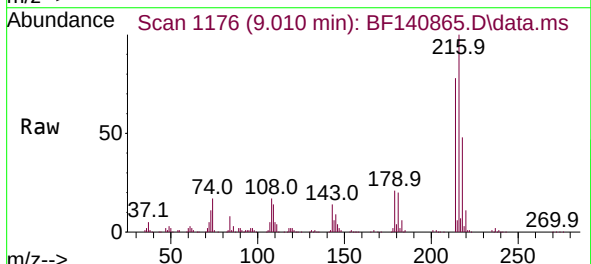
Instrument :
BNA_F
ClientSampleId :
PB165543BS



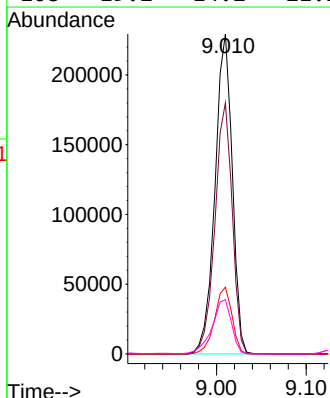
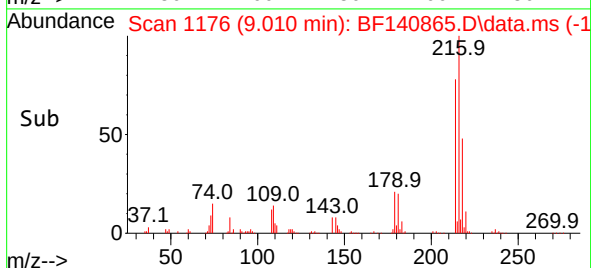
Tgt Ion:164 Resp: 197058
Ion Ratio Lower Upper
164 100
162 98.4 79.9 119.9
160 42.9 35.2 52.8

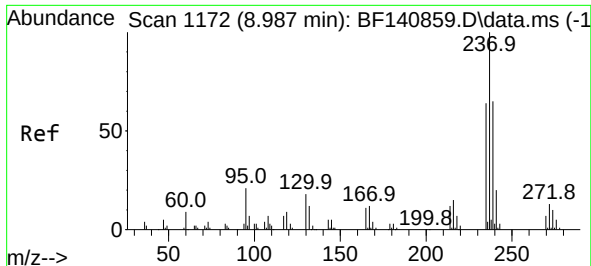


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.620 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34



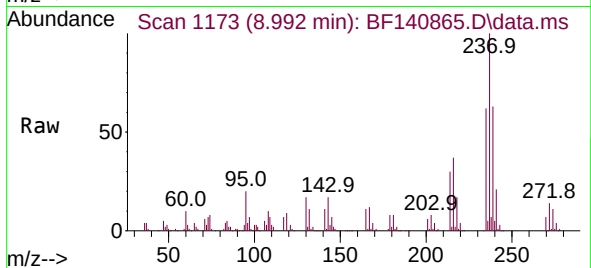
Tgt Ion:216 Resp: 306599
Ion Ratio Lower Upper
216 100
214 78.5 63.6 95.4
179 21.1 17.0 25.4
108 19.2 14.2 21.2



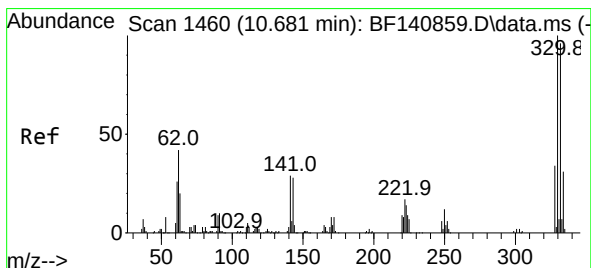
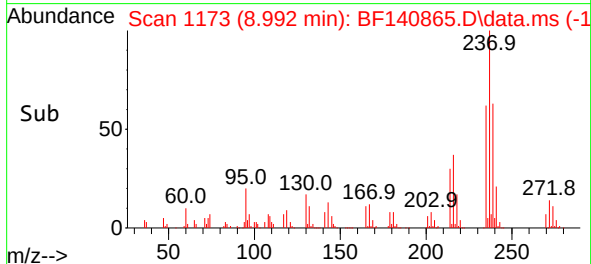
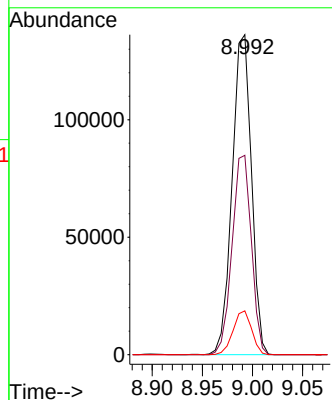


#41
Hexachlorocyclopentadiene
Concen: 82.011 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Instrument :
BNA_F
ClientSampleId :
PB165543BS

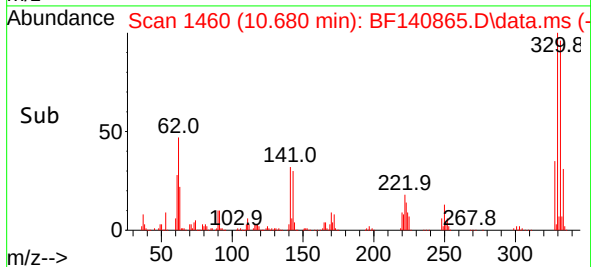
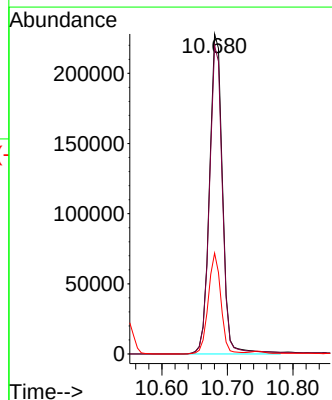
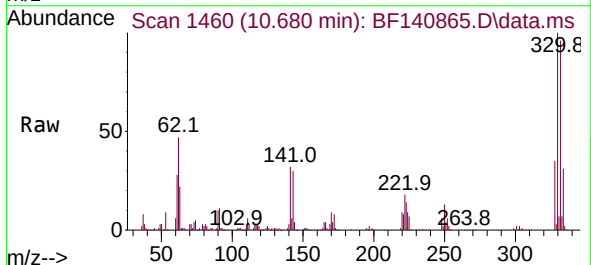


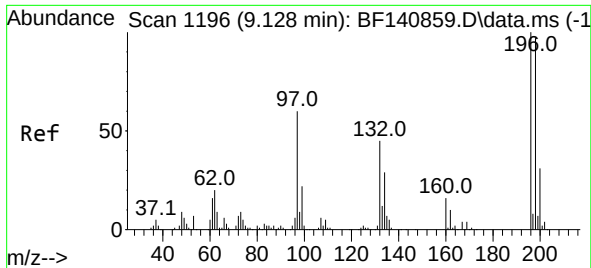
Tgt Ion:237 Resp: 181932
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 13.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 135.675 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:330 Resp: 316209
Ion Ratio Lower Upper
330 100
332 97.6 76.2 114.4
141 30.6 24.9 37.3

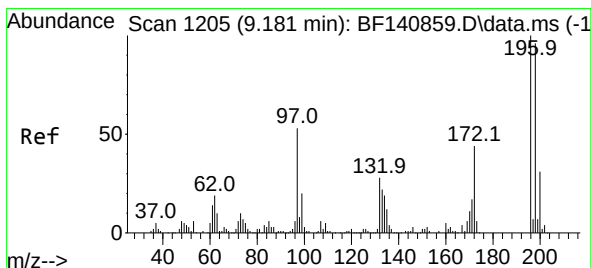
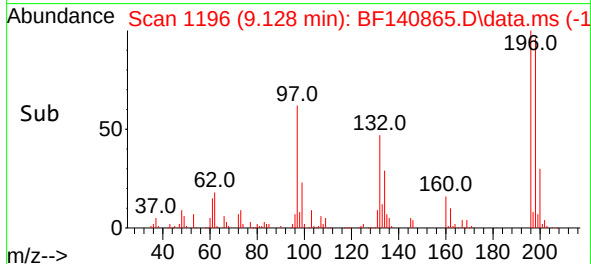
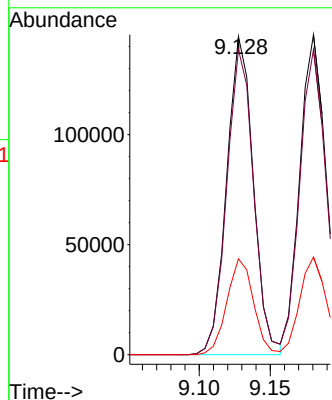
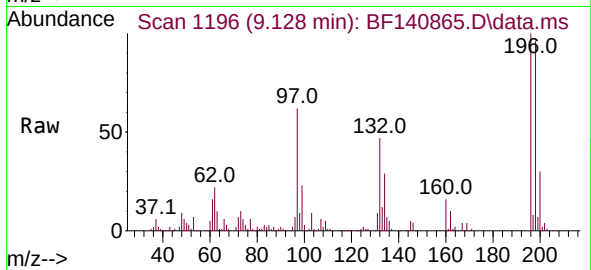




#43
2,4,6-Trichlorophenol
Concen: 51.021 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

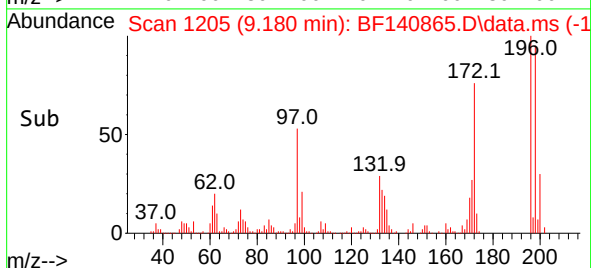
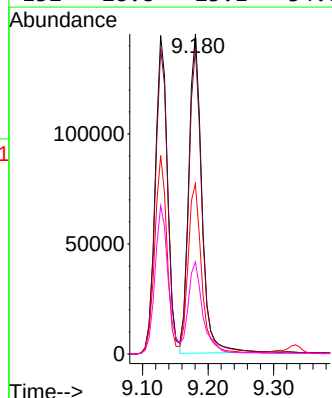
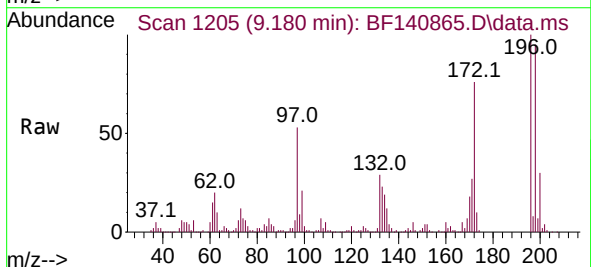
Instrument :
BNA_F
ClientSampleId :
PB165543BS

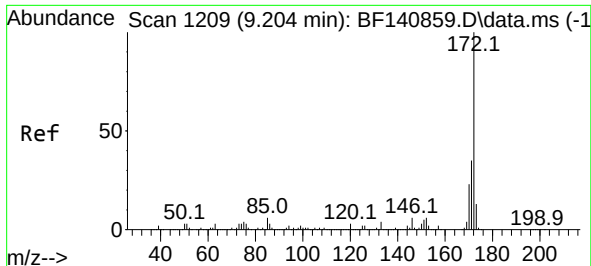
Tgt Ion:196 Resp: 189223
Ion Ratio Lower Upper
196 100
198 95.8 77.4 116.0
200 30.1 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 48.910 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:196 Resp: 199375
Ion Ratio Lower Upper
196 100
198 95.3 77.2 115.8
97 53.2 42.2 63.4
132 28.8 23.1 34.7

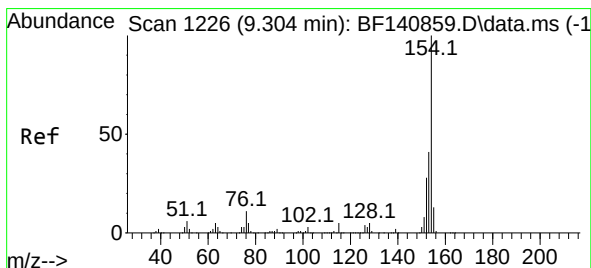
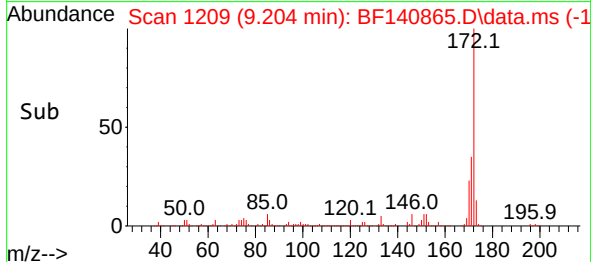
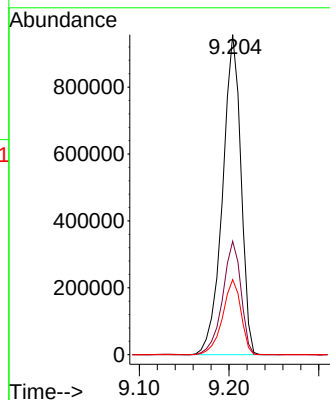
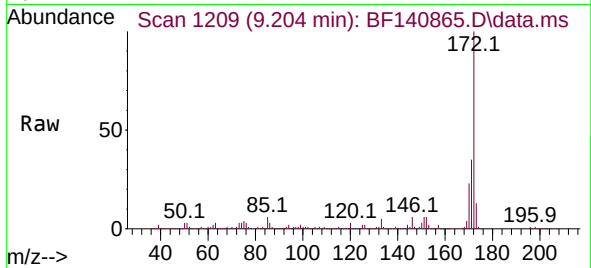




#45
2-Fluorobiphenyl
Concen: 94.785 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

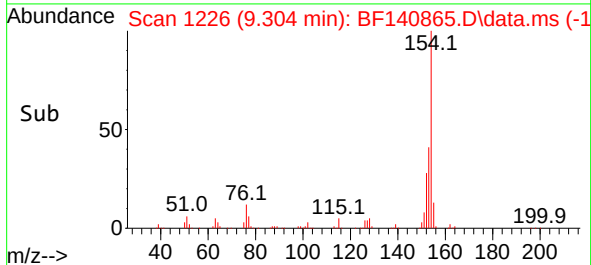
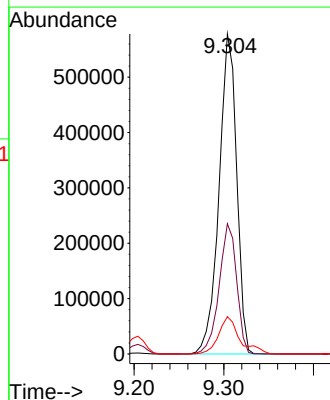
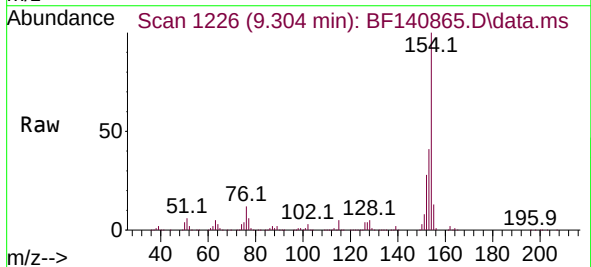
Instrument :
BNA_F
ClientSampleId :
PB165543BS

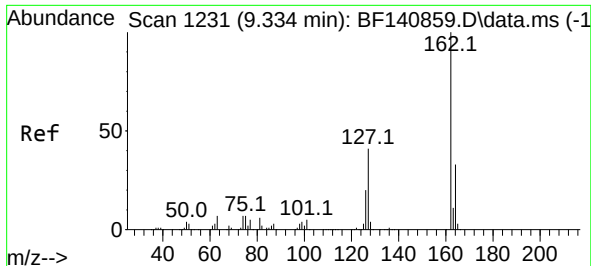
Tgt Ion:172 Resp: 1358562
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 50.320 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:154 Resp: 788502
Ion Ratio Lower Upper
154 100
153 40.7 20.8 60.8
76 11.7 0.0 31.0

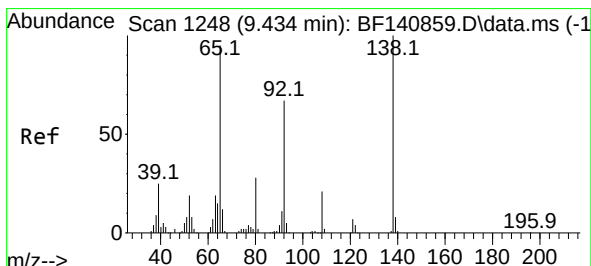
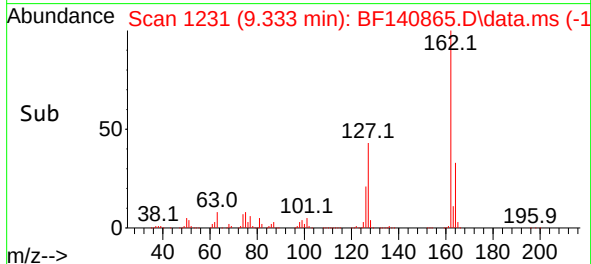
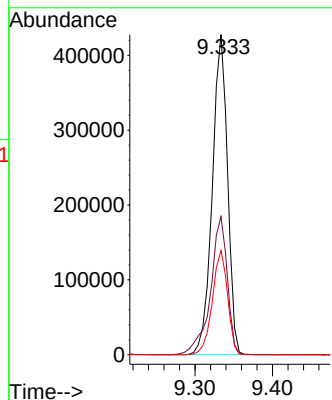
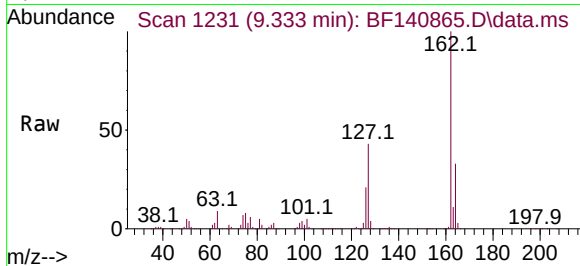




#47
2-Chloronaphthalene
Concen: 48.644 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

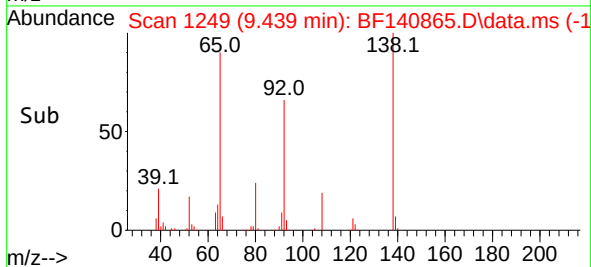
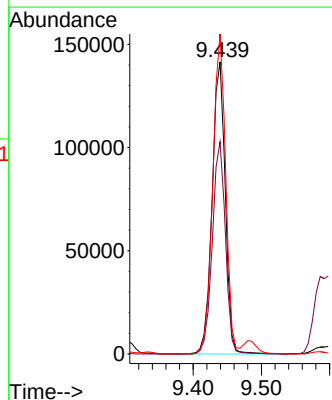
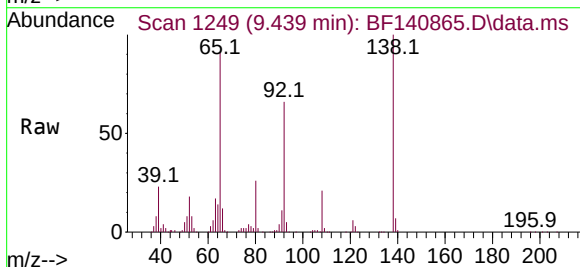
Instrument :
BNA_F
ClientSampleId :
PB165543BS

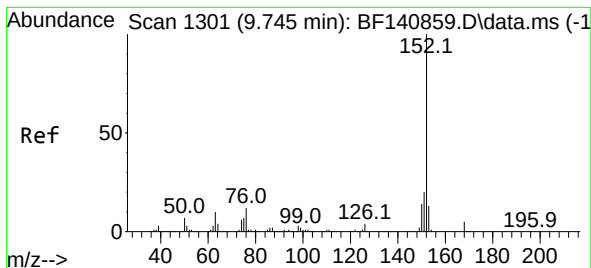
Tgt Ion:162 Resp: 583121
Ion Ratio Lower Upper
162 100
127 43.1 33.5 50.3
164 32.6 26.2 39.2



#48
2-Nitroaniline
Concen: 52.477 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion: 65 Resp: 189989
Ion Ratio Lower Upper
65 100
92 72.7 56.3 84.5
138 109.5 83.8 125.6





#49

Acenaphthylene

Concen: 57.087 ng

RT: 9.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

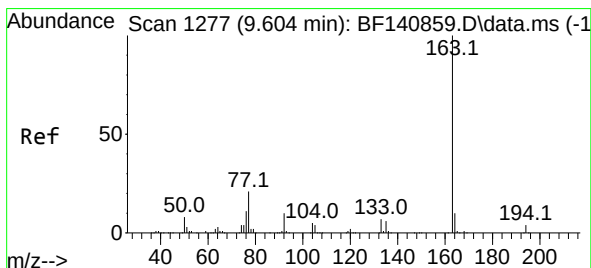
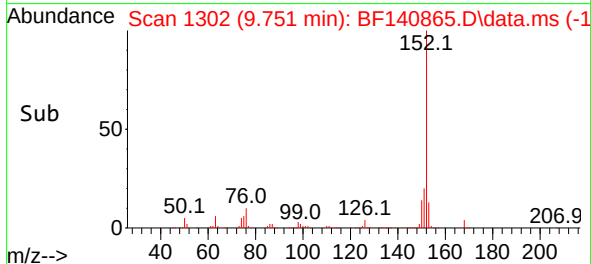
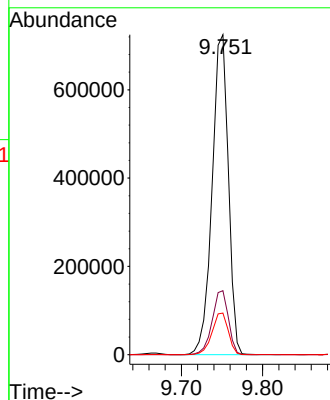
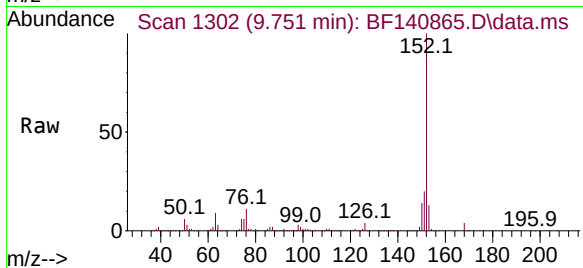
Tgt Ion:152 Resp: 1005685

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.0 10.6 16.0



#50

Dimethylphthalate

Concen: 53.102 ng

RT: 9.610 min Scan# 1278

Delta R.T. 0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

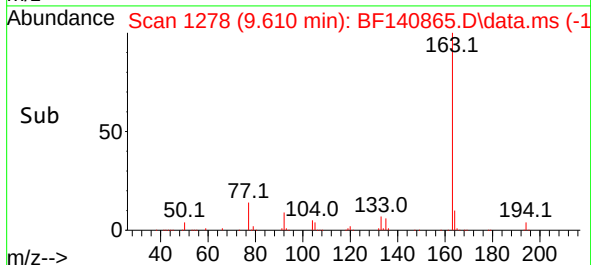
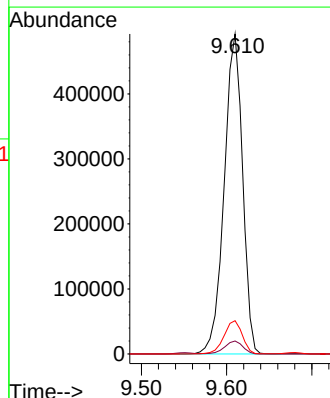
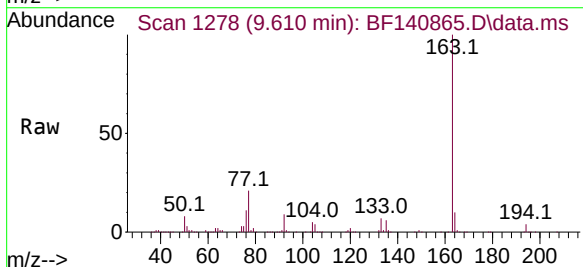
Tgt Ion:163 Resp: 737747

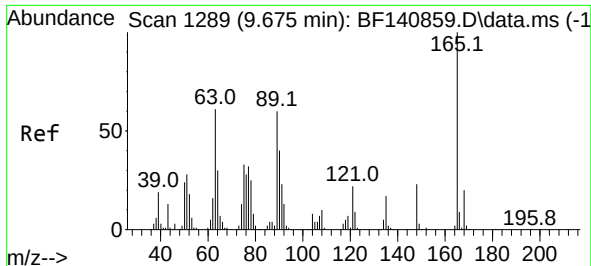
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.4 8.1 12.1

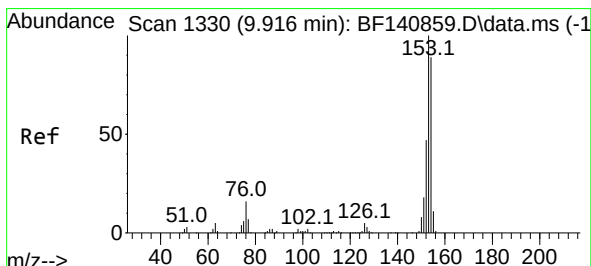
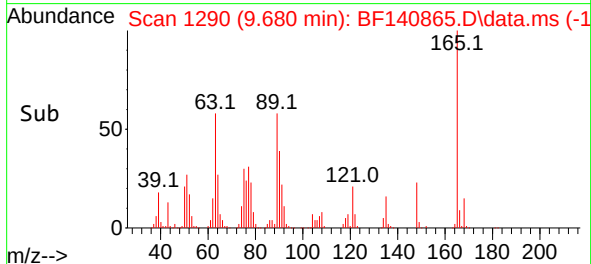
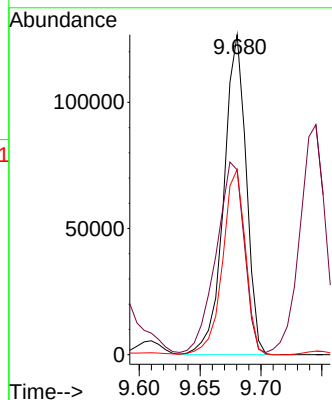
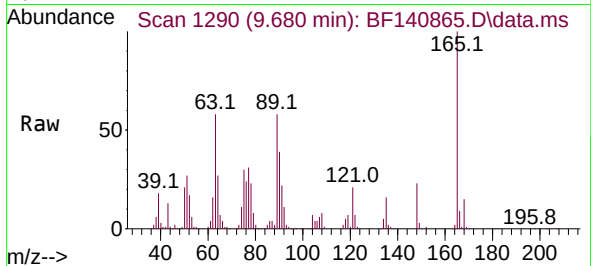




#51
2,6-Dinitrotoluene
Concen: 50.988 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

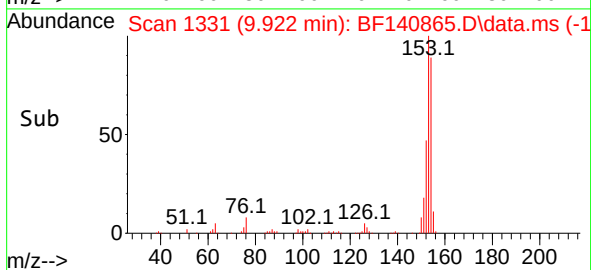
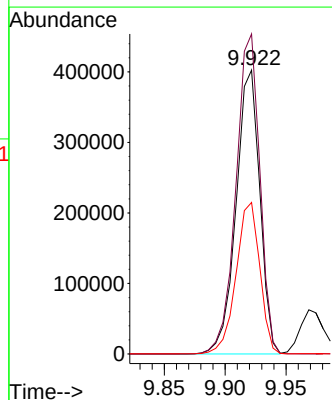
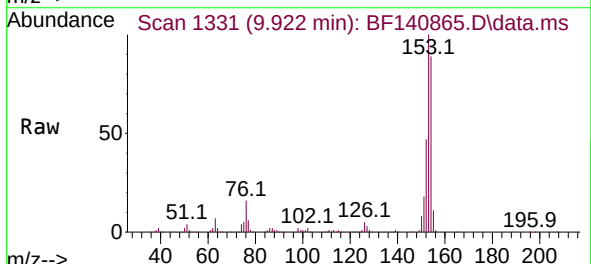
Instrument :
BNA_F
ClientSampleId :
PB165543BS

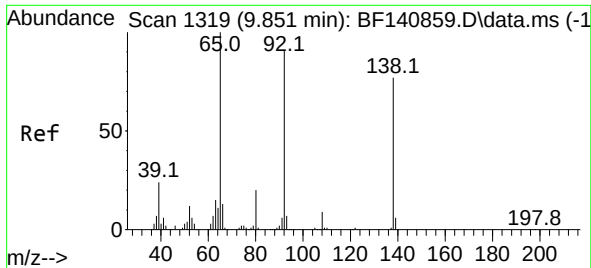
Tgt Ion:165 Resp: 161941
Ion Ratio Lower Upper
165 100
63 57.8 49.7 74.5
89 57.9 48.2 72.4



#52
Acenaphthene
Concen: 48.587 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:154 Resp: 546753
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 53.4 42.6 63.8

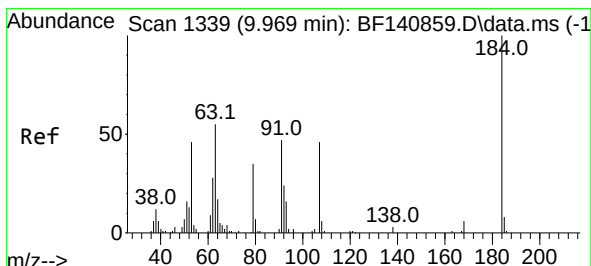
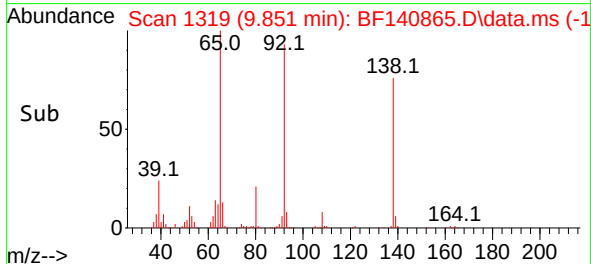
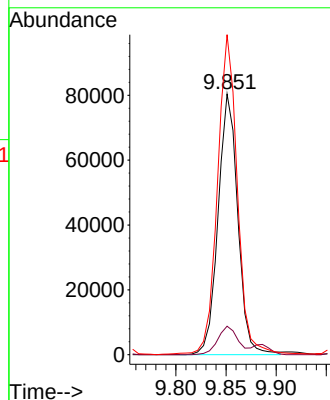
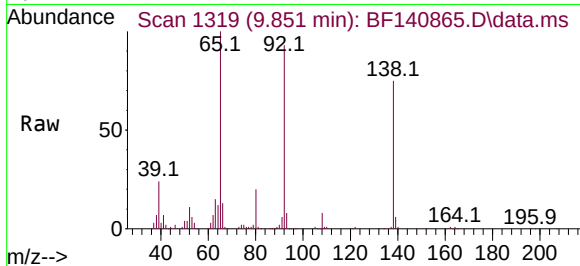




#53
3-Nitroaniline
Concen: 34.801 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

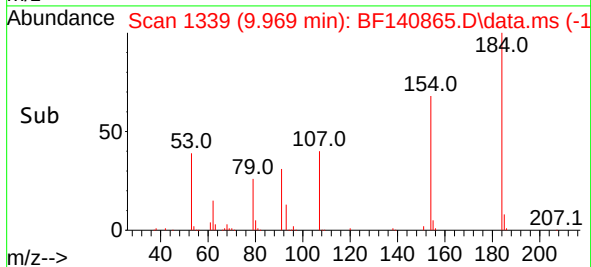
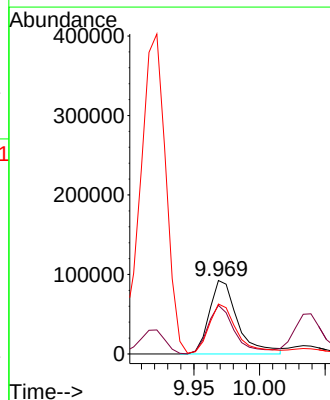
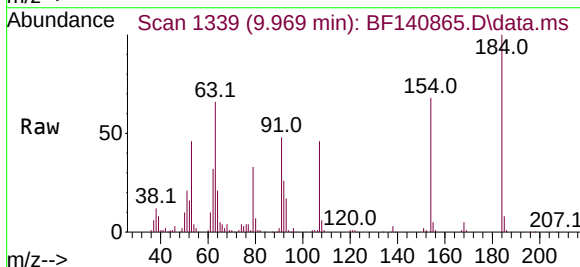
Instrument :
BNA_F
ClientSampleId :
PB165543BS

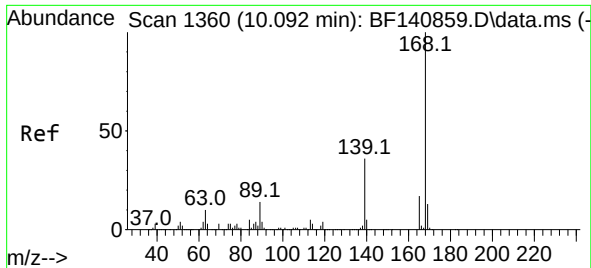
Tgt Ion:138 Resp: 109691
Ion Ratio Lower Upper
138 100
108 10.9 9.0 13.4
92 122.8 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 88.863 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:184 Resp: 138933
Ion Ratio Lower Upper
184 100
63 66.3 51.6 77.4
154 67.9 56.1 84.1

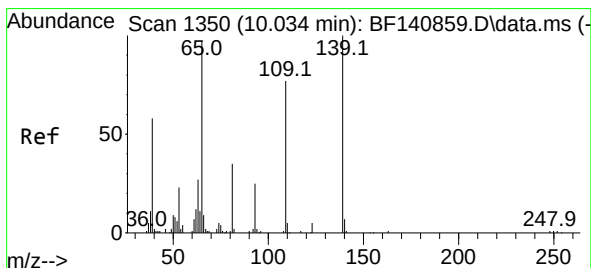
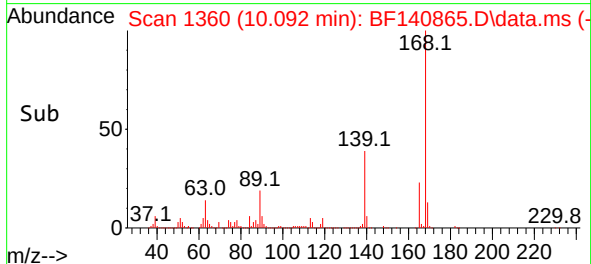
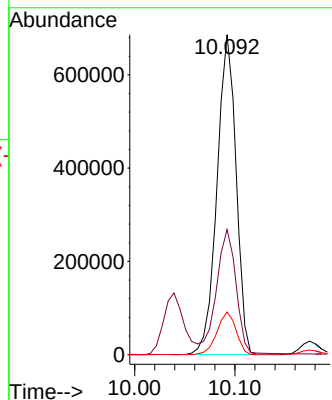
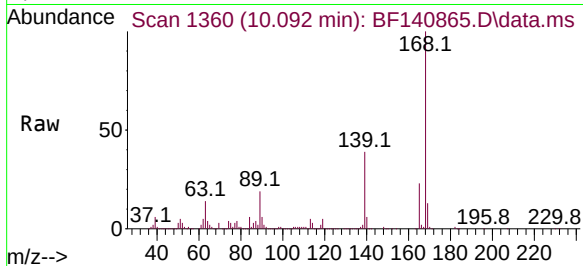




#55
Dibenzenofuran
Concen: 51.812 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

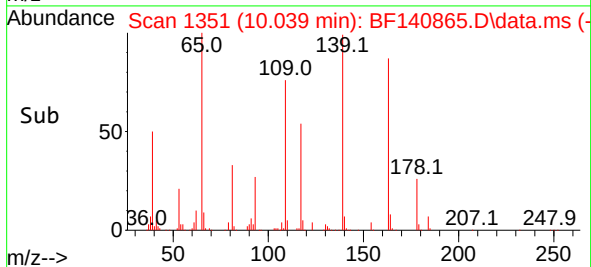
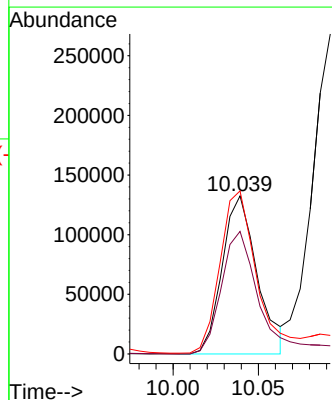
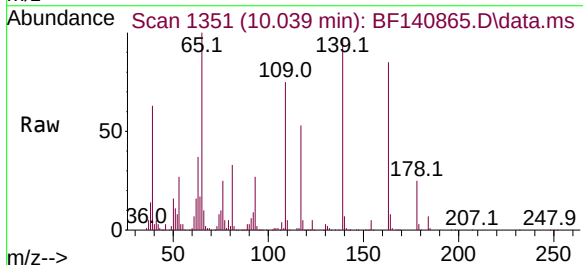
Instrument :
BNA_F
ClientSampleId :
PB165543BS

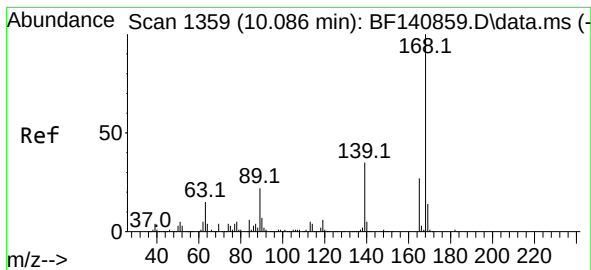
Tgt Ion:168 Resp: 903468
Ion Ratio Lower Upper
168 100
139 39.1 31.1 46.7
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 109.727 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:139 Resp: 188996
Ion Ratio Lower Upper
139 100
109 77.5 56.7 96.7
65 103.2 78.1 118.1

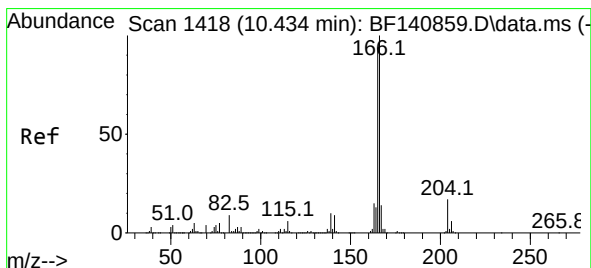
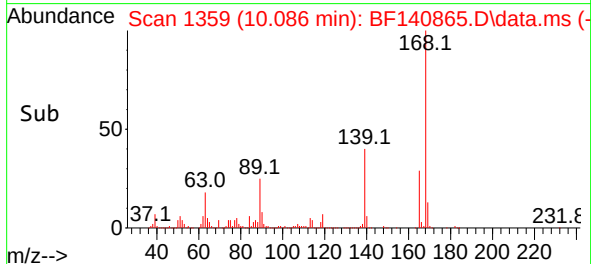
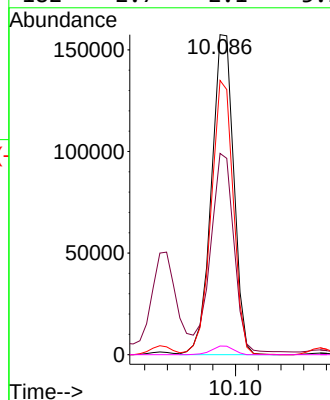
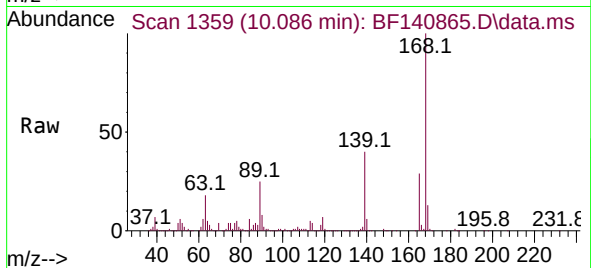




#57
2,4-Dinitrotoluene
Concen: 51.394 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

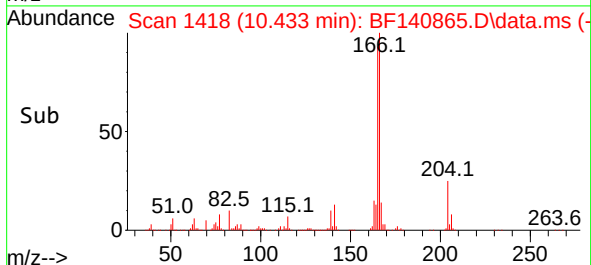
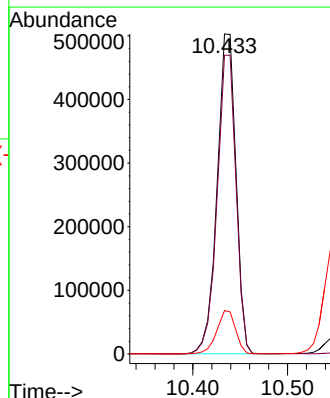
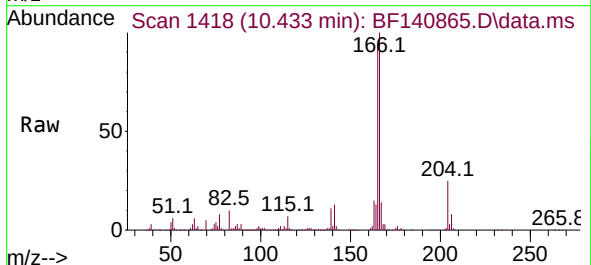
Instrument :
BNA_F
ClientSampleId :
PB165543BS

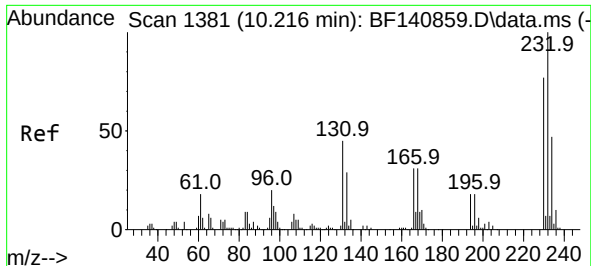
Tgt Ion:165 Resp: 214768
Ion Ratio Lower Upper
165 100
63 62.9 49.3 73.9
89 85.7 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 48.365 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

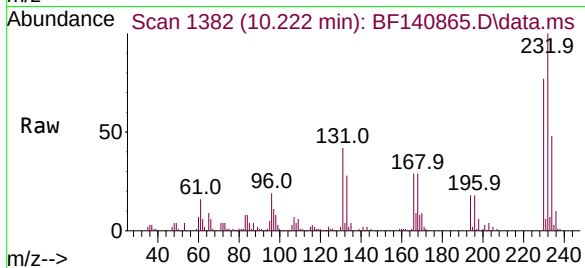
Tgt Ion:166 Resp: 695761
Ion Ratio Lower Upper
166 100
165 93.4 75.1 112.7
167 13.6 11.1 16.7



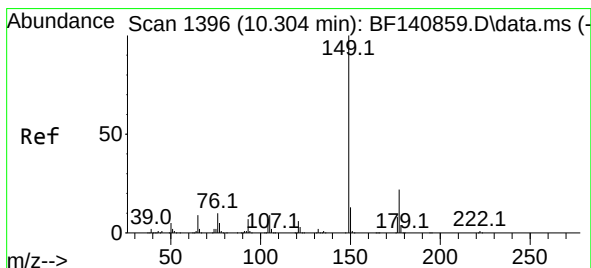
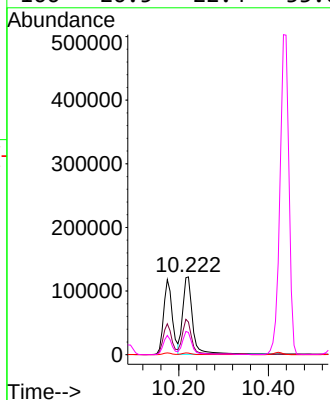
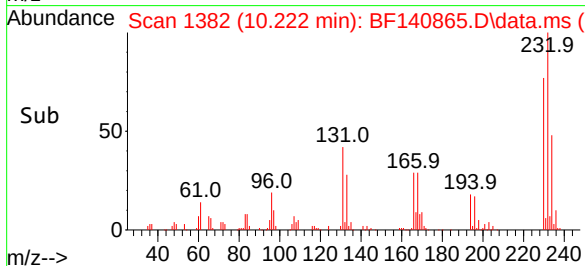


#59
2,3,4,6-Tetrachlorophenol
Concen: 56.248 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

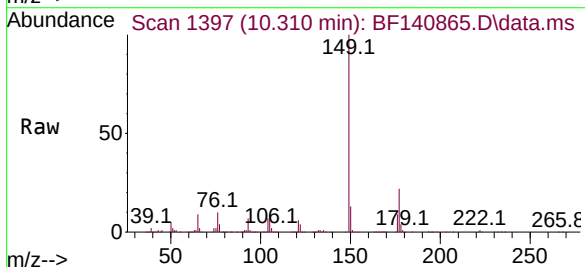
Instrument :
BNA_F
ClientSampleId :
PB165543BS



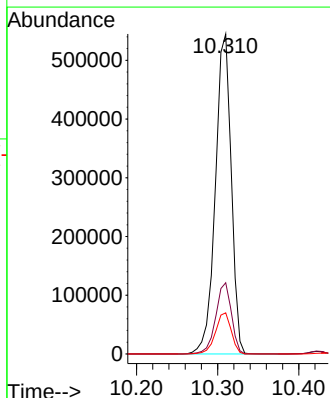
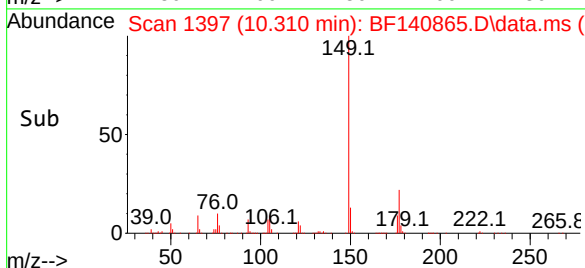
Tgt Ion:232 Resp: 186837
Ion Ratio Lower Upper
232 100
131 40.2 35.1 52.7
130 2.0 1.8 2.8
166 26.5 22.4 33.6

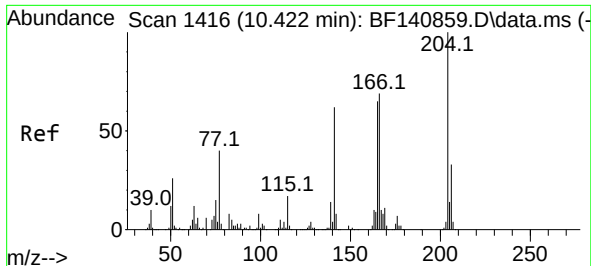


#60
Diethylphthalate
Concen: 51.378 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34



Tgt Ion:149 Resp: 740176
Ion Ratio Lower Upper
149 100
177 22.2 17.2 25.8
150 12.8 10.1 15.1

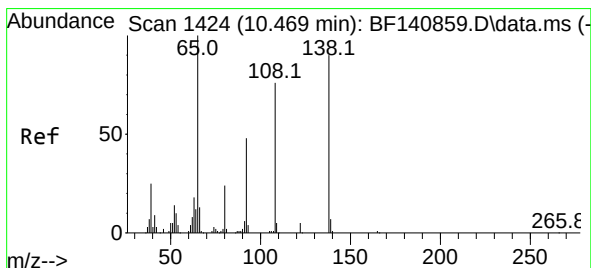
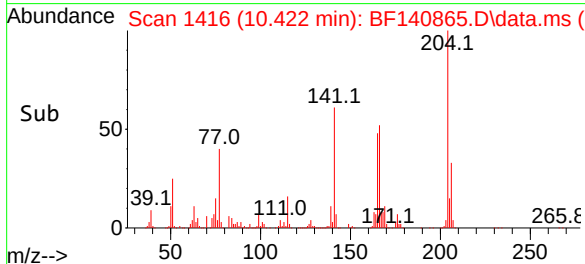
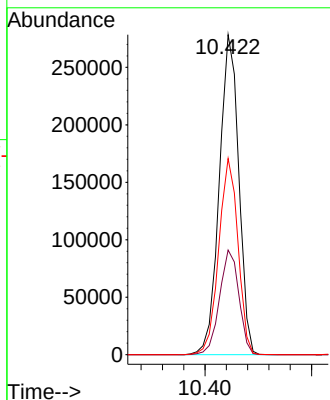
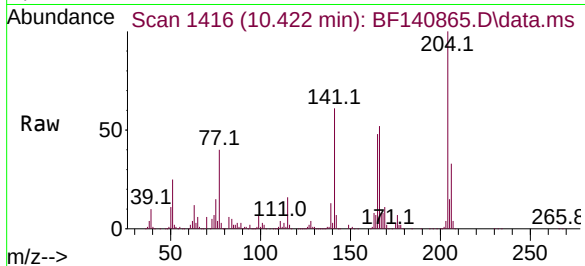




#61
4-Chlorophenyl-phenylether
Concen: 48.774 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

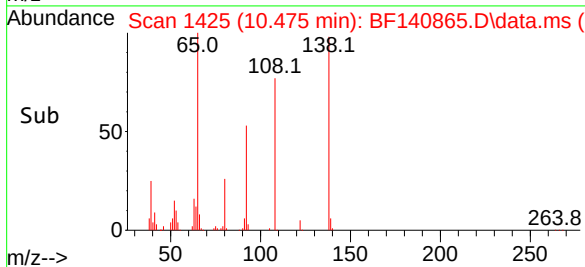
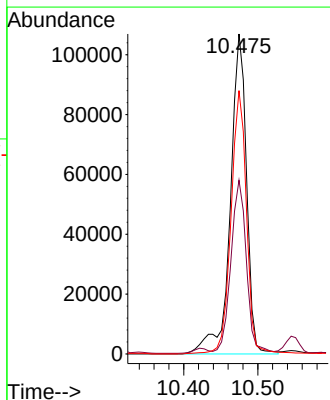
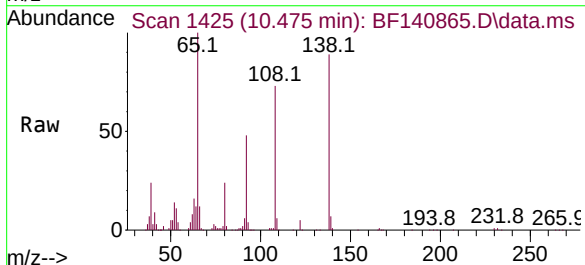
Instrument :
BNA_F
ClientSampleId :
PB165543BS

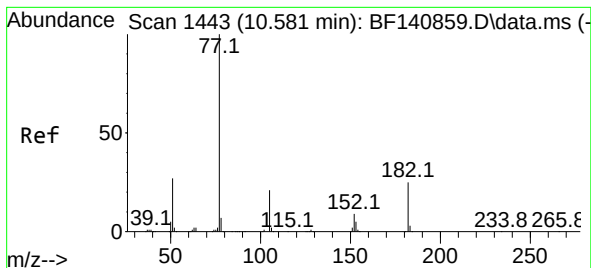
Tgt Ion:204 Resp: 352450
Ion Ratio Lower Upper
204 100
206 32.7 26.5 39.7
141 61.3 50.0 75.0



#62
4-Nitroaniline
Concen: 49.466 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:138 Resp: 162926
Ion Ratio Lower Upper
138 100
92 54.3 32.6 72.6
108 82.3 64.1 104.1





#63

Azobenzene

Concen: 51.784 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

Tgt Ion: 77 Resp: 701359

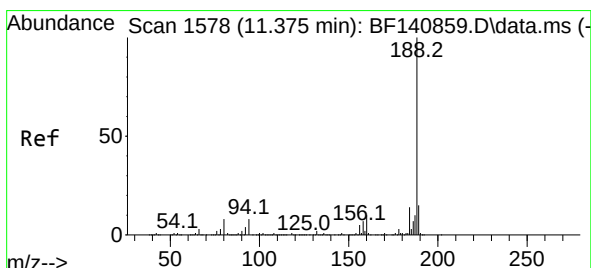
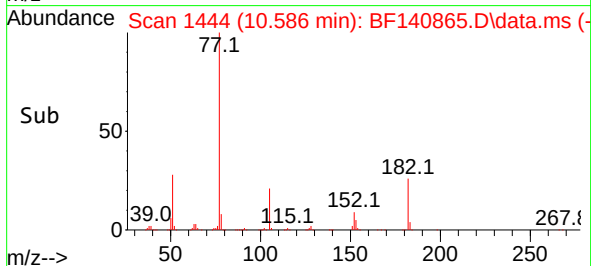
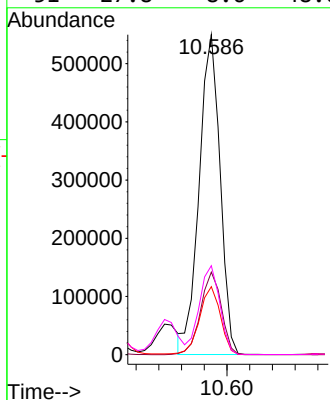
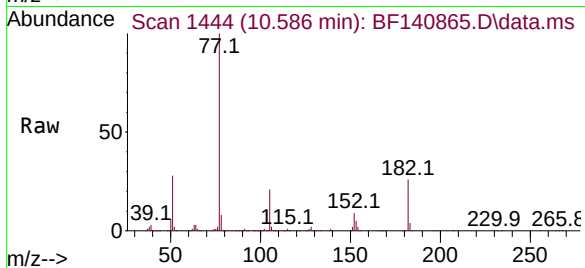
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 21.3 0.9 40.9

51 27.8 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

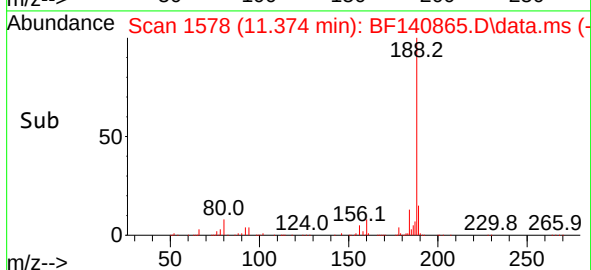
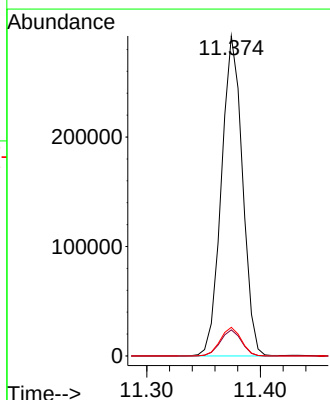
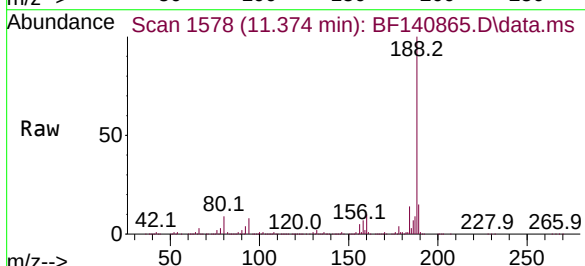
Tgt Ion:188 Resp: 377454

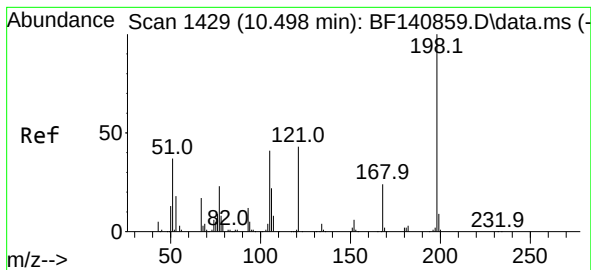
Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.0 6.8 10.2

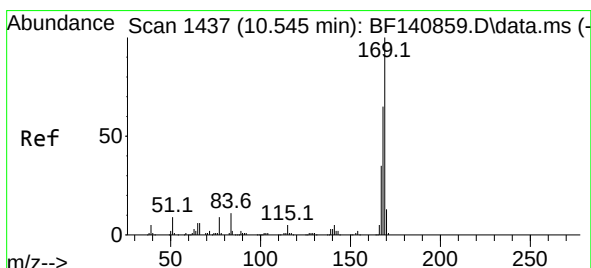
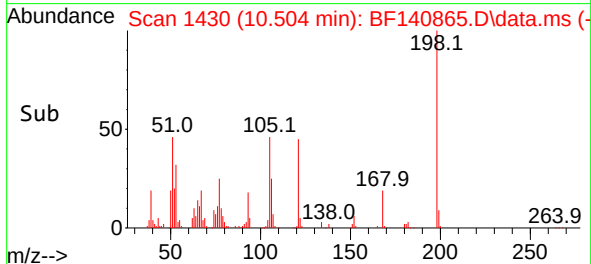
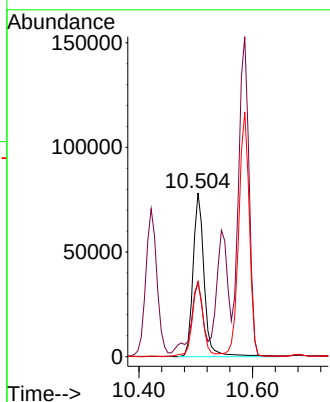
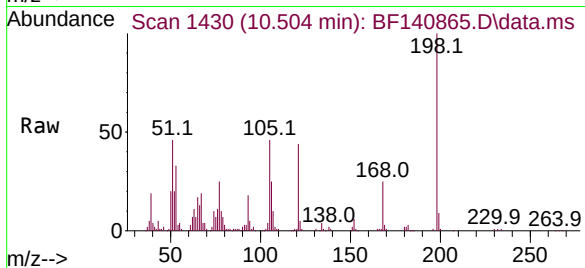




#65
4,6-Dinitro-2-methylphenol
Concen: 50.039 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

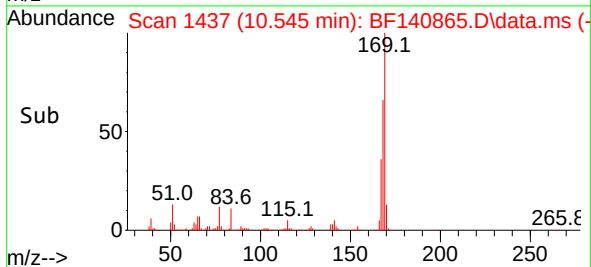
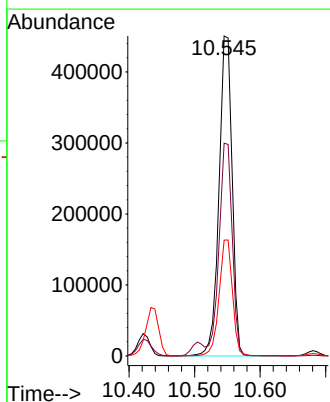
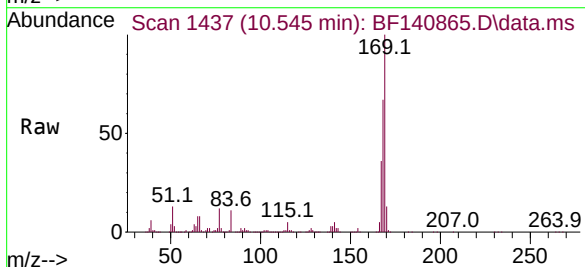
Instrument :
BNA_F
ClientSampleId :
PB165543BS

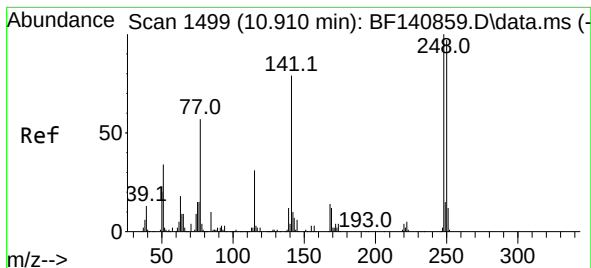
Tgt Ion:198 Resp: 107026
Ion Ratio Lower Upper
198 100
51 45.7 24.4 64.4
105 45.8 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 53.859 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:169 Resp: 625038
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.2 28.3 42.5

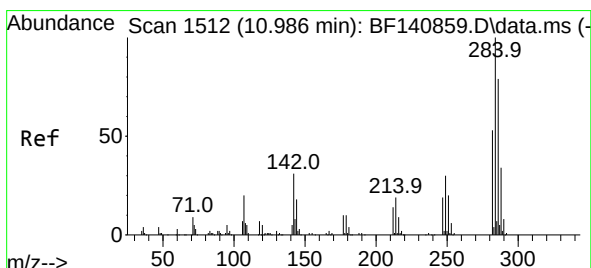
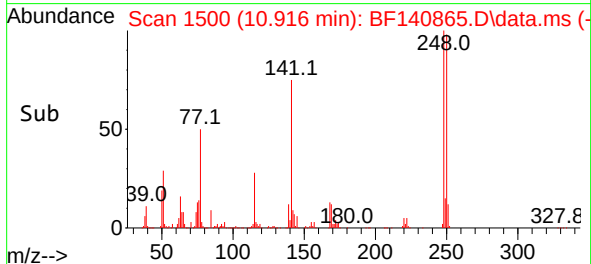
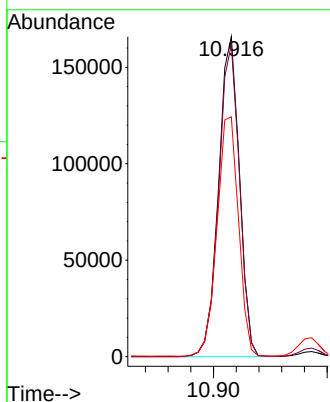
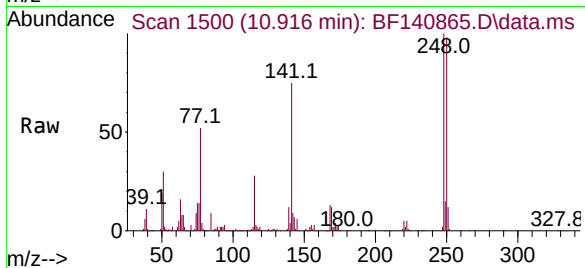




#67
4-Bromophenyl-phenylether
Concen: 50.097 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

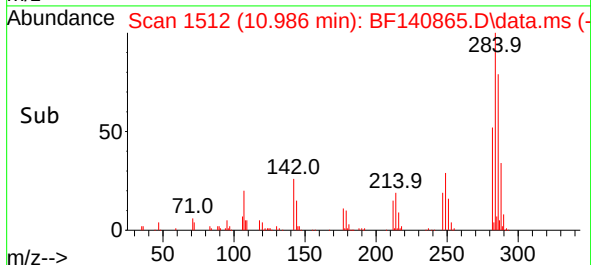
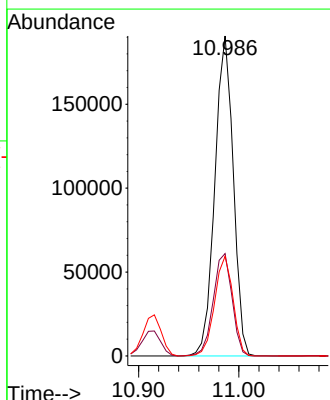
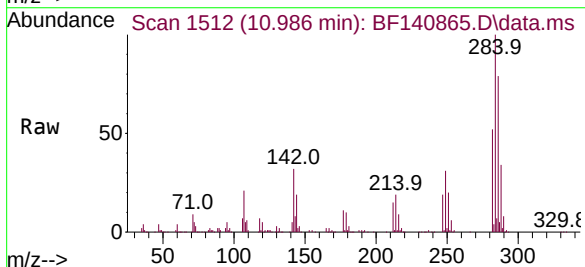
Instrument :
BNA_F
ClientSampleId :
PB165543BS

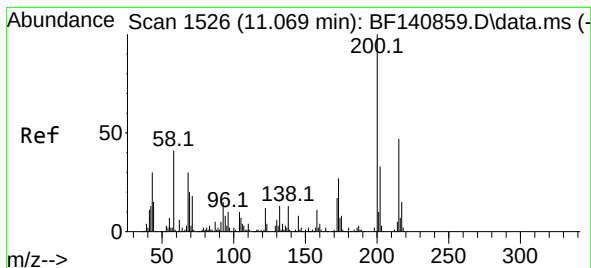
Tgt Ion:248 Resp: 211544
Ion Ratio Lower Upper
248 100
250 97.6 77.4 116.2
141 75.0 62.9 94.3



#68
Hexachlorobenzene
Concen: 50.736 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:284 Resp: 242903
Ion Ratio Lower Upper
284 100
142 32.0 24.6 36.8
249 31.1 24.3 36.5





#69

Atrazine

Concen: 61.992 ng

RT: 11.074 min Scan# 1527

Delta R.T. 0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

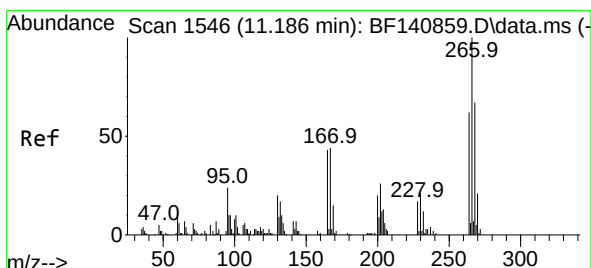
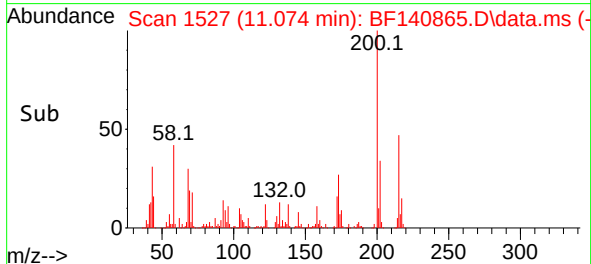
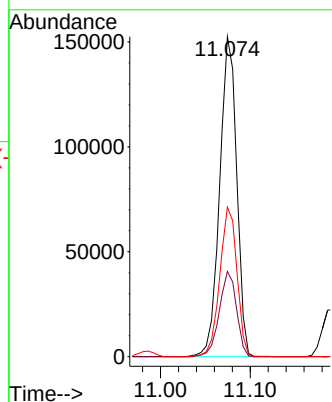
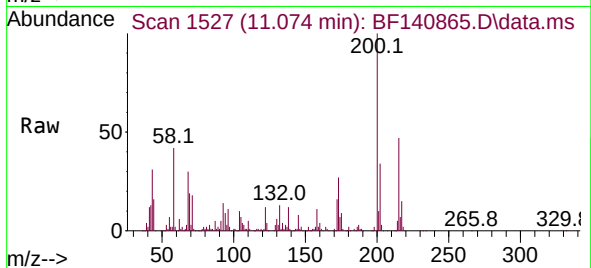
Tgt Ion:200 Resp: 200926

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 46.8 26.7 66.7



#70

Pentachlorophenol

Concen: 112.644 ng

RT: 11.192 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

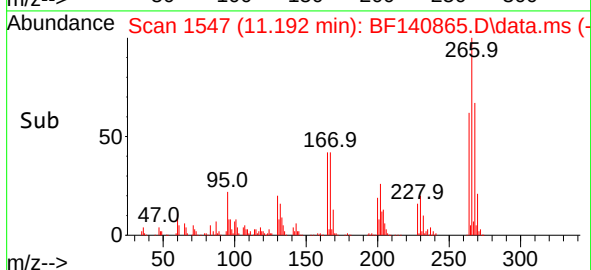
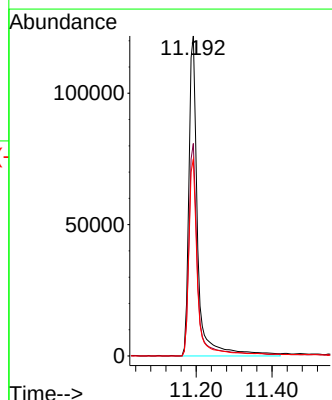
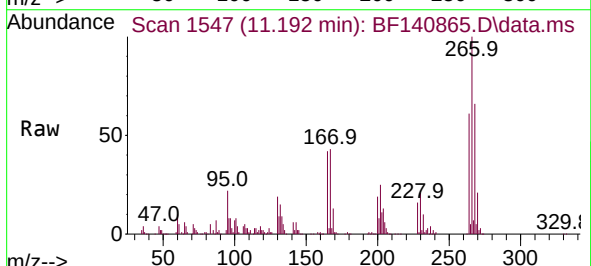
Tgt Ion:266 Resp: 197170

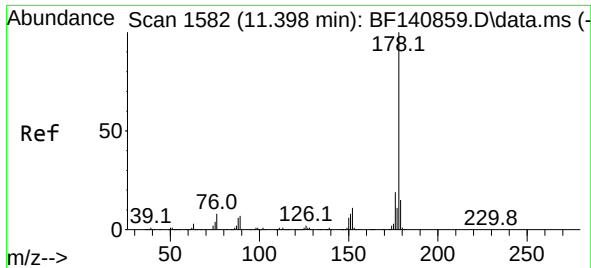
Ion Ratio Lower Upper

266 100

268 66.4 54.0 81.0

264 61.5 49.4 74.2

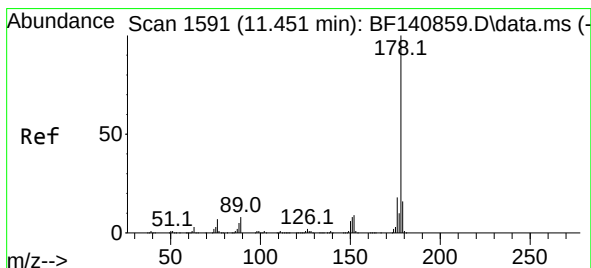
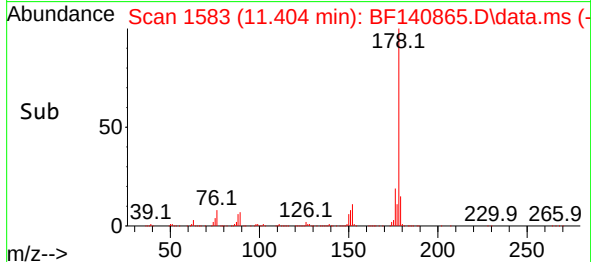
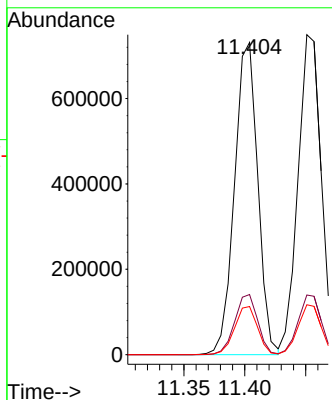
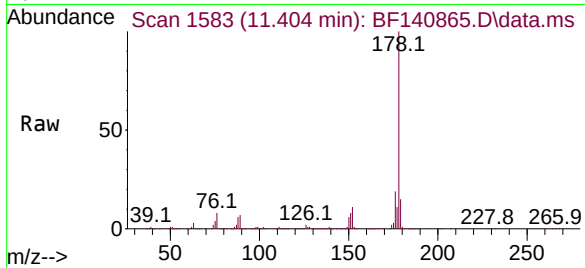




#71
Phenanthrene
Concen: 50.167 ng
RT: 11.404 min Scan# 1582
Delta R.T. 0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

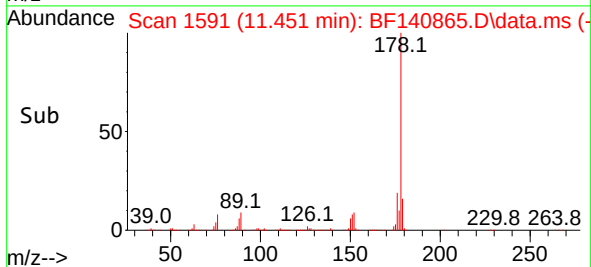
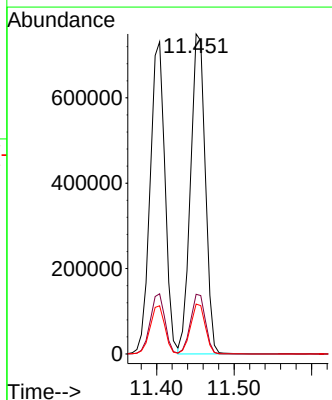
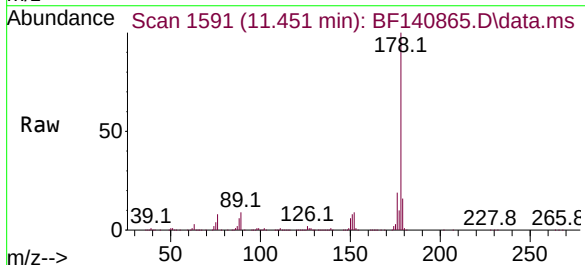
Instrument :
BNA_F
ClientSampleId :
PB165543BS

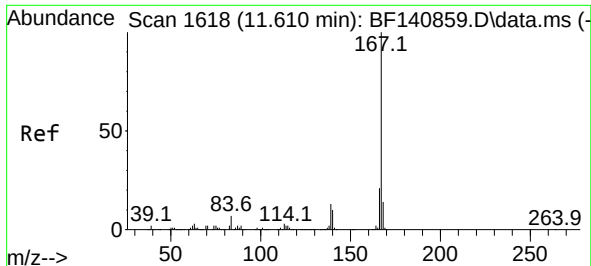
Tgt Ion:178 Resp: 973754
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.4 12.1 18.1



#72
Anthracene
Concen: 51.840 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:178 Resp: 990947
Ion Ratio Lower Upper
178 100
176 18.7 14.6 22.0
179 15.6 12.6 18.8

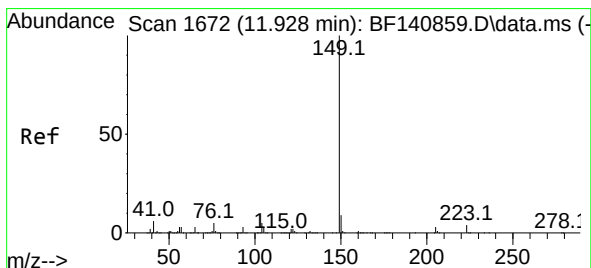
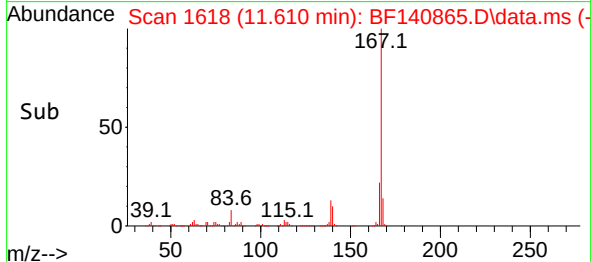
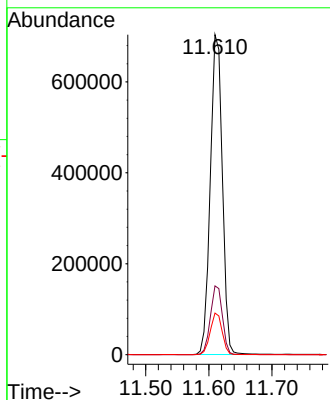
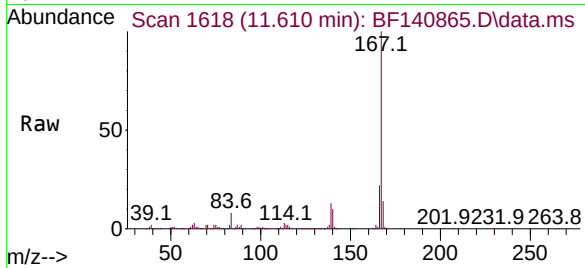




#73
 Carbazole
 Concen: 49.703 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

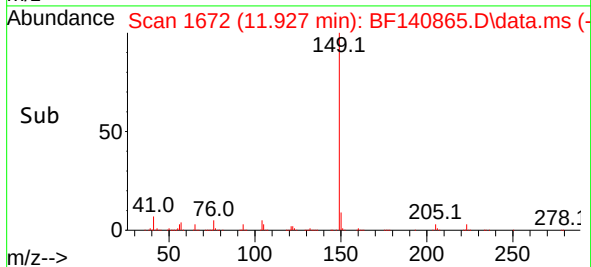
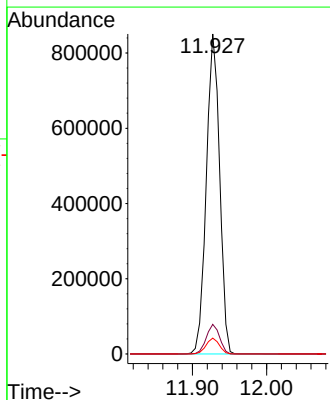
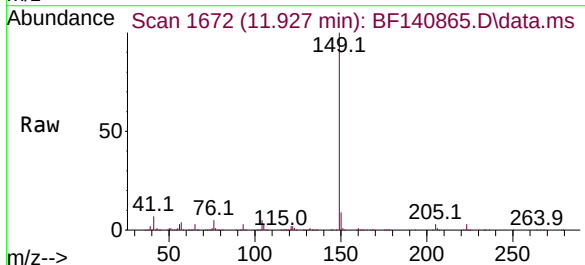
Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

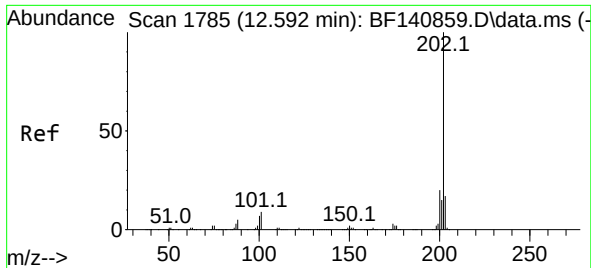
Tgt Ion:167 Resp: 930598
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 48.157 ng
 RT: 11.927 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

Tgt Ion:149 Resp: 1058182
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.0 3.8 5.8

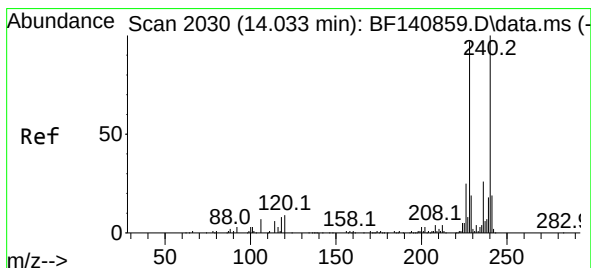
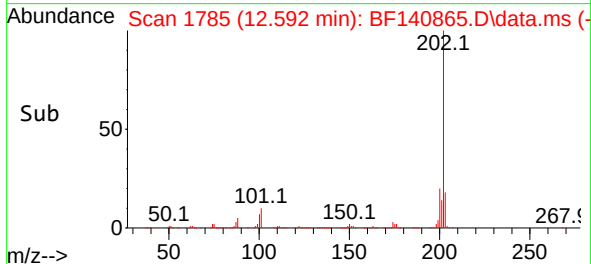
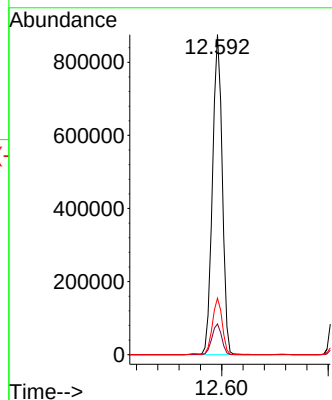
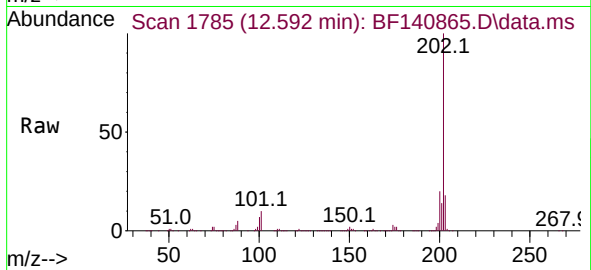




#75
Fluoranthene
Concen: 49.985 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

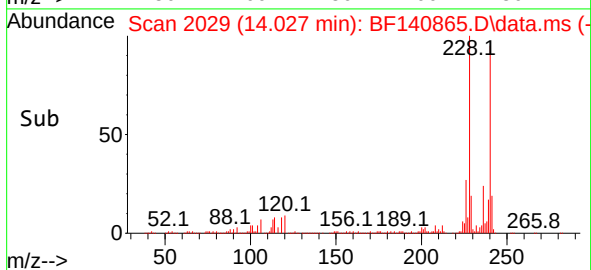
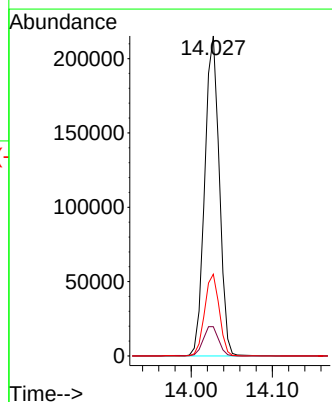
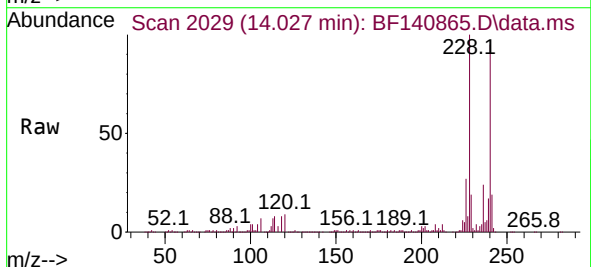
Instrument :
BNA_F
ClientSampleId :
PB165543BS

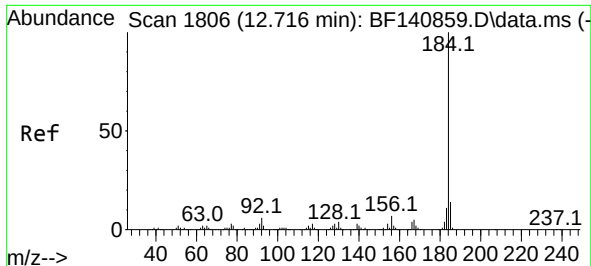
Tgt Ion:202 Resp: 1117375
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:240 Resp: 267634
Ion Ratio Lower Upper
240 100
120 9.2 7.6 11.4
236 25.6 20.5 30.7

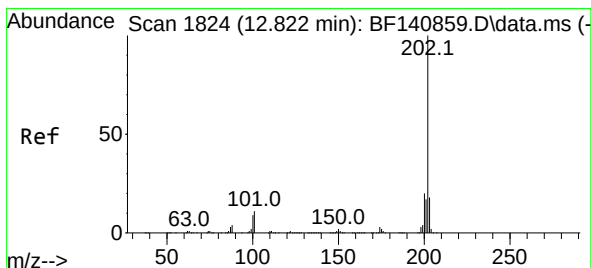
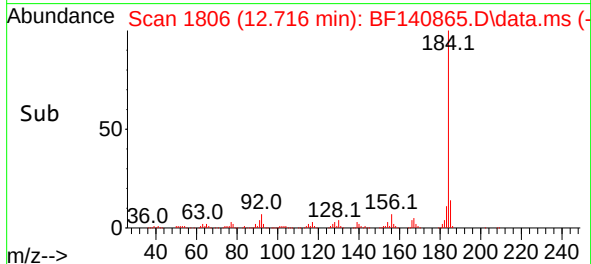
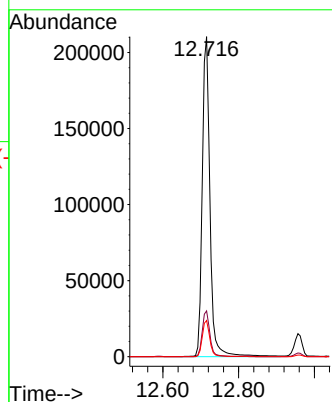
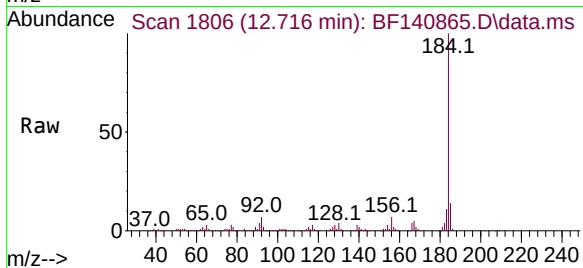




#77
Benzidine
Concen: 54.563 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

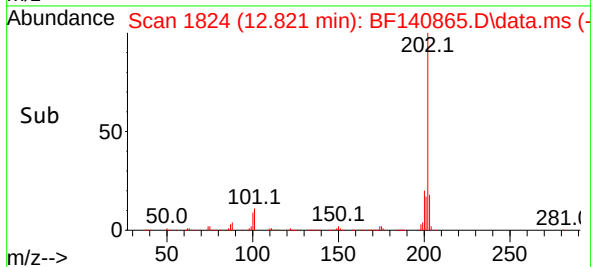
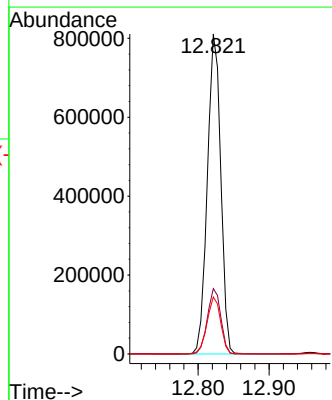
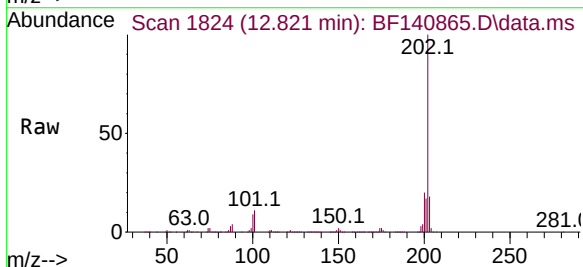
Instrument :
BNA_F
ClientSampleId :
PB165543BS

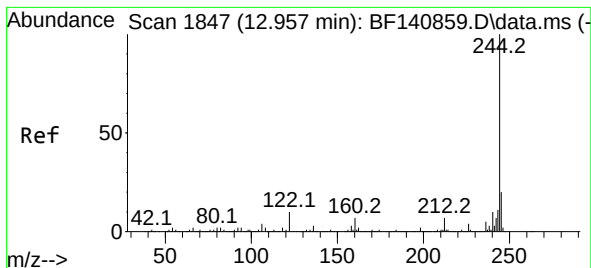
Tgt Ion:184 Resp: 298039
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 11.3 9.0 13.4



#78
Pyrene
Concen: 44.783 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140865.D
Acq: 16 Dec 2024 17:34

Tgt Ion:202 Resp: 1065826
Ion Ratio Lower Upper
202 100
200 20.4 16.1 24.1
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 90.383 ng

RT: 12.957 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

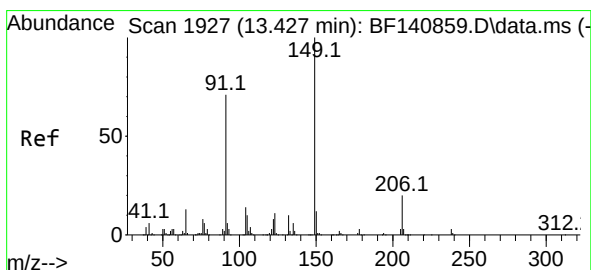
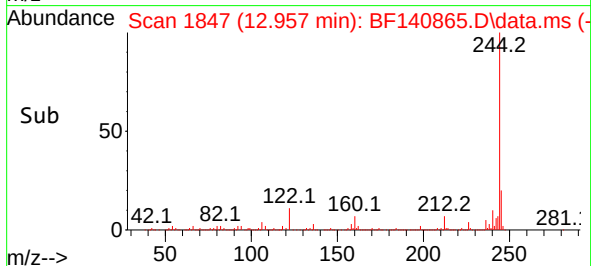
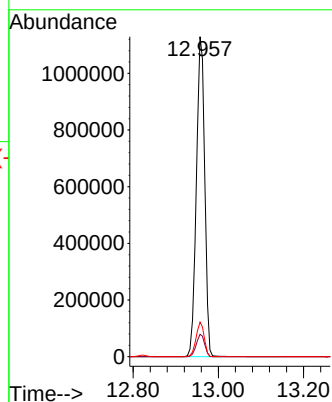
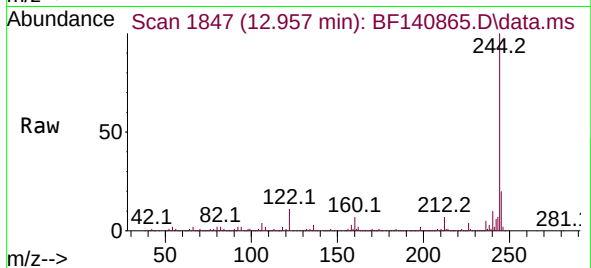
Tgt Ion:244 Resp: 1534027

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 10.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 48.401 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

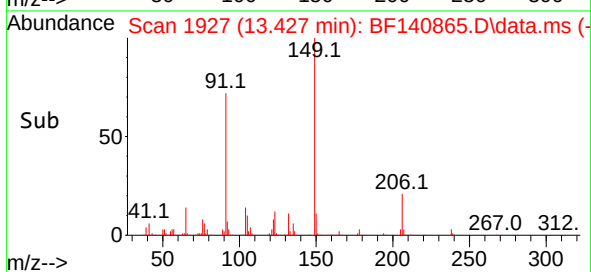
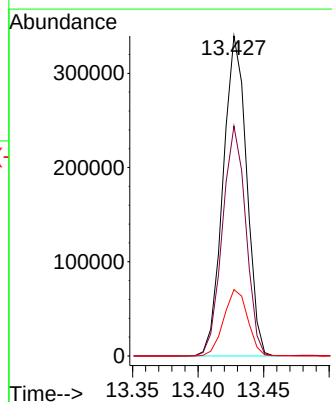
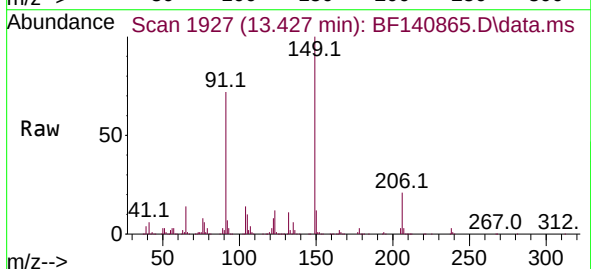
Tgt Ion:149 Resp: 423854

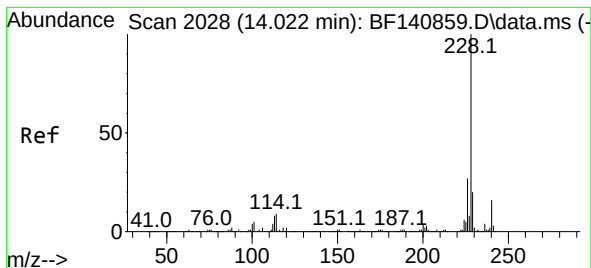
Ion Ratio Lower Upper

149 100

91 71.9 56.7 85.1

206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.232 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

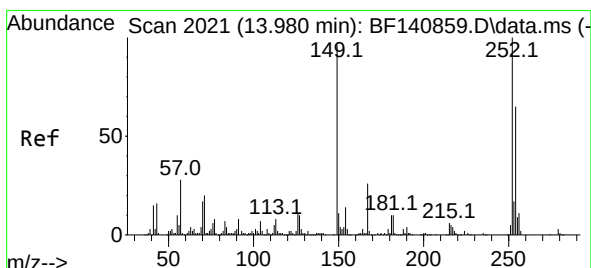
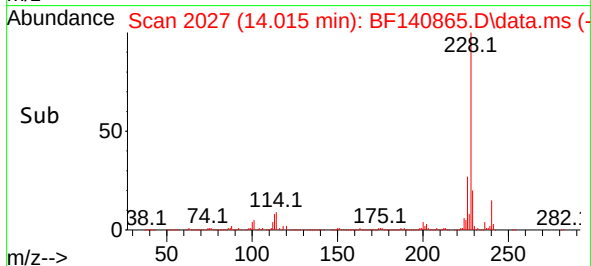
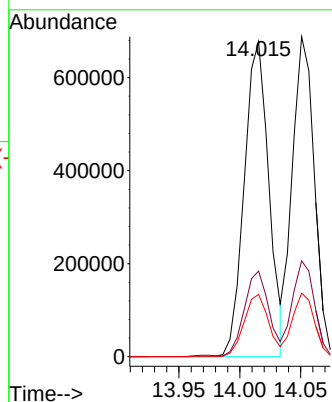
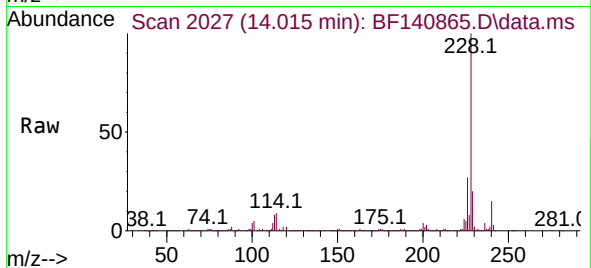
Tgt Ion:228 Resp: 952811

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.692 ng

RT: 13.974 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

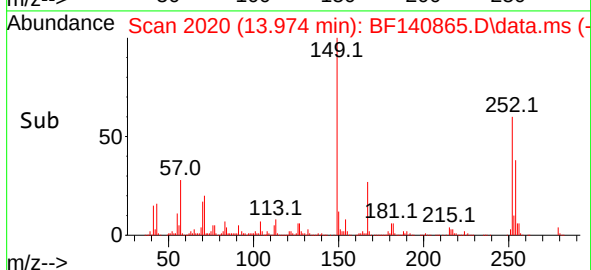
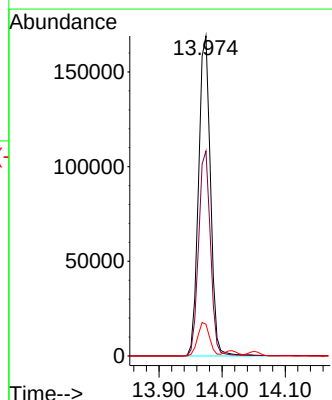
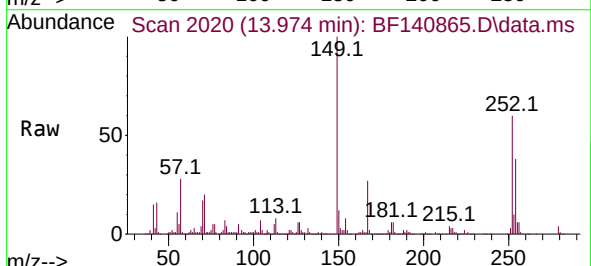
Tgt Ion:252 Resp: 221424

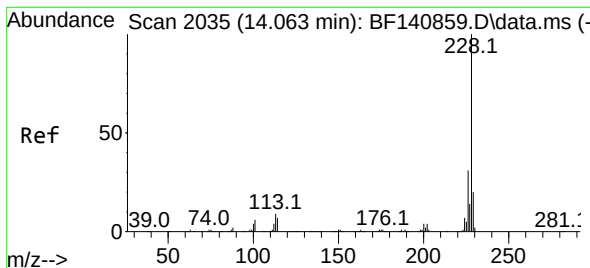
Ion Ratio Lower Upper

252 100

254 64.0 52.3 78.5

126 9.9 8.4 12.6





#83

Chrysene

Concen: 50.350 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

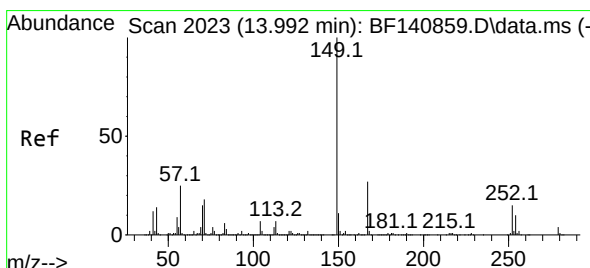
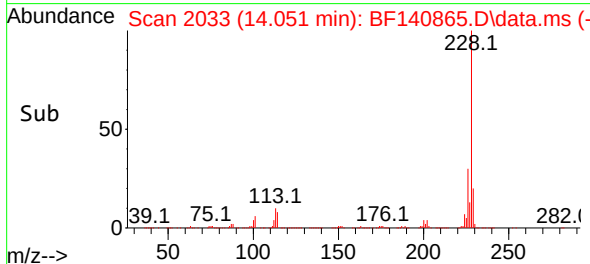
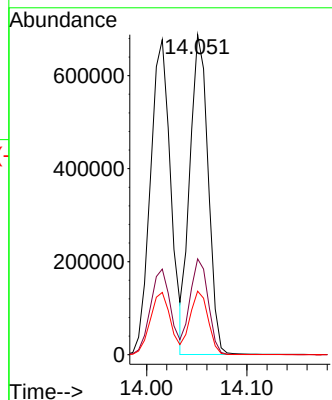
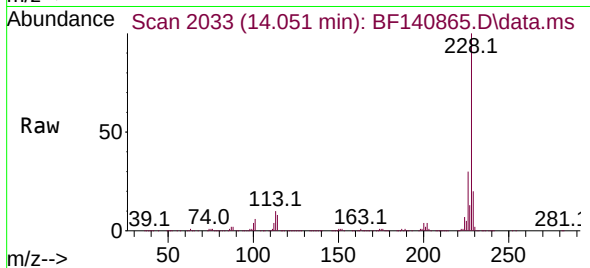
Tgt Ion:228 Resp: 868461

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.659 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

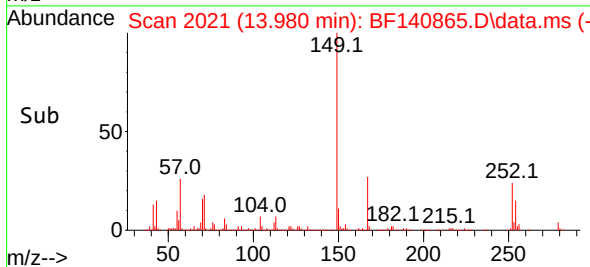
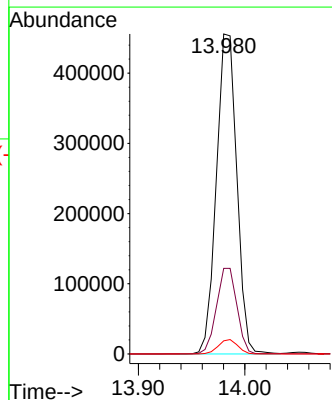
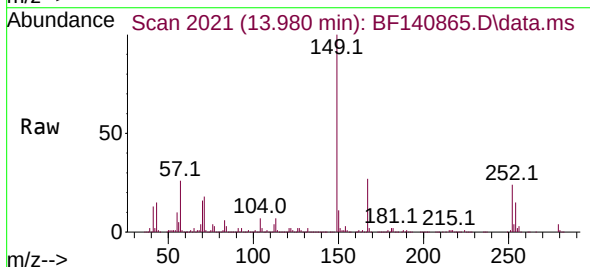
Tgt Ion:149 Resp: 605903

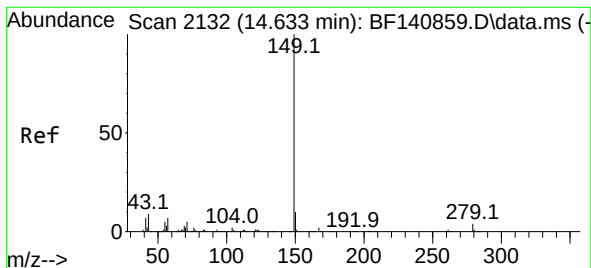
Ion Ratio Lower Upper

149 100

167 26.8 21.8 32.8

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 54.592 ng

RT: 14.604 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

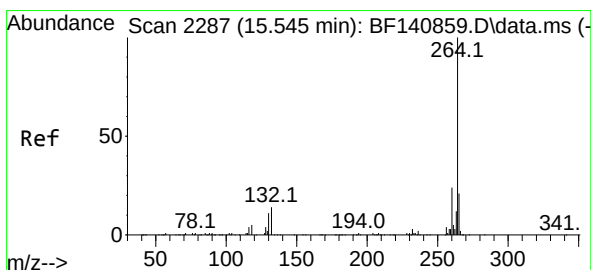
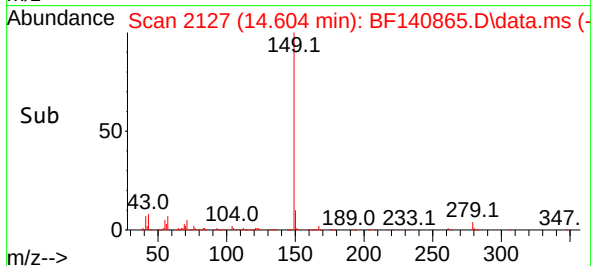
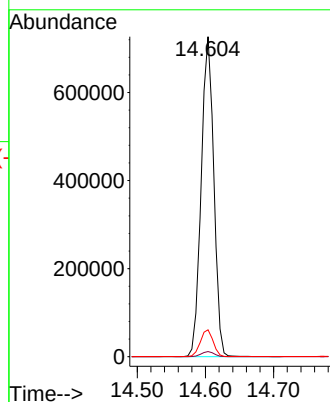
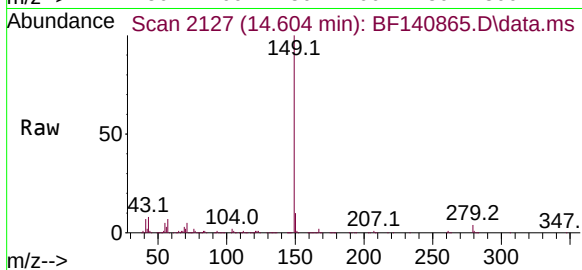
Tgt Ion:149 Resp: 932584

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

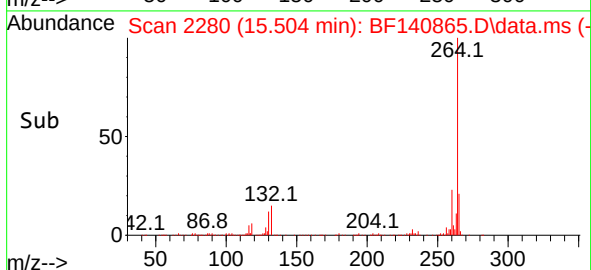
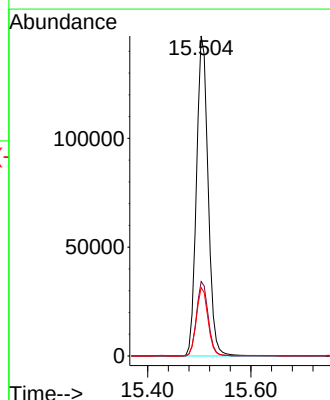
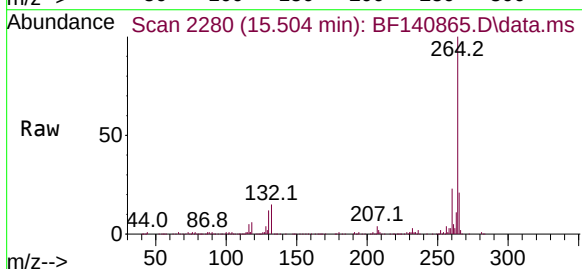
Tgt Ion:264 Resp: 229835

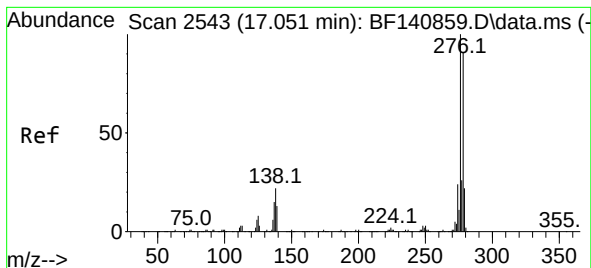
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.890 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

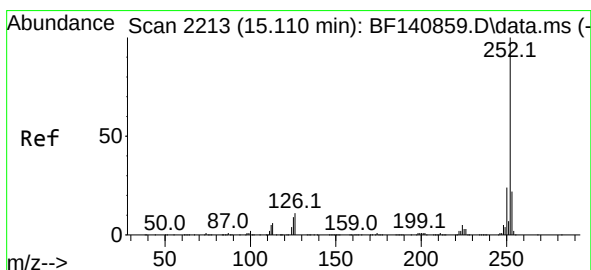
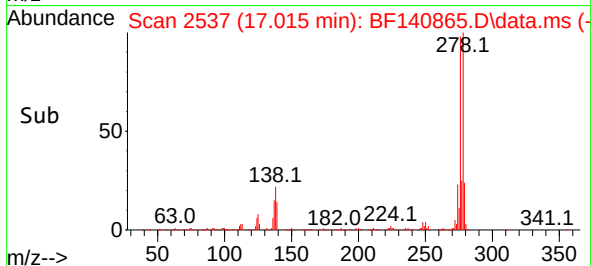
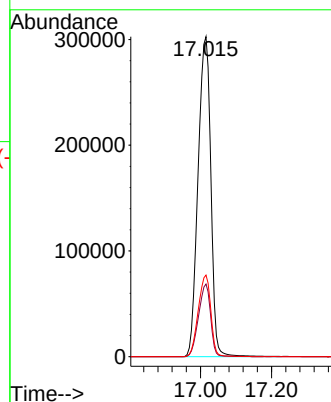
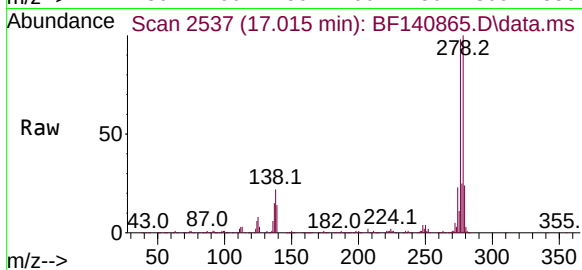
Tgt Ion:276 Resp: 758577

Ion Ratio Lower Upper

276 100

138 21.4 16.9 25.3

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.556 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

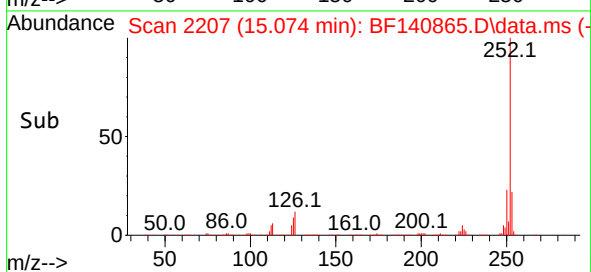
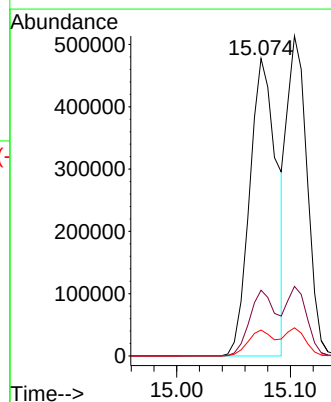
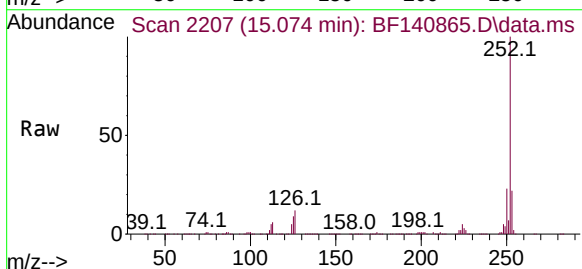
Tgt Ion:252 Resp: 790622

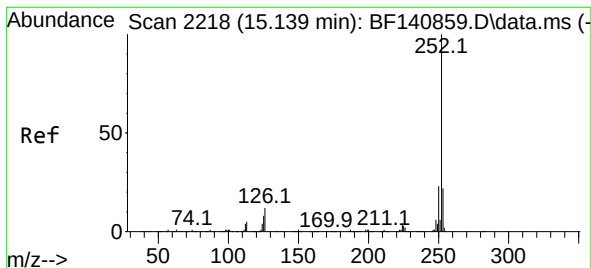
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 46.315 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

Instrument :

BNA_F

ClientSampleId :

PB165543BS

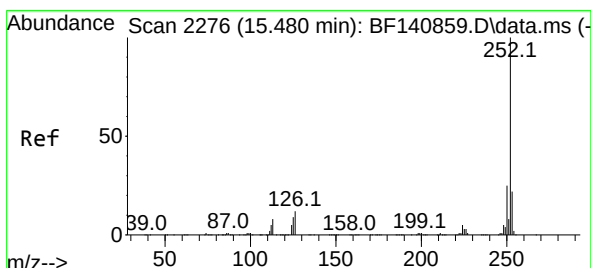
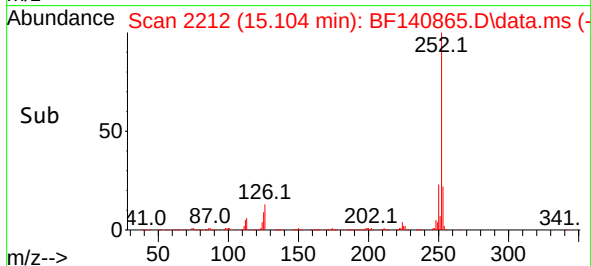
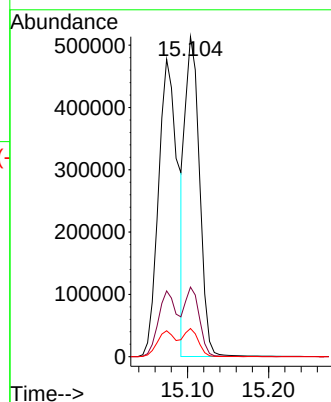
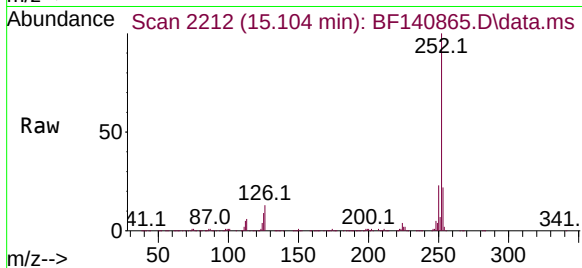
Tgt Ion:252 Resp: 633831

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.8 6.8 10.2



#90

Benzo(a)pyrene

Concen: 52.788 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140865.D

Acq: 16 Dec 2024 17:34

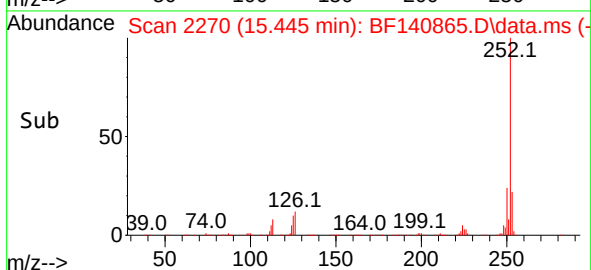
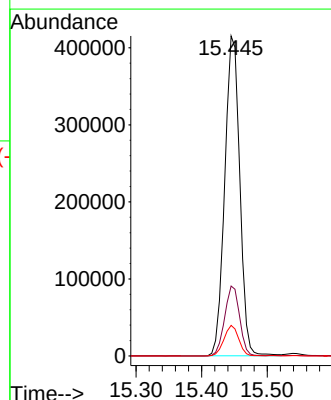
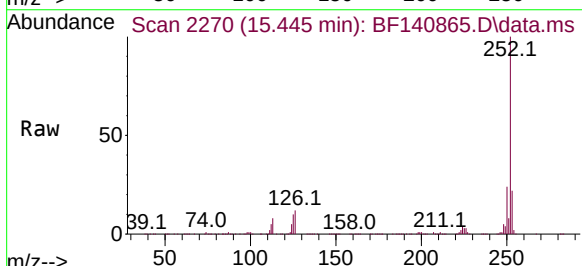
Tgt Ion:252 Resp: 659457

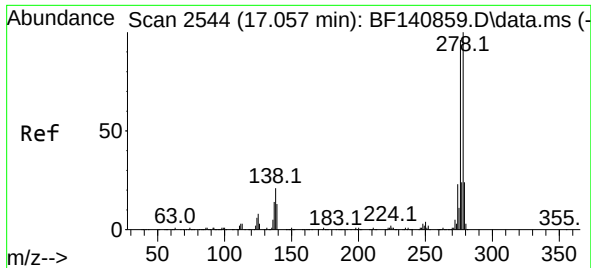
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.5 7.5 11.3

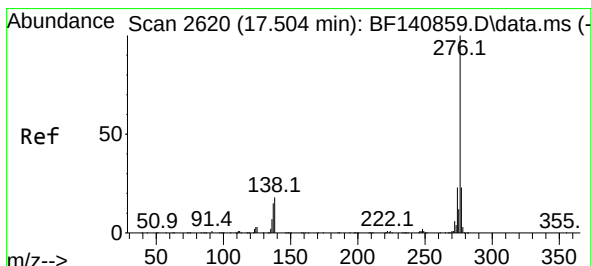
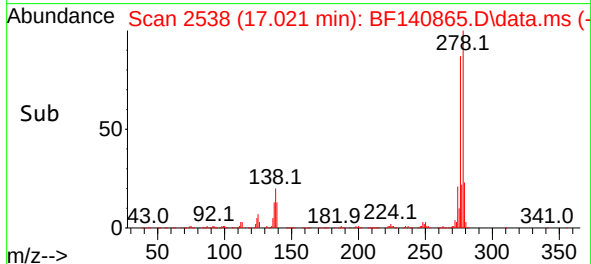
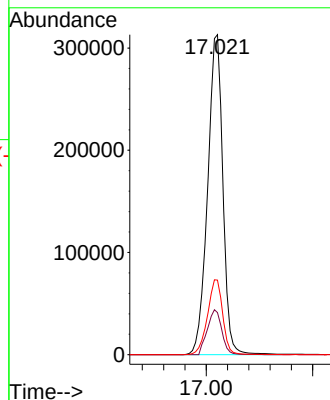
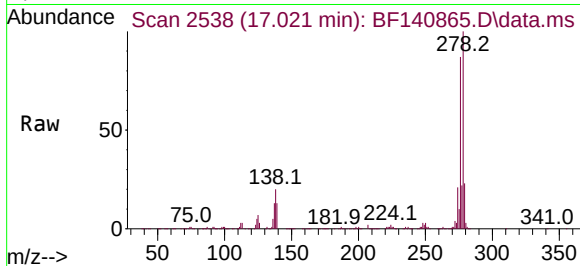




#91
 Dibenzo(a,h)anthracene
 Concen: 52.457 ng
 RT: 17.021 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BS

Tgt Ion:278 Resp: 623294
 Ion Ratio Lower Upper
 278 100
 139 13.1 10.6 16.0
 279 23.3 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 45.558 ng
 RT: 17.462 min Scan# 2613
 Delta R.T. -0.041 min
 Lab File: BF140865.D
 Acq: 16 Dec 2024 17:34

Tgt Ion:276 Resp: 550945
 Ion Ratio Lower Upper
 276 100
 277 23.9 18.7 28.1
 138 18.0 14.2 21.2

