

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
 Data File : BF140900.D
 Acq On : 18 Dec 2024 12:45
 Operator : RC/JU
 Sample : PB165685BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165685BS

Quant Time: Dec 18 13:06:32 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	6.851	152	62950	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	255219	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	162588	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	312461	20.000	ng	0.00
76) Chrysene-d12	14.033	240	223983	20.000	ng	0.00
86) Perylene-d12	15.521	264	167396	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	569919	149.038	ng	0.01
7) Phenol-d6	6.504	99	738946	145.895	ng	0.00
23) Nitrobenzene-d5	7.416	82	484747	95.026	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	289555	150.578	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1134179	95.907	ng	0.00
79) Terphenyl-d14	12.963	244	1432582	100.856	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.710	88	71243	43.253	ng	98
3) Pyridine	3.487	79	205352	53.834	ng	98
4) n-Nitrosodimethylamine	3.434	42	109015	56.691	ng	94
6) Aniline	6.516	93	188875	43.614	ng	# 77
8) 2-Chlorophenol	6.645	128	222930	53.460	ng	100
9) Benzaldehyde	6.404	77	47497	16.924	ng	98
10) Phenol	6.516	94	276606	52.693	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	204361	52.202	ng	99
12) 1,3-Dichlorobenzene	6.792	146	235209	49.500	ng	98
13) 1,4-Dichlorobenzene	6.869	146	238860	49.522	ng	99
14) 1,2-Dichlorobenzene	7.016	146	228228	50.151	ng	99
15) Benzyl Alcohol	7.004	79	202243	55.846	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	246762	53.507	ng	86
17) 2-Methylphenol	7.122	107	173960	52.251	ng	98
18) Hexachloroethane	7.357	117	88578	49.330	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	159907	52.633	ng	99
20) 3+4-Methylphenols	7.275	107	232910	52.757	ng	# 82
22) Acetophenone	7.263	105	314964	49.333	ng	97
24) Nitrobenzene	7.439	77	242078	46.322	ng	98
25) Isophorone	7.675	82	434761	50.865	ng	100
26) 2-Nitrophenol	7.751	139	123765	51.420	ng	100
27) 2,4-Dimethylphenol	7.792	122	174282	62.002	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	271953	50.942	ng	99
29) 2,4-Dichlorophenol	8.004	162	200303	51.614	ng	100
30) 1,2,4-Trichlorobenzene	8.075	180	214861	48.297	ng	99
31) Naphthalene	8.151	128	705518	50.324	ng	100
32) Benzoic acid	7.951	122	114434	42.925	ng	97
33) 4-Chloroaniline	8.210	127	132891	28.540	ng	97
34) Hexachlorobutadiene	8.263	225	140372	46.898	ng	97
35) Caprolactam	8.592	113	65634m	56.810	ng	
36) 4-Chloro-3-methylphenol	8.704	107	238754	54.662	ng	98
37) 2-Methylnaphthalene	8.845	142	498162	53.717	ng	100
38) 1-Methylnaphthalene	8.945	142	466204	50.831	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	251947	50.416	ng	99
41) Hexachlorocyclopentadiene	8.992	237	87723	59.492	ng	98
43) 2,4,6-Trichlorophenol	9.133	196	152139	49.719	ng	98

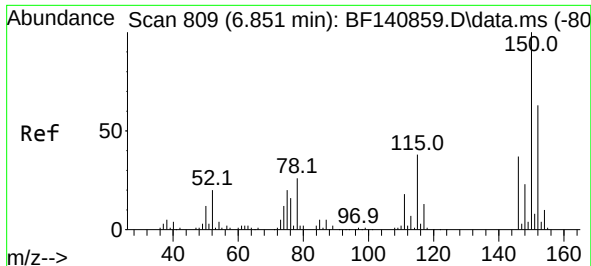
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	163439	48.594	ng	99
46) 1,1'-Biphenyl	9.310	154	670587	51.868	ng	100
47) 2-Chloronaphthalene	9.333	162	505171	51.075	ng	99
48) 2-Nitroaniline	9.439	65	166791	55.837	ng	98
49) Acenaphthylene	9.751	152	788892	54.275	ng	100
50) Dimethylphthalate	9.610	163	611756	53.369	ng	100
51) 2,6-Dinitrotoluene	9.680	165	136826	52.214	ng	96
52) Acenaphthene	9.922	154	481038	51.810	ng	100
53) 3-Nitroaniline	9.857	138	86727	33.349	ng	99
54) 2,4-Dinitrophenol	9.975	184	133782	102.617	ng	97
55) Dibenzofuran	10.092	168	749870	52.121	ng	99
56) 4-Nitrophenol	10.045	139	143179	101.113	ng	98
57) 2,4-Dinitrotoluene	10.092	165	179888	52.174	ng	98
58) Fluorene	10.439	166	574748	48.423	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	141765	51.727	ng	97
60) Diethylphthalate	10.310	149	586098	49.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	283641	47.573	ng	97
62) 4-Nitroaniline	10.474	138	134896	49.639	ng	97
63) Azobenzene	10.586	77	567863	50.817	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	97340	54.977	ng	98
66) n-Nitrosodiphenylamine	10.551	169	512960	53.396	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	181534	51.932	ng	99
68) Hexachlorobenzene	10.992	284	203846	51.434	ng	99
69) Atrazine	11.080	200	178074	66.370	ng	99
70) Pentachlorophenol	11.198	266	160709	110.911	ng	99
71) Phenanthrene	11.404	178	821688	51.138	ng	99
72) Anthracene	11.457	178	844453	53.366	ng	100
73) Carbazole	11.616	167	788819	50.894	ng	99
74) Di-n-butylphthalate	11.927	149	973308	53.508	ng	99
75) Fluoranthene	12.598	202	952765	51.487	ng	100
77) Benzidine	12.721	184	221135	48.374	ng	100
78) Pyrene	12.827	202	1007559	50.586	ng	100
80) Butylbenzylphthalate	13.433	149	388722	53.040	ng	100
81) Benzo(a)anthracene	14.021	228	823174	51.855	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	156862	32.752	ng	99
83) Chrysene	14.062	228	751611	52.068	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	502288	53.152	ng	99
85) Di-n-octyl phthalate	14.615	149	660135	46.174	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	565094	54.096	ng	99
88) Benzo(b)fluoranthene	15.092	252	560108	48.203	ng	99
89) Benzo(k)fluoranthene	15.121	252	527806	52.953	ng	100
90) Benzo(a)pyrene	15.462	252	509371	55.983	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	466284	53.880	ng	99
92) Benzo(g,h,i)perylene	17.492	276	469557	53.311	ng	98

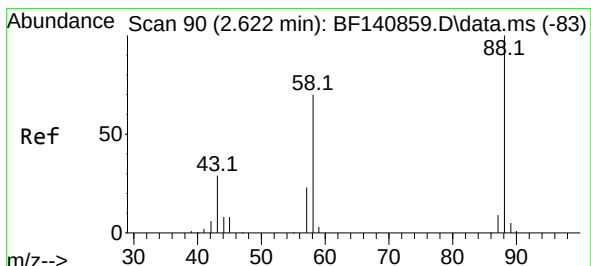
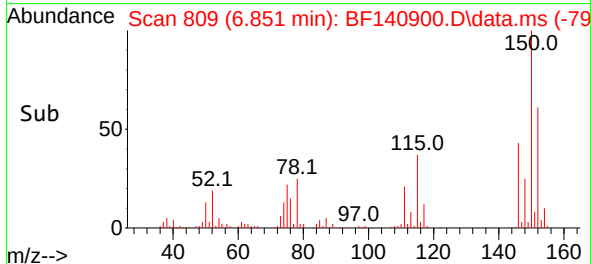
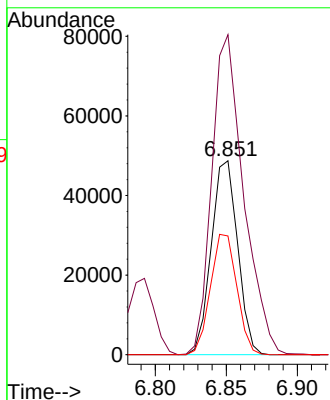
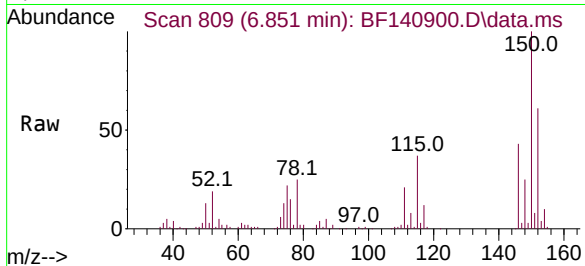
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF140900.D
 Acq: 18 Dec 2024 12:45

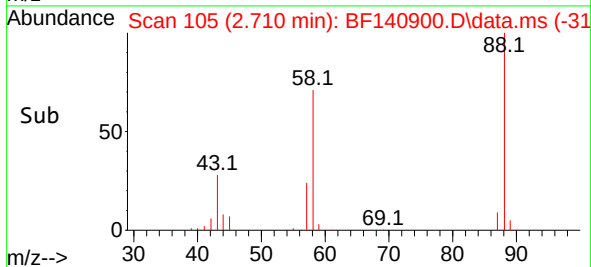
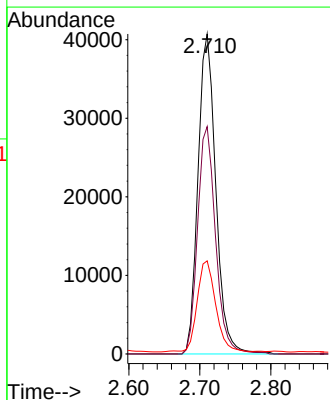
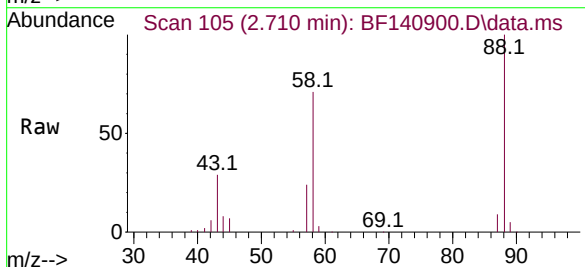
Instrument :
 BNA_F
 ClientSampleId :
 PB165685BS

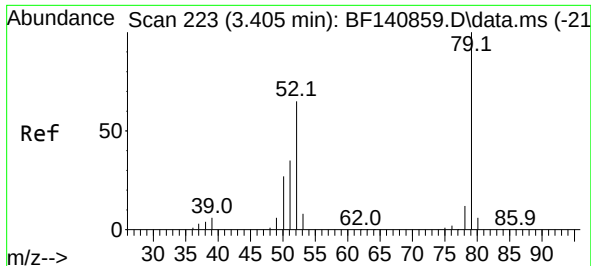
Tgt Ion:152 Resp: 62950
 Ion Ratio Lower Upper
 152 100
 150 165.0 127.9 191.9
 115 61.2 48.0 72.0



#2
 1,4-Dioxane
 Concen: 43.253 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.088 min
 Lab File: BF140900.D
 Acq: 18 Dec 2024 12:45

Tgt Ion: 88 Resp: 71243
 Ion Ratio Lower Upper
 88 100
 58 71.6 55.8 83.8
 43 29.6 22.7 34.1





#3

Pyridine

Concen: 53.834 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

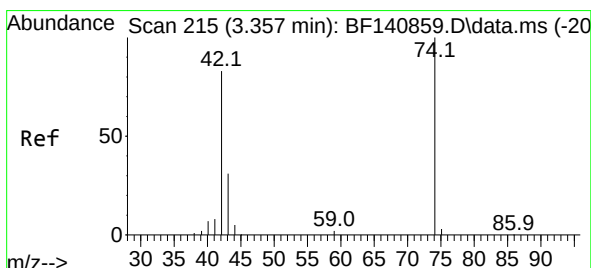
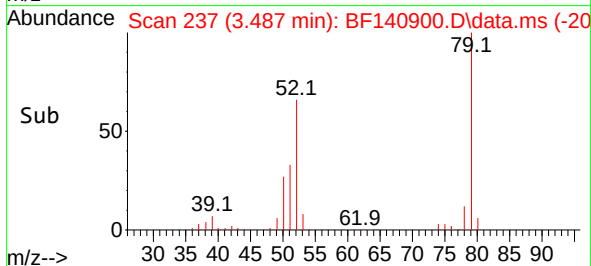
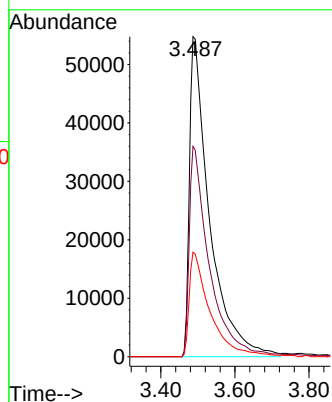
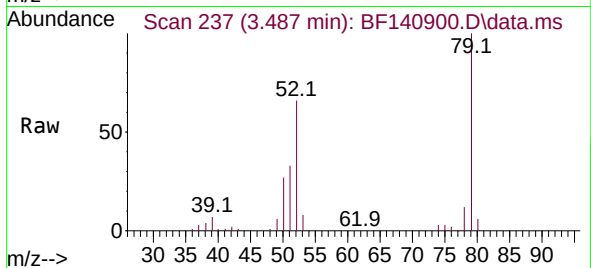
Tgt Ion: 79 Resp: 205352

Ion Ratio Lower Upper

79 100

52 65.7 51.7 77.5

51 32.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 56.691 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.076 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

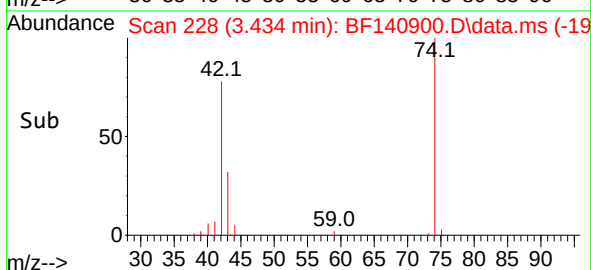
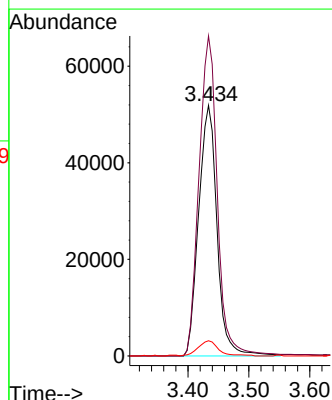
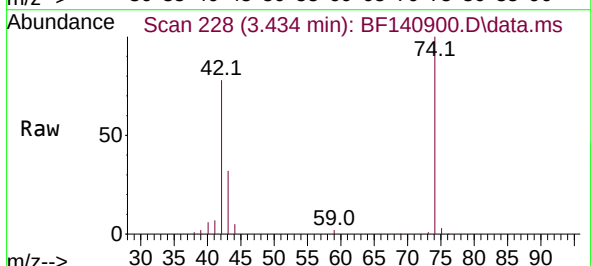
Tgt Ion: 42 Resp: 109015

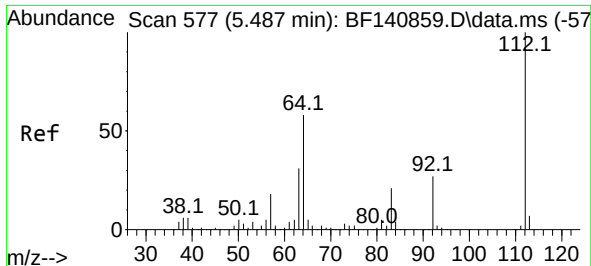
Ion Ratio Lower Upper

42 100

74 127.7 96.9 145.3

44 6.0 4.4 6.6

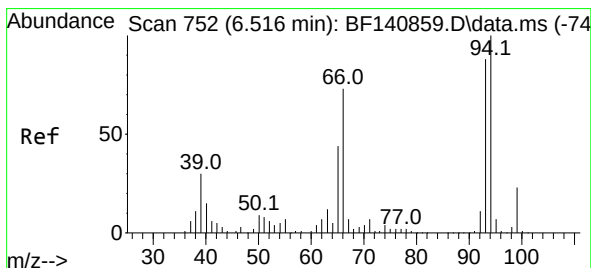
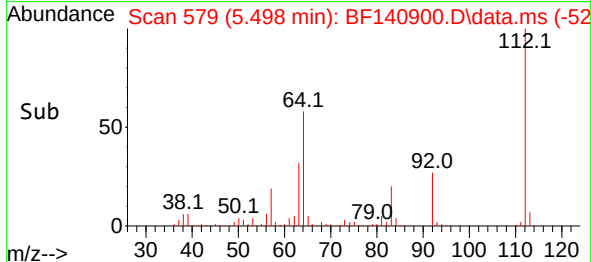
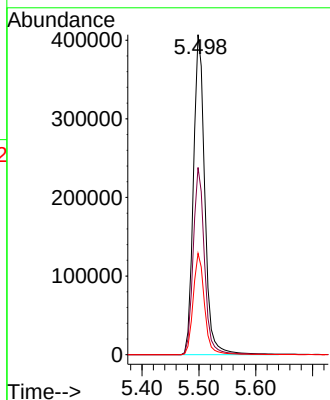
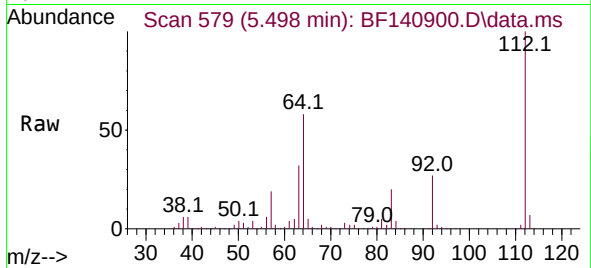




#5
2-Fluorophenol
Concen: 149.038 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

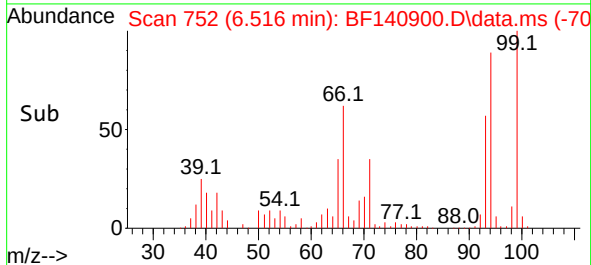
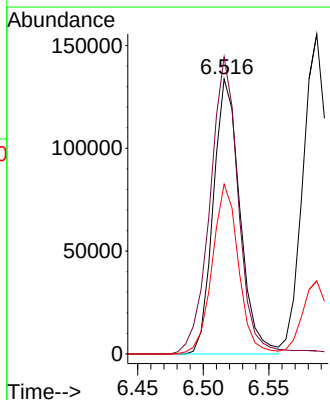
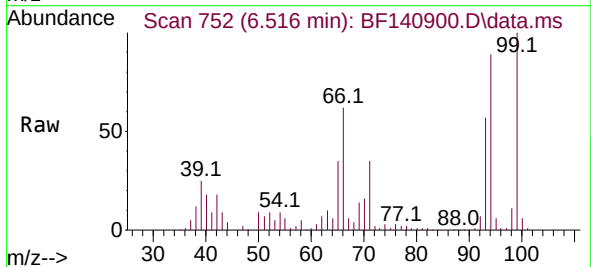
Instrument :
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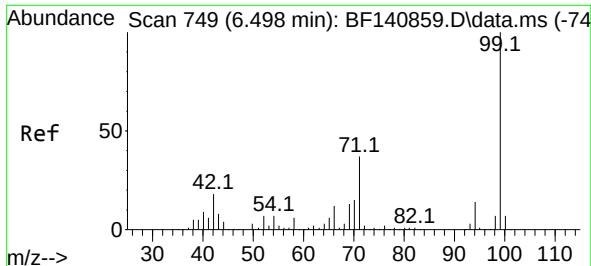
Tgt Ion:112 Resp: 569919
Ion Ratio Lower Upper
112 100
64 58.5 46.1 69.1
63 31.6 24.9 37.3



#6
Aniline
Concen: 43.614 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion: 93 Resp: 188875
Ion Ratio Lower Upper
93 100
66 108.0 67.0 100.4#
65 61.7 40.4 60.6#

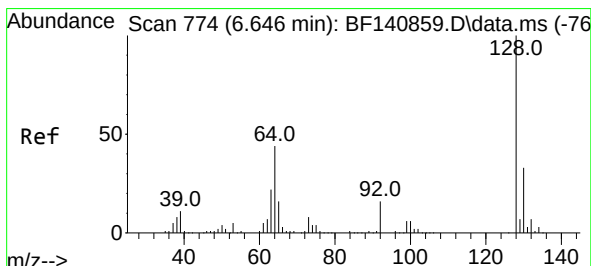
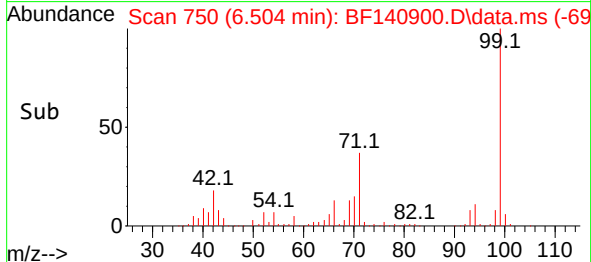
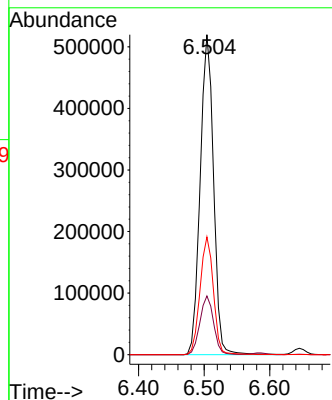
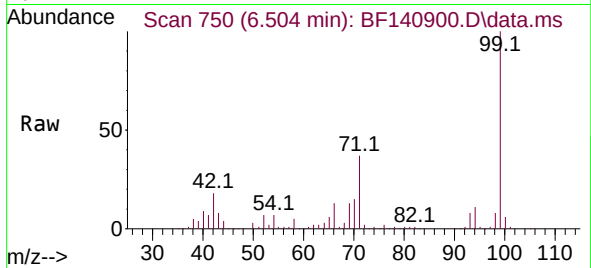




#7
Phenol-d6
Concen: 145.895 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

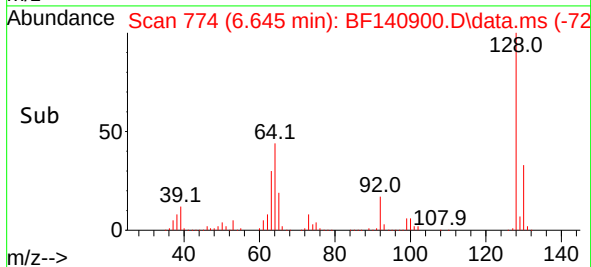
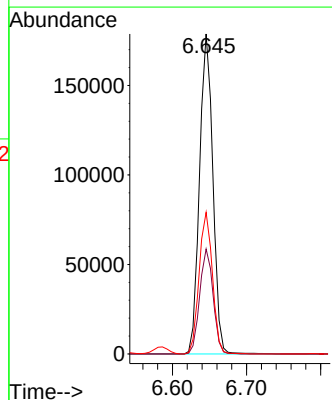
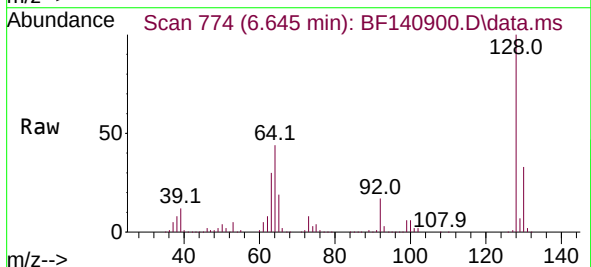
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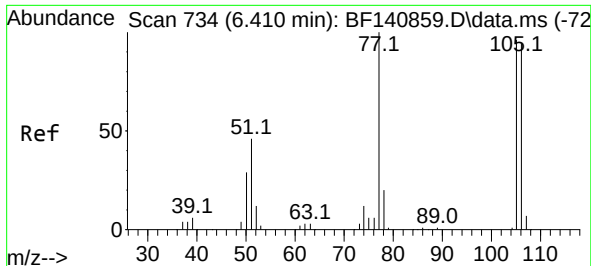
Tgt Ion: 99 Resp: 738946
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 36.8 29.9 44.9



#8
2-Chlorophenol
Concen: 53.460 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:128 Resp: 222930
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 44.2 24.3 64.3





#9

Benzaldehyde

Concen: 16.924 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

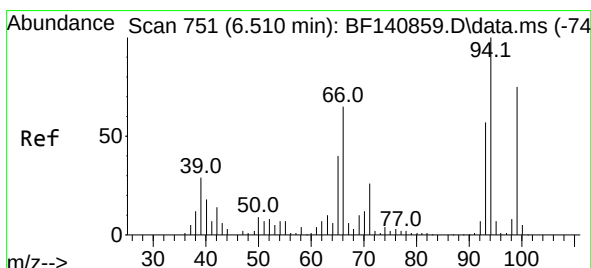
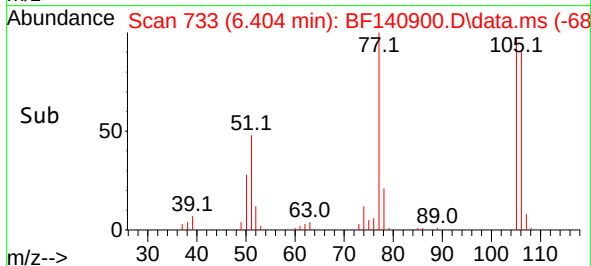
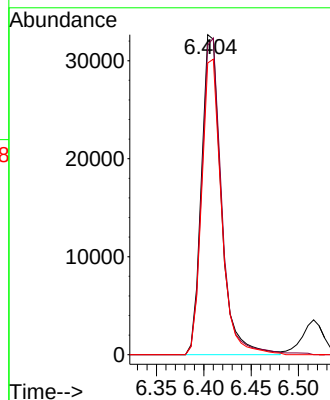
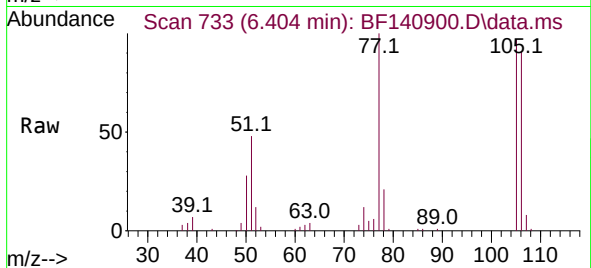
Tgt Ion: 77 Resp: 47497

Ion Ratio Lower Upper

77 100

105 96.7 75.8 115.8

106 91.1 74.1 114.1



#10

Phenol

Concen: 52.693 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

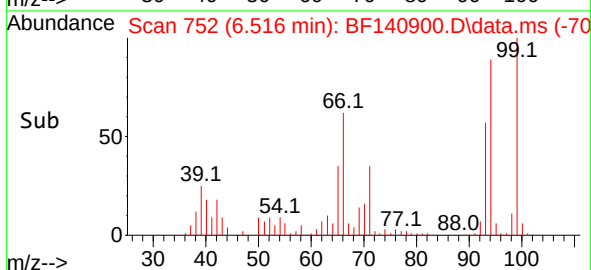
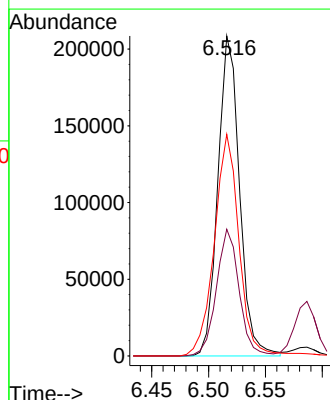
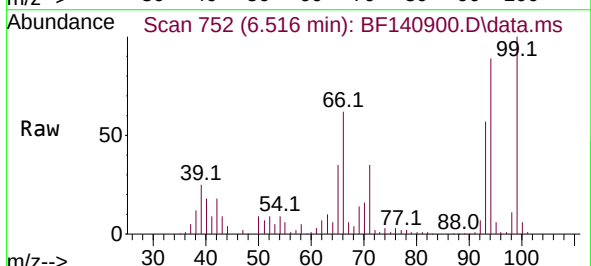
Tgt Ion: 94 Resp: 276606

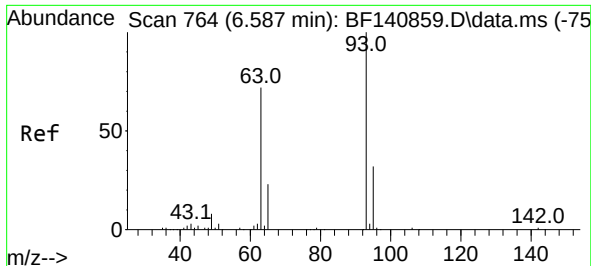
Ion Ratio Lower Upper

94 100

65 39.6 19.9 59.9

66 69.3 45.6 85.6

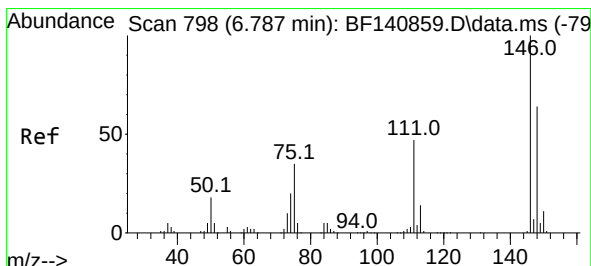
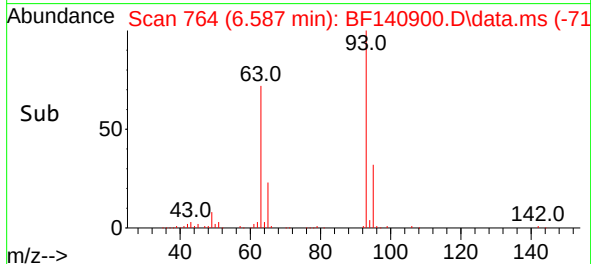
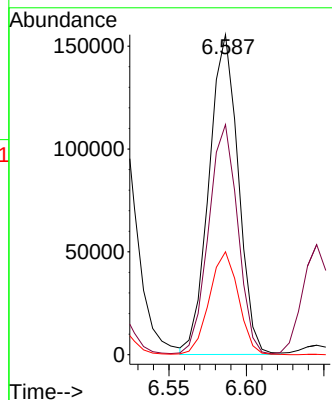
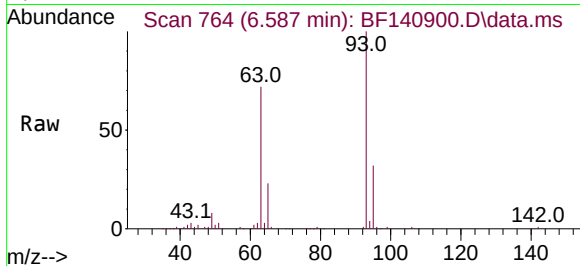




#11
bis(2-Chloroethyl)ether
Concen: 52.202 ng
RT: 6.587 min Scan# 704
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

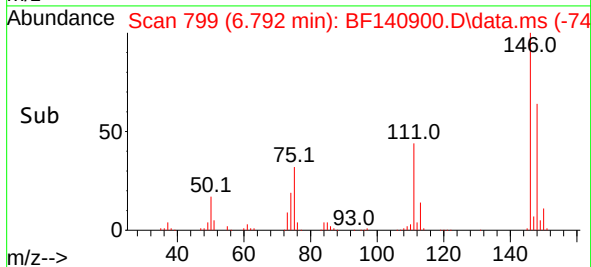
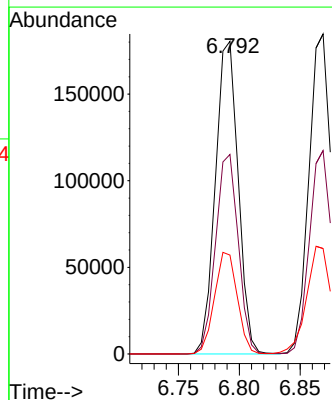
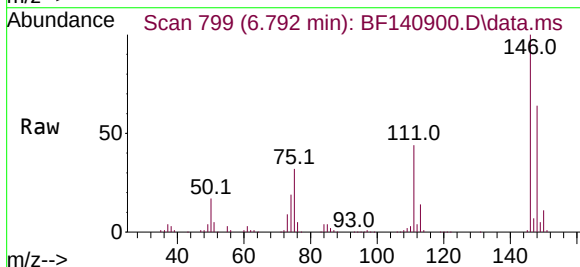
Instrument :
BNA_F
ClientSampleId :
PB165685BS

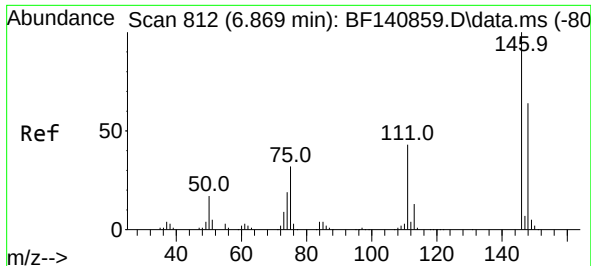
Tgt Ion: 93 Resp: 204361
Ion Ratio Lower Upper
93 100
63 71.9 51.0 91.0
95 32.1 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 49.500 ng
RT: 6.792 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:146 Resp: 235209
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
75 31.6 28.1 42.1

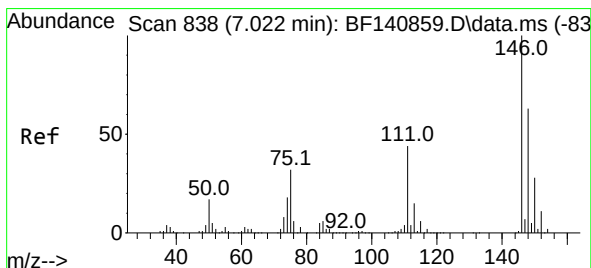
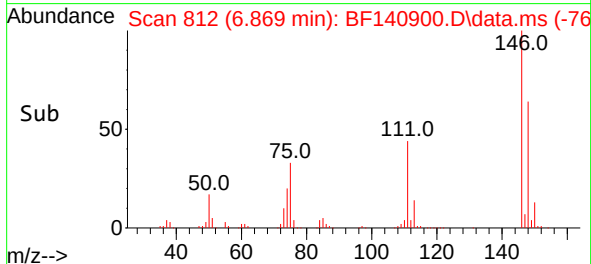
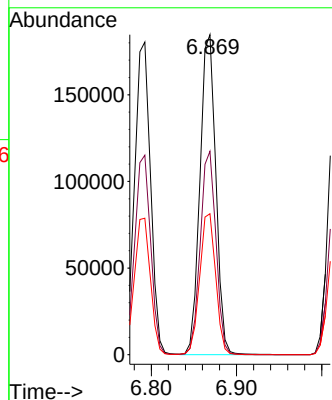
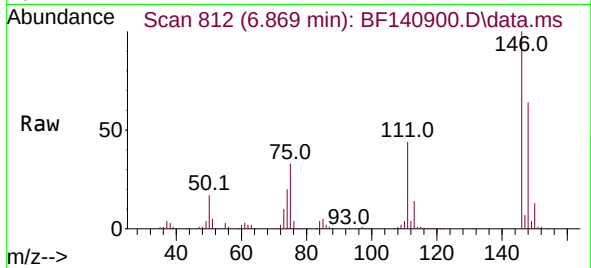




#13
1,4-Dichlorobenzene
Concen: 49.522 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

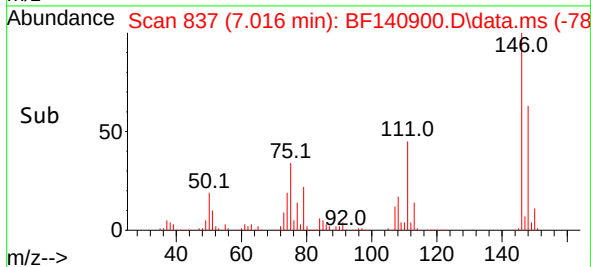
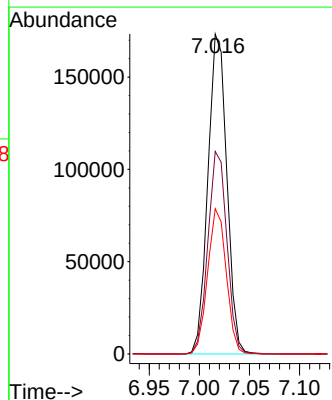
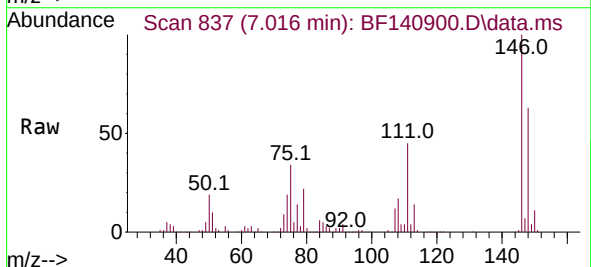
Instrument :
BNA_F
ClientSampleId :
PB165685BS

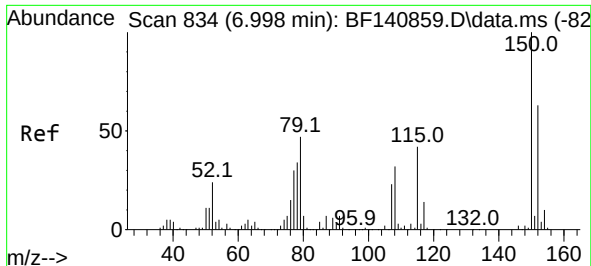
Tgt Ion:146 Resp: 238860
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
111 44.0 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 50.151 ng
RT: 7.016 min Scan# 837
Delta R.T. -0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:146 Resp: 228228
Ion Ratio Lower Upper
146 100
148 63.3 50.0 75.0
111 45.4 35.6 53.4

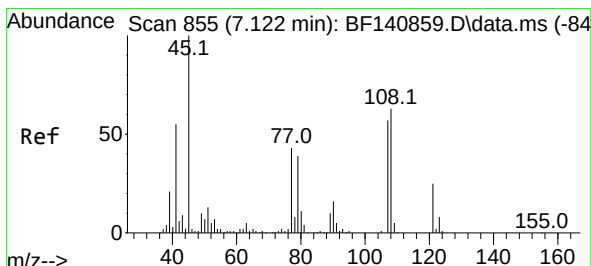
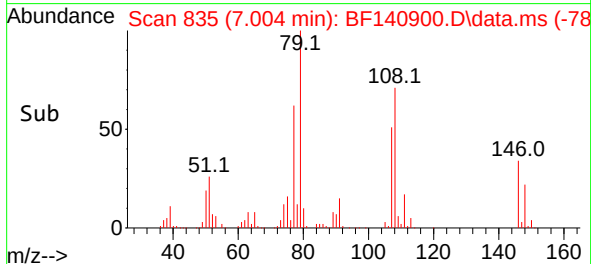
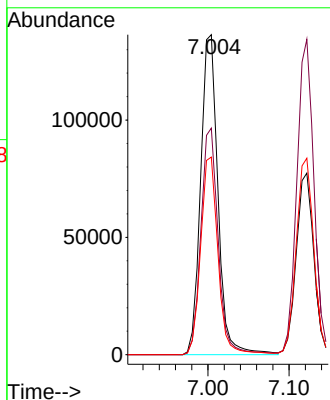
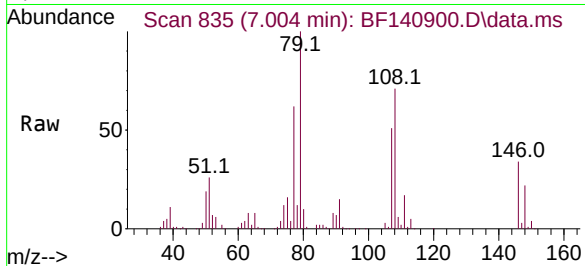




#15
Benzyl Alcohol
Concen: 55.846 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

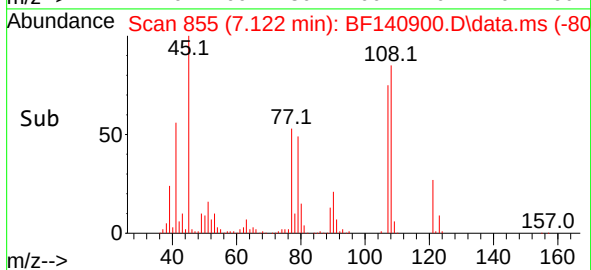
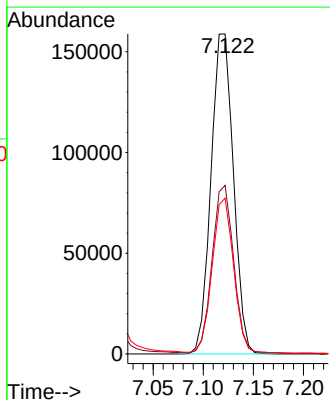
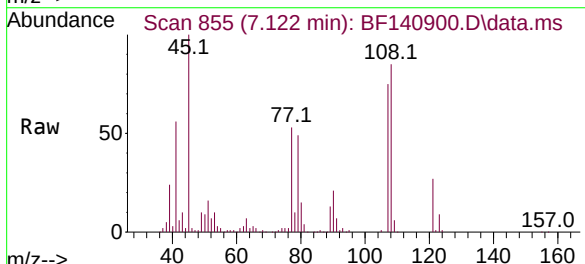
Instrument :
BNA_F
ClientSampleId :
PB165685BS

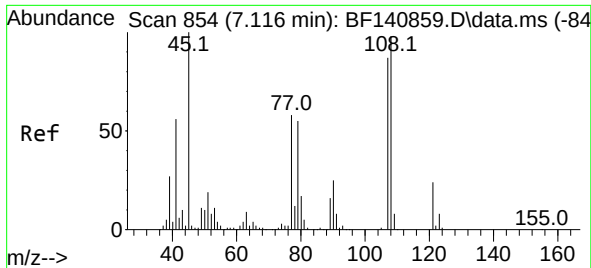
Tgt Ion: 79 Resp: 202243
Ion Ratio Lower Upper
79 100
108 70.8 55.1 82.7
77 61.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.507 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion: 45 Resp: 246762
Ion Ratio Lower Upper
45 100
77 52.7 23.3 63.3
79 48.7 20.0 60.0

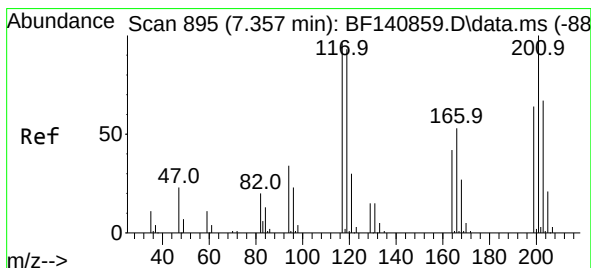
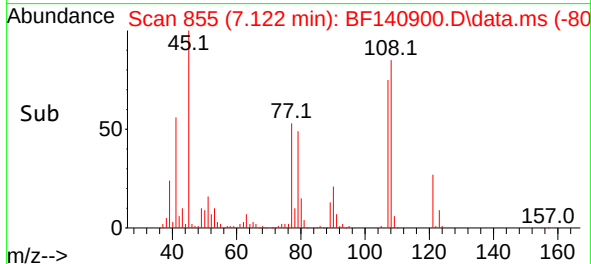
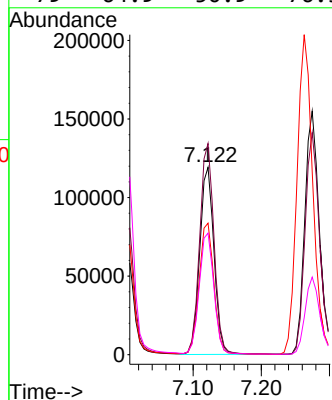
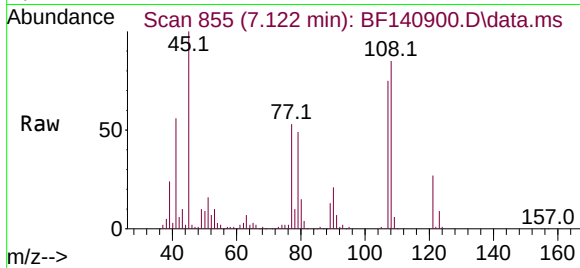




#17
2-Methylphenol
Concen: 52.251 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

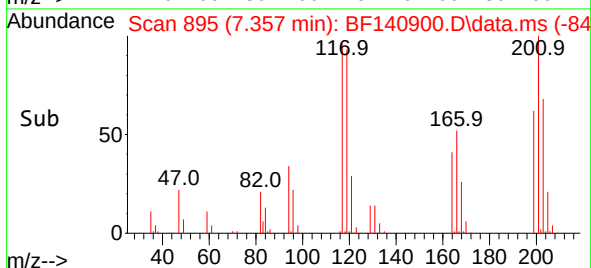
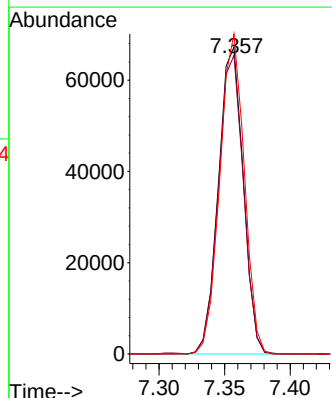
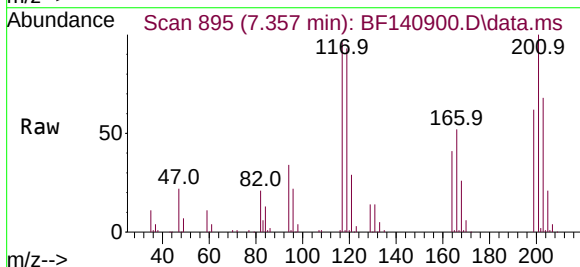
Instrument :
BNA_F
ClientSampleId :
PB165685BS

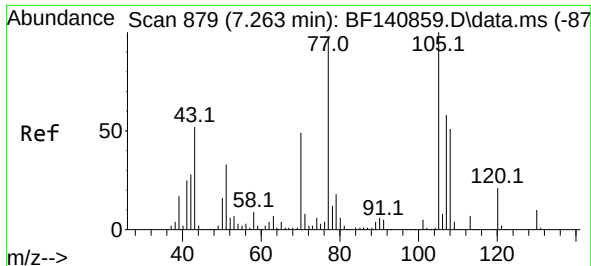
Tgt Ion:	107	Resp:	173960
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.4
77	70.2	53.8	80.6
79	64.9	50.9	76.3



#18
Hexachloroethane
Concen: 49.330 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:	117	Resp:	88578
Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.4	116.0
201	104.2	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 52.633 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140900.D

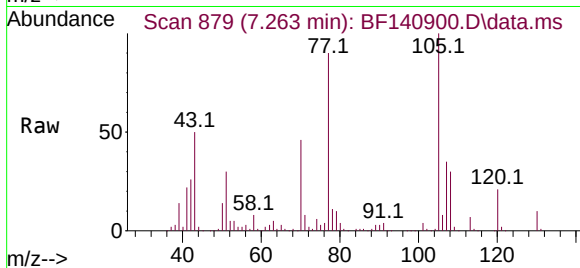
Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

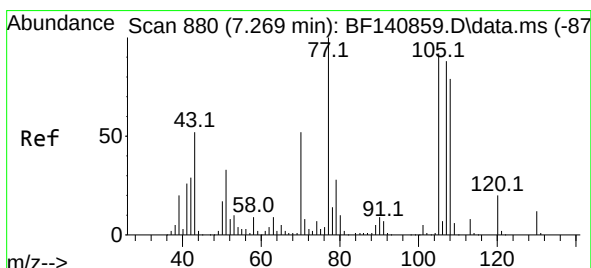
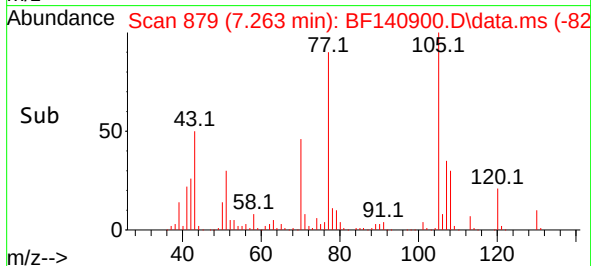
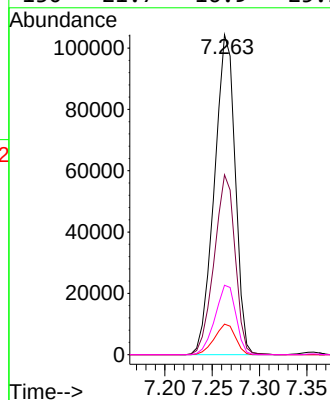
ClientSampleId :

PB165685BS



Tgt Ion: 70 Resp: 159907

Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.3	67.9
101	9.5	8.0	12.0
130	21.7	16.9	25.3



#20

3+4-Methylphenols

Concen: 52.757 ng

RT: 7.275 min Scan# 881

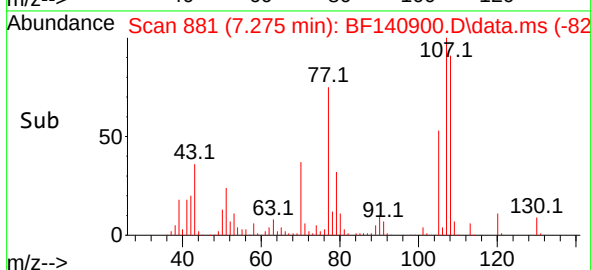
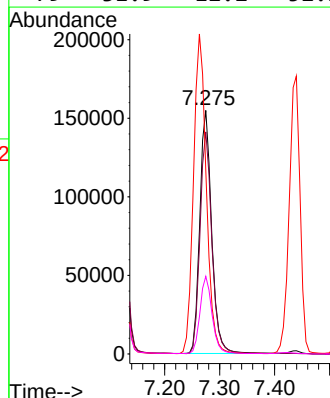
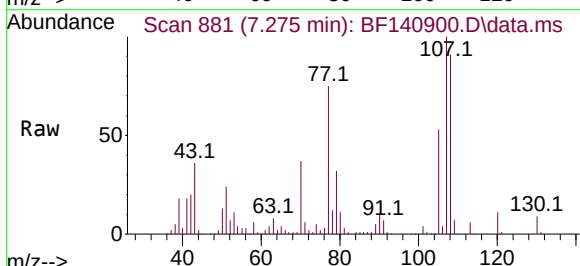
Delta R.T. 0.006 min

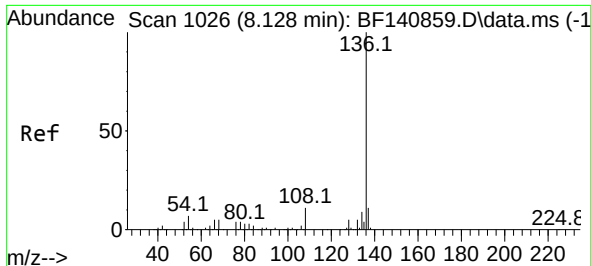
Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Tgt Ion: 107 Resp: 232910

Ion	Ratio	Lower	Upper
107	100		
108	91.2	70.1	110.1
77	75.2	94.4	134.4#
79	31.9	12.2	52.2



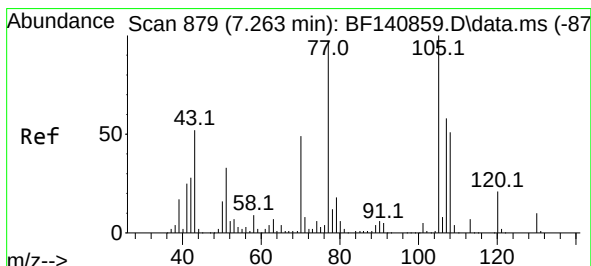
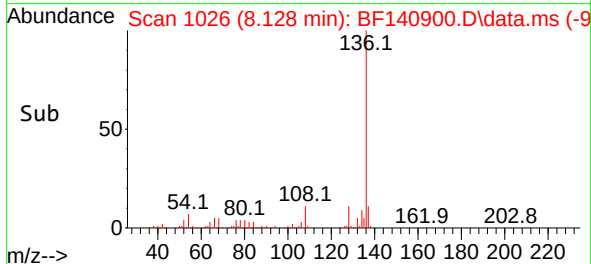
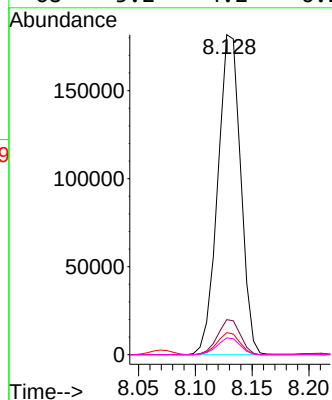
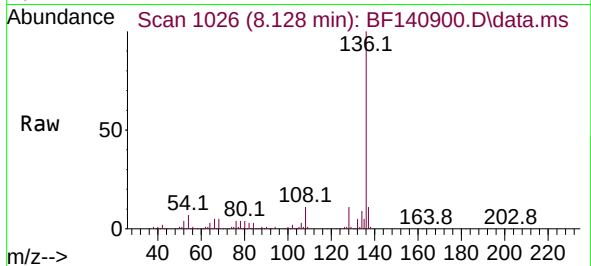


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Instrument :
BNA_F
ClientSampleId :
PB165685BS

Tgt Ion:136 Resp: 255219

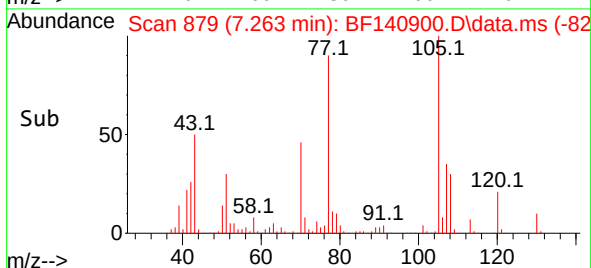
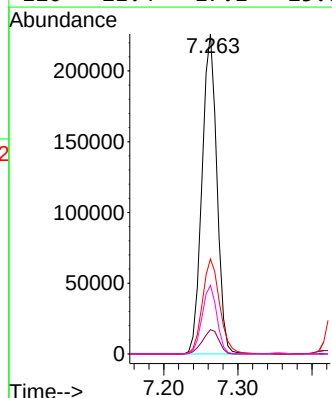
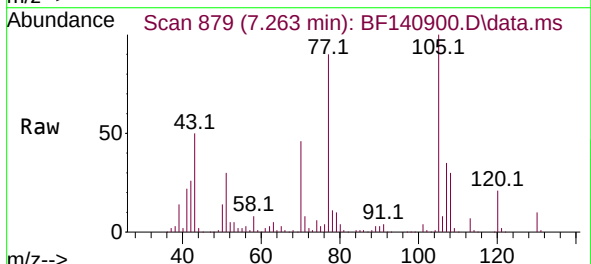
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.9	5.6	8.4
68	5.2	4.2	6.2

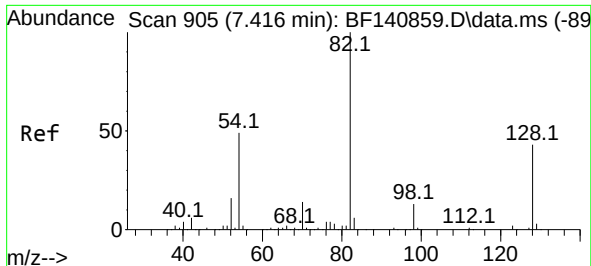


#22
Acetophenone
Concen: 49.333 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:105 Resp: 314964

Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.2	9.4
51	29.7	26.3	39.5
120	21.4	17.1	25.7

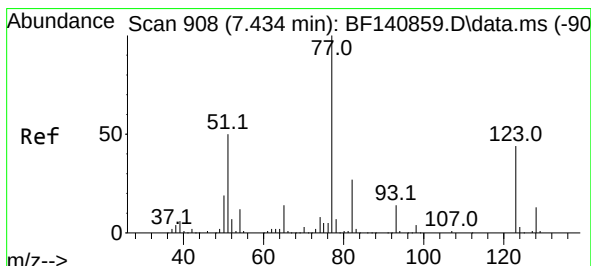
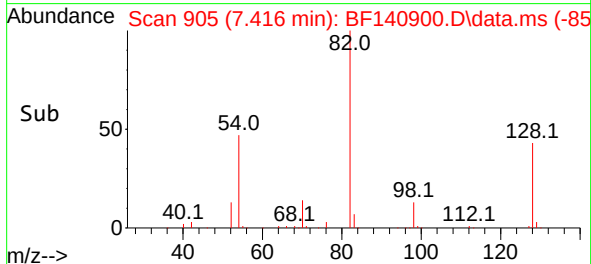
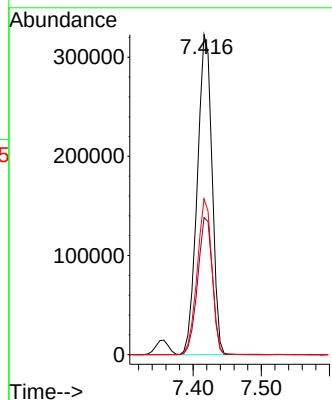
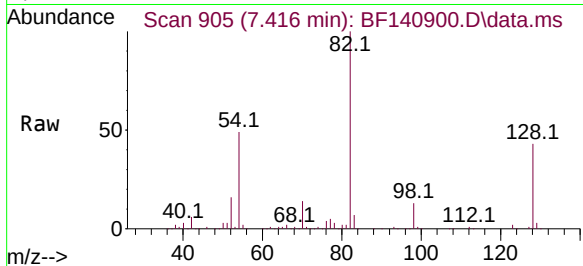




#23
 Nitrobenzene-d5
 Concen: 95.026 ng
 RT: 7.416 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: BF140900.D
 Acq: 18 Dec 2024 12:45

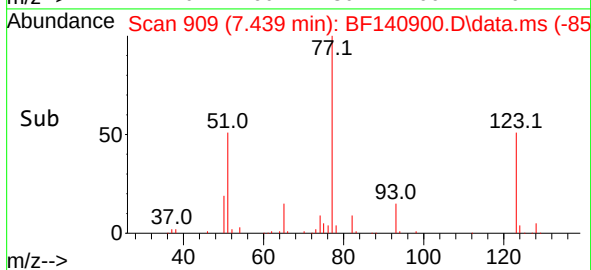
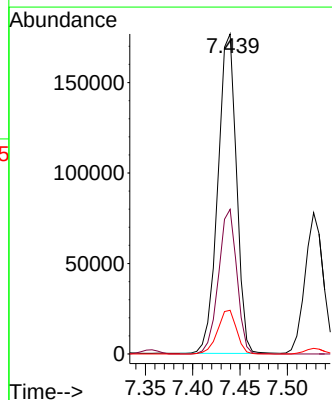
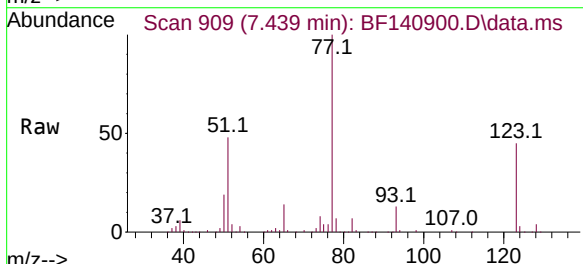
Instrument :
 BNA_F
 ClientSampleId :
 PB165685BS

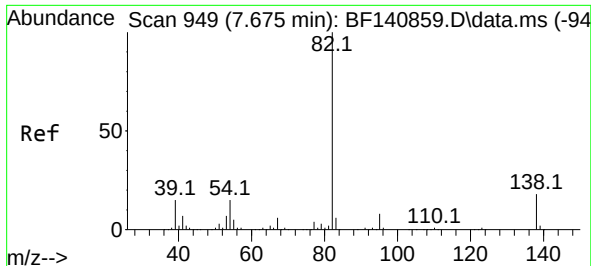
Tgt Ion: 82 Resp: 484747
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.4 51.6
 54 48.7 38.8 58.2



#24
 Nitrobenzene
 Concen: 46.322 ng
 RT: 7.439 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: BF140900.D
 Acq: 18 Dec 2024 12:45

Tgt Ion: 77 Resp: 242078
 Ion Ratio Lower Upper
 77 100
 123 45.2 35.0 52.4
 65 13.7 11.4 17.0

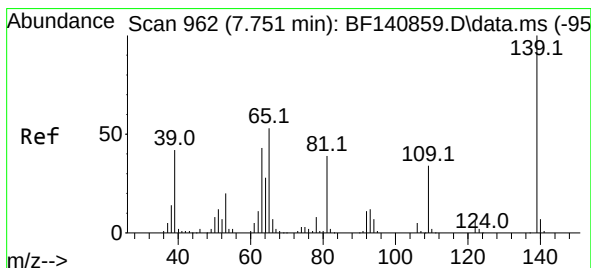
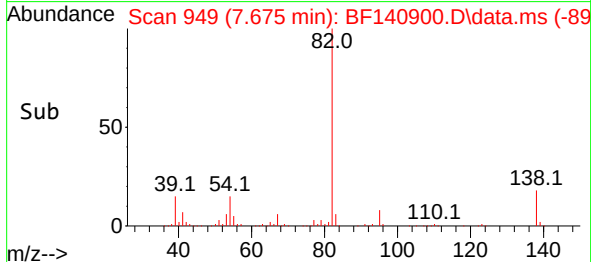
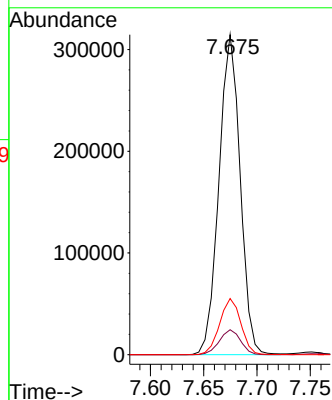
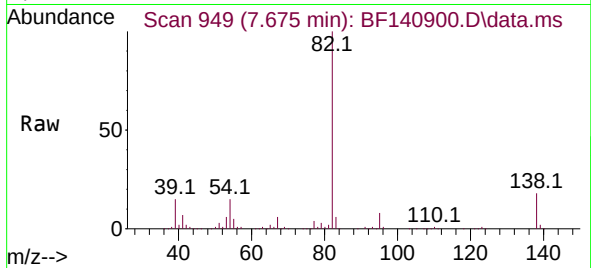




#25
Isophorone
Concen: 50.865 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

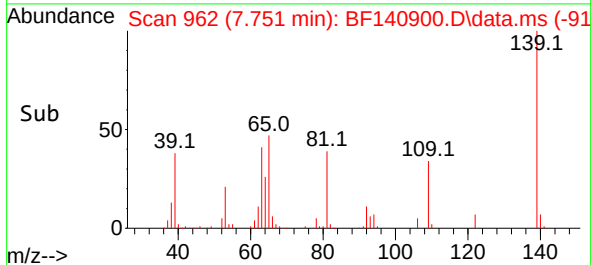
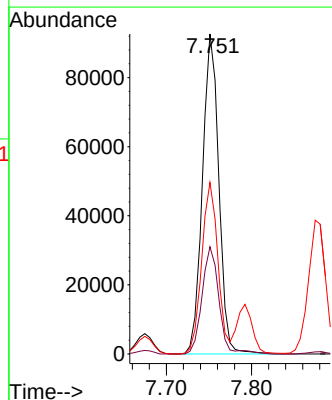
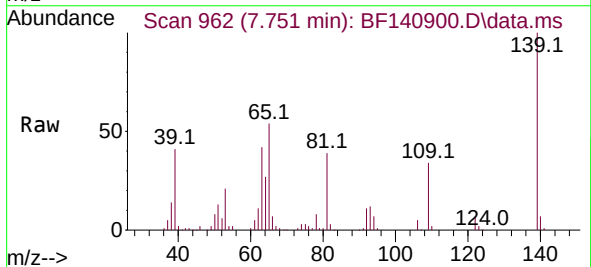
Instrument :
BNA_F
ClientSampleId :
PB165685BS

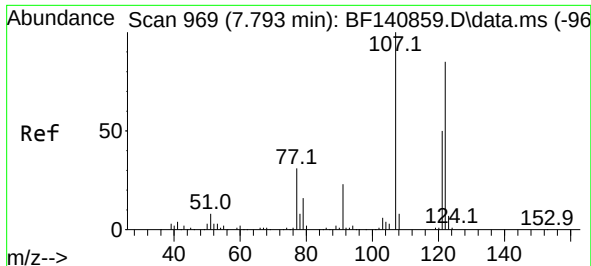
Tgt Ion: 82 Resp: 434761
Ion Ratio Lower Upper
82 100
95 7.8 6.3 9.5
138 17.5 14.1 21.1



#26
2-Nitrophenol
Concen: 51.420 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:139 Resp: 123765
Ion Ratio Lower Upper
139 100
109 33.5 26.9 40.3
65 53.6 42.6 64.0

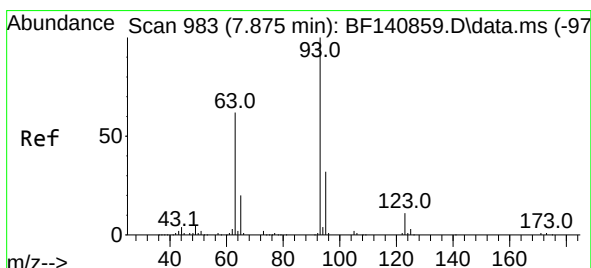
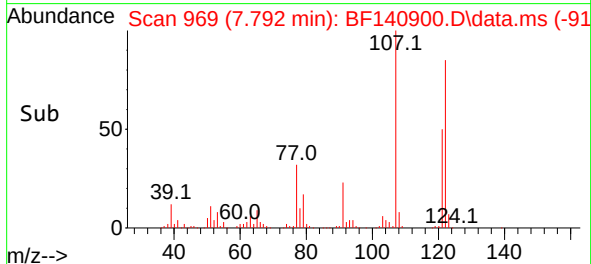
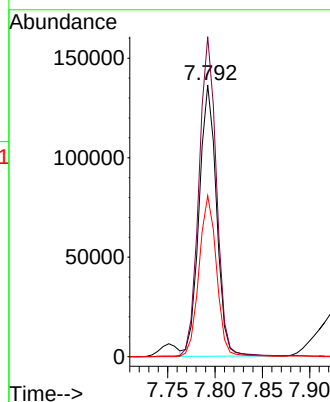
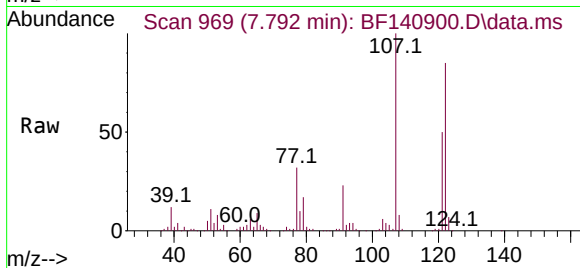




#27
2,4-Dimethylphenol
Concen: 62.002 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

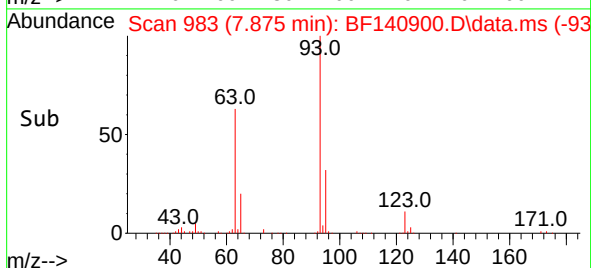
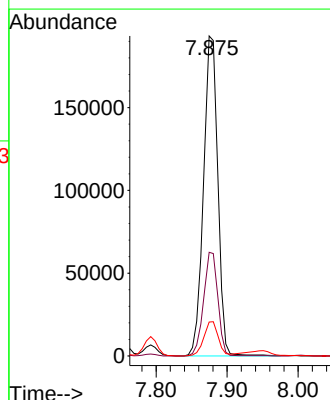
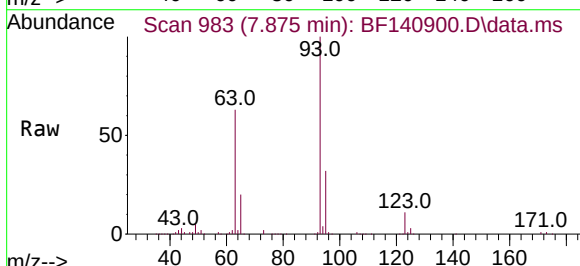
Instrument :
BNA_F
ClientSampleId :
PB165685BS

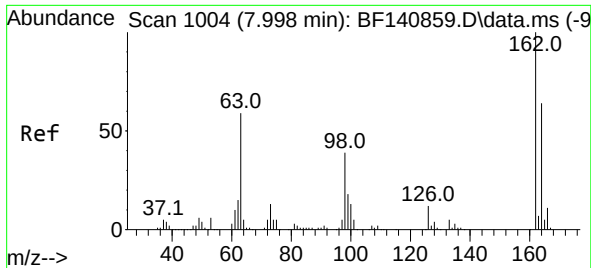
Tgt Ion:122 Resp: 174282
Ion Ratio Lower Upper
122 100
107 117.8 92.6 139.0
121 59.2 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.942 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion: 93 Resp: 271953
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.6 8.6 13.0

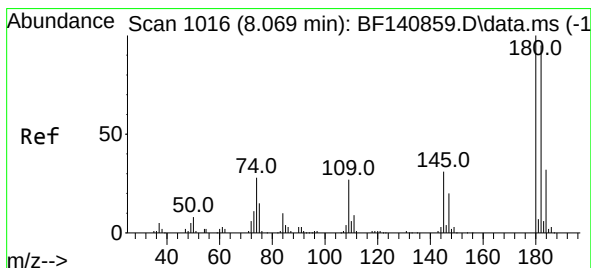
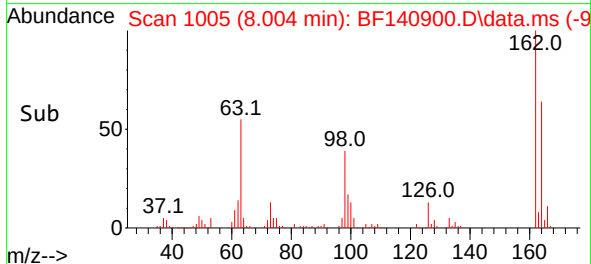
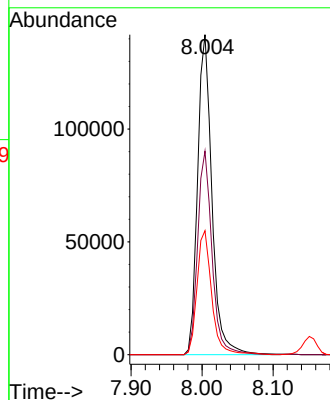
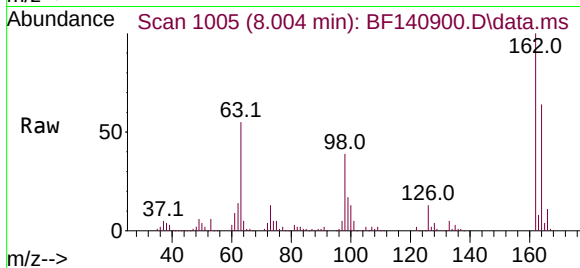




#29
2,4-Dichlorophenol
Concen: 51.614 ng
RT: 8.004 min Scan# 1005
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

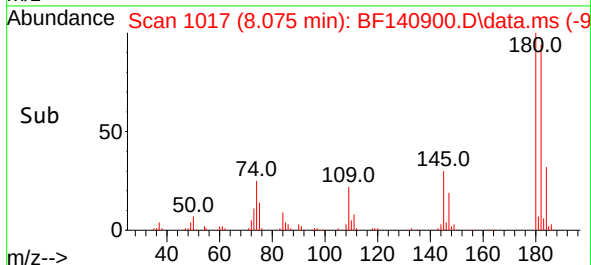
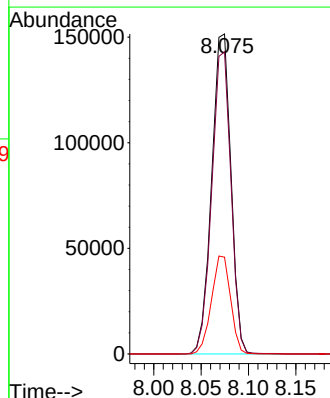
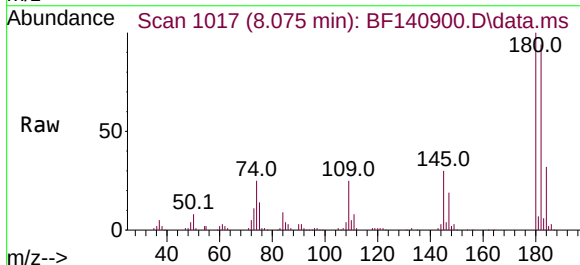
Instrument :
BNA_F
ClientSampleId :
PB165685BS

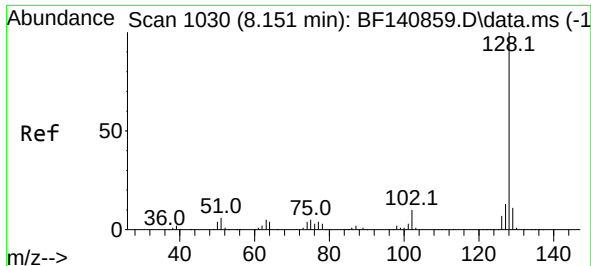
Tgt Ion:162 Resp: 200303
Ion Ratio Lower Upper
162 100
164 63.6 43.7 83.7
98 38.8 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 48.297 ng
RT: 8.075 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:180 Resp: 214861
Ion Ratio Lower Upper
180 100
182 94.4 75.8 113.6
145 30.3 25.2 37.8

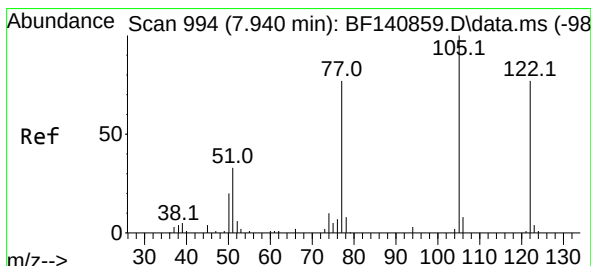
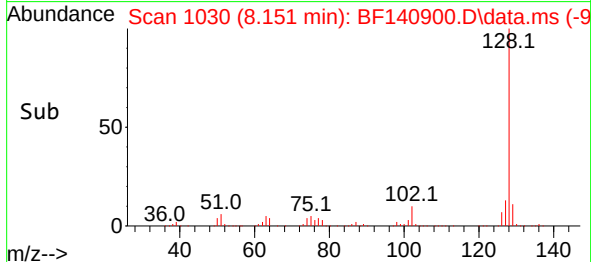
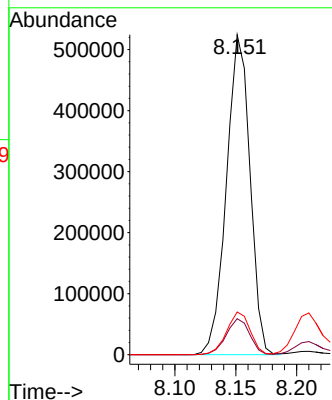
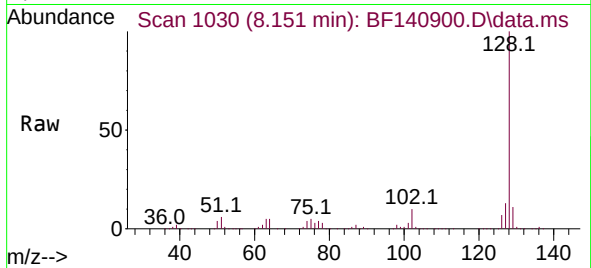




#31
Naphthalene
Concen: 50.324 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

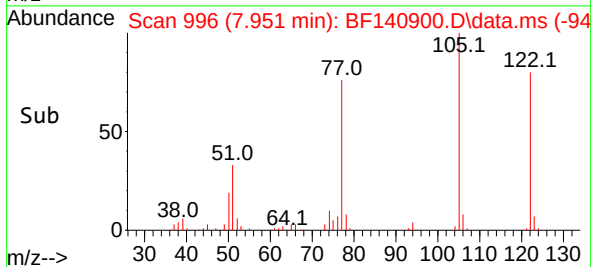
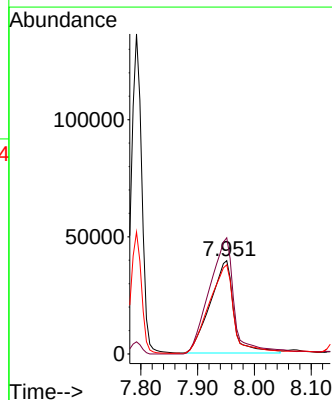
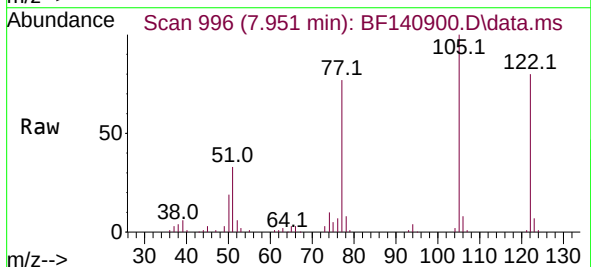
Instrument :
BNA_F
ClientSampleId :
PB165685BS

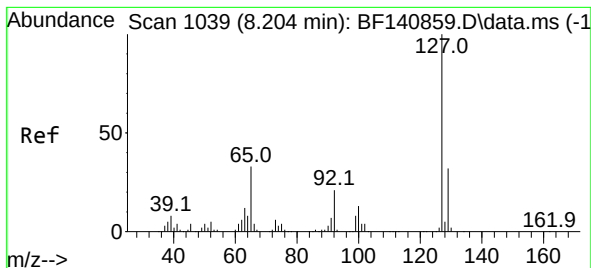
Tgt Ion:128 Resp: 705518
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 42.925 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.011 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:122 Resp: 114434
Ion Ratio Lower Upper
122 100
105 124.4 108.3 148.3
77 95.6 78.8 118.8





#33

4-Chloroaniline

Concen: 28.540 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

Tgt Ion:127 Resp: 132891

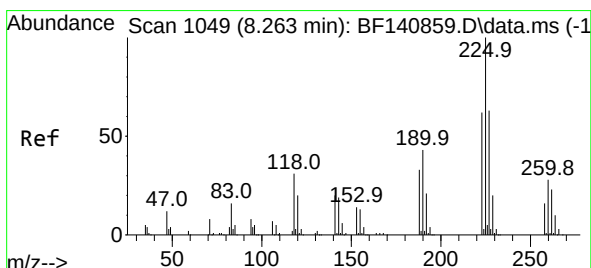
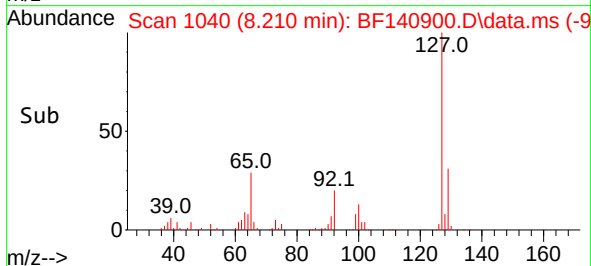
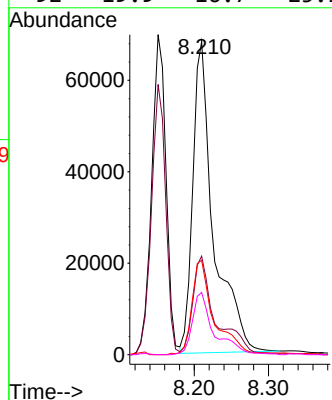
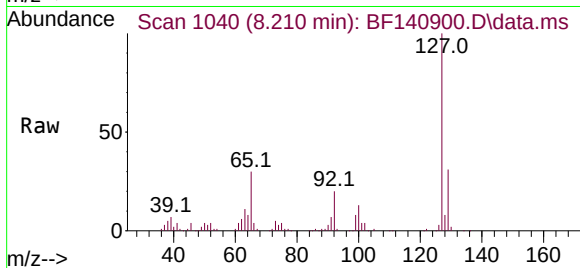
Ion Ratio Lower Upper

127 100

129 31.5 26.0 39.0

65 30.1 26.0 39.0

92 19.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 46.898 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

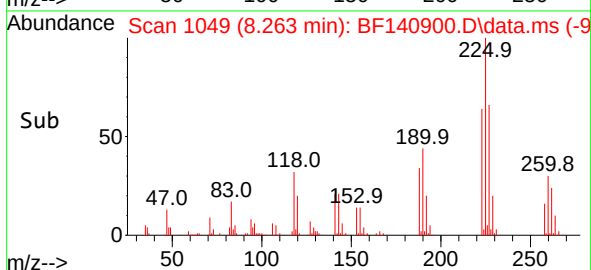
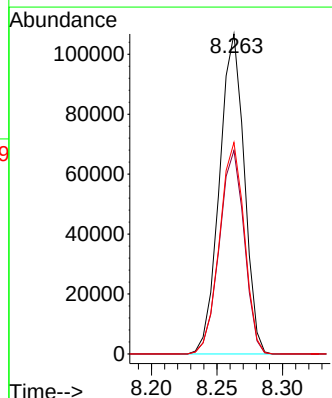
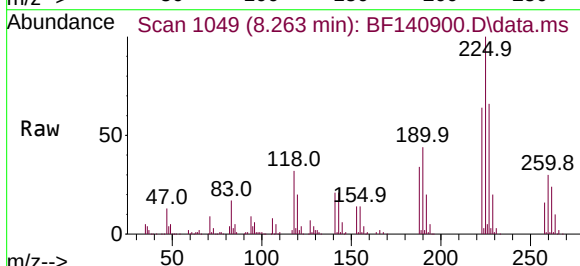
Tgt Ion:225 Resp: 140372

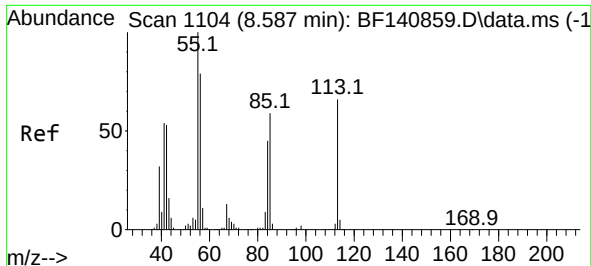
Ion Ratio Lower Upper

225 100

223 63.6 49.6 74.4

227 66.1 50.7 76.1

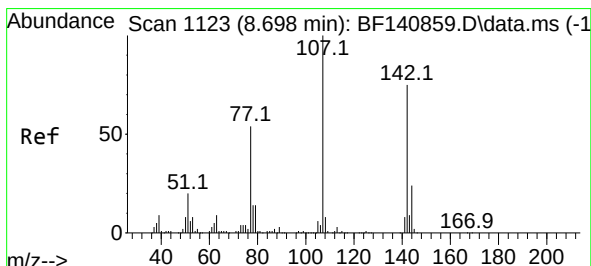
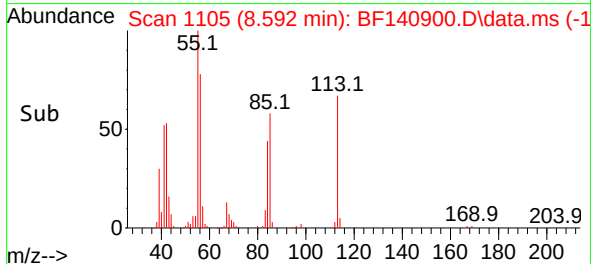
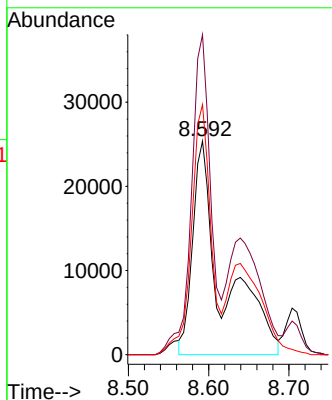
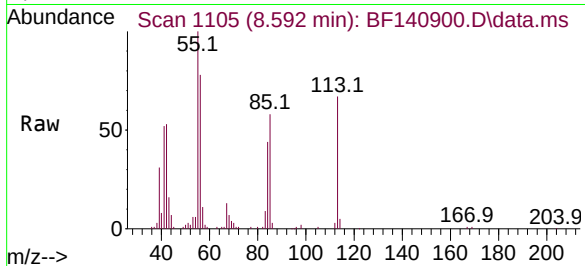




#35
 Caprolactam
 Concen: 56.810 ng m
 RT: 8.592 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: BF140900.D
 Acq: 18 Dec 2024 12:45

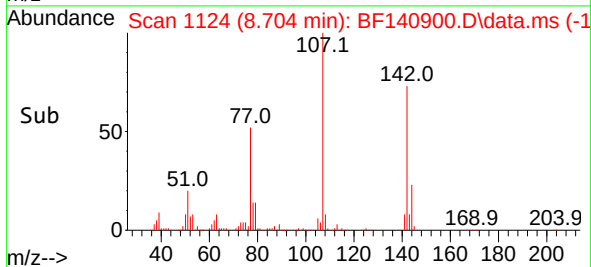
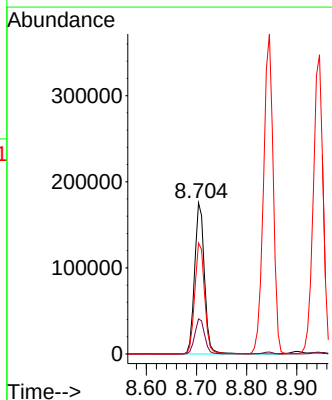
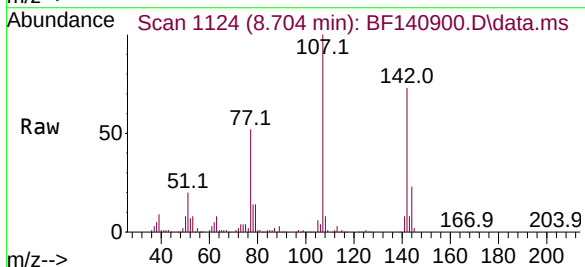
Instrument :
 BNA_F
 ClientSampleId :
 PB165685BS

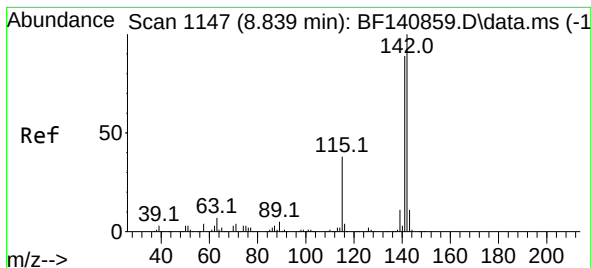
Tgt Ion:113 Resp: 65634
 Ion Ratio Lower Upper
 113 100
 55 149.8 132.3 172.3
 56 117.1 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 54.662 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140900.D
 Acq: 18 Dec 2024 12:45

Tgt Ion:107 Resp: 238754
 Ion Ratio Lower Upper
 107 100
 144 23.1 19.4 29.2
 142 73.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 53.717 ng

RT: 8.845 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

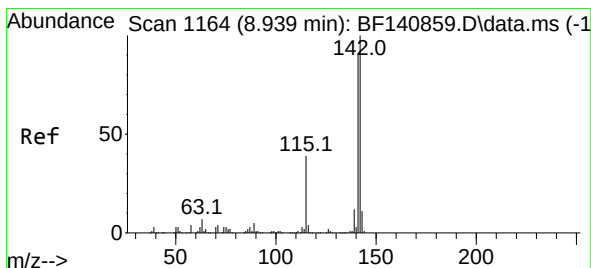
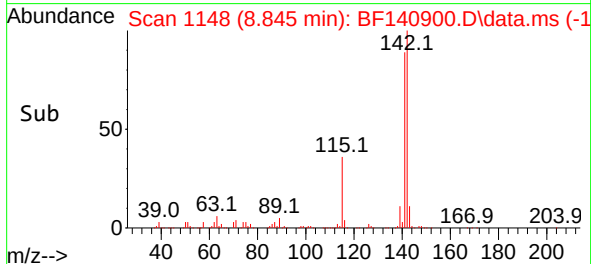
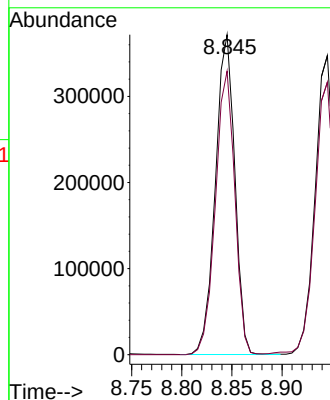
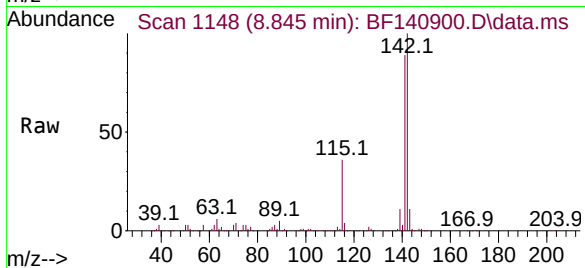
PB165685BS

Tgt Ion:142 Resp: 498162

Ion Ratio Lower Upper

142 100

141 88.6 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.831 ng

RT: 8.945 min Scan# 1165

Delta R.T. 0.006 min

Lab File: BF140900.D

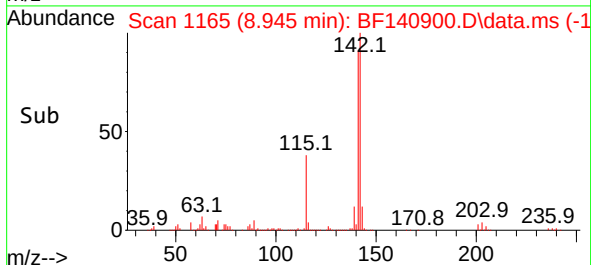
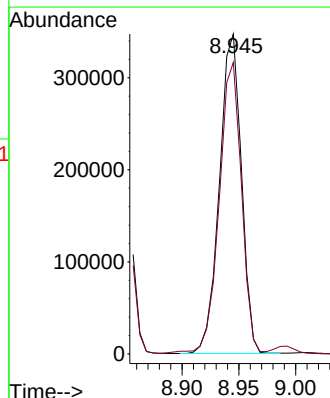
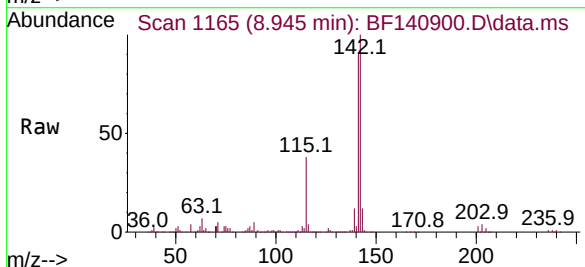
Acq: 18 Dec 2024 12:45

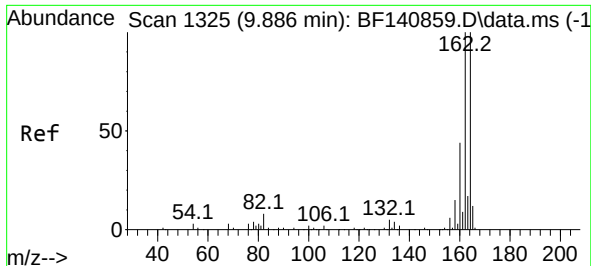
Tgt Ion:142 Resp: 466204

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.0

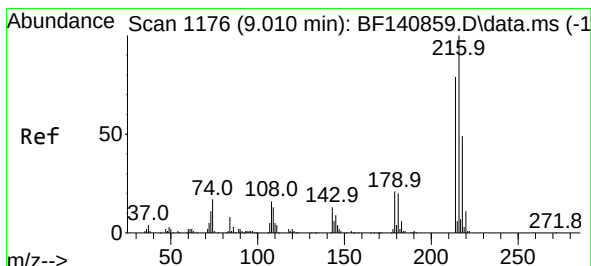
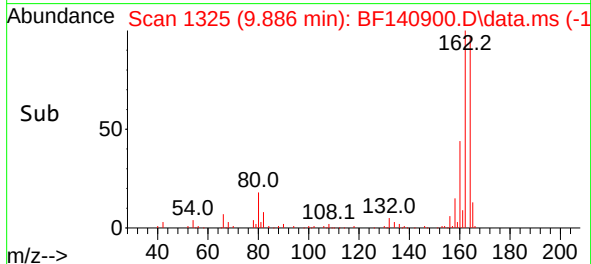
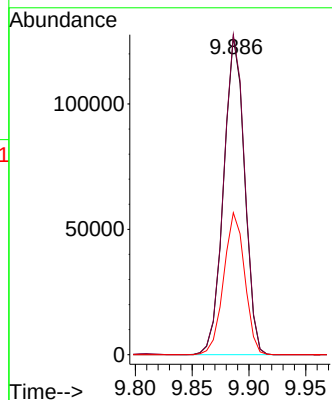
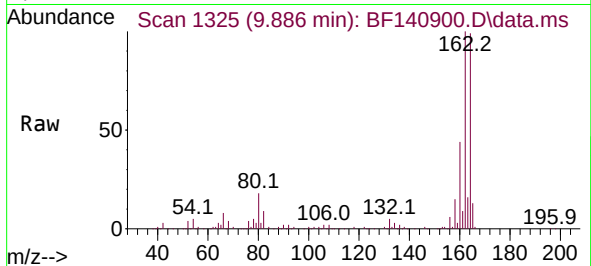




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

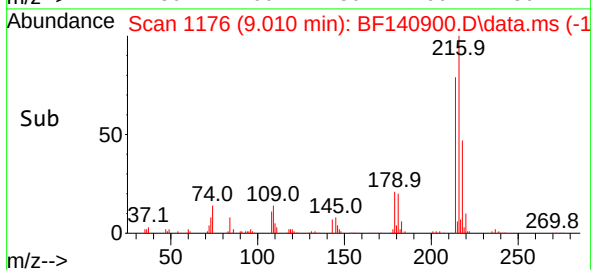
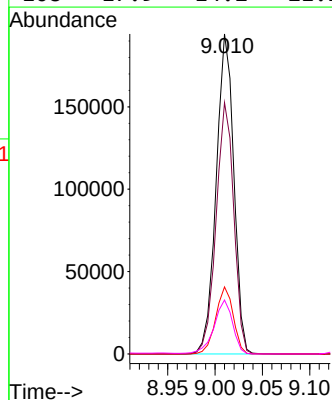
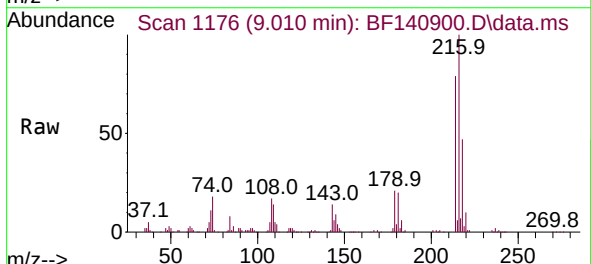
Instrument :
BNA_F
ClientSampleId :
PB165685BS

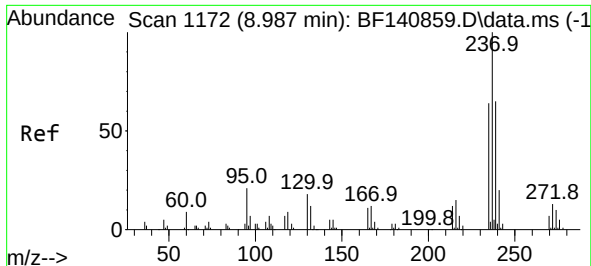
Tgt Ion:164 Resp: 162588
Ion Ratio Lower Upper
164 100
162 100.6 79.9 119.9
160 44.6 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.416 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:216 Resp: 251947
Ion Ratio Lower Upper
216 100
214 78.8 63.6 95.4
179 20.8 17.0 25.4
108 17.9 14.2 21.2

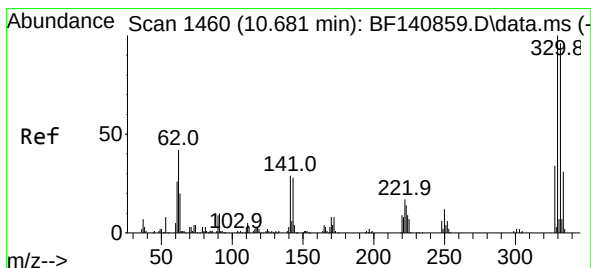
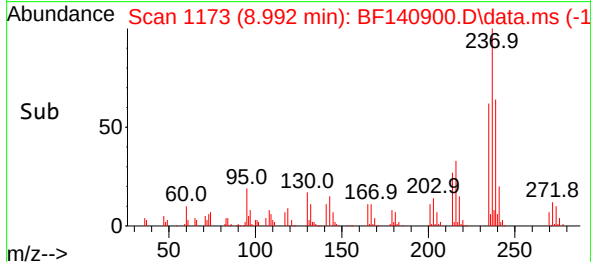
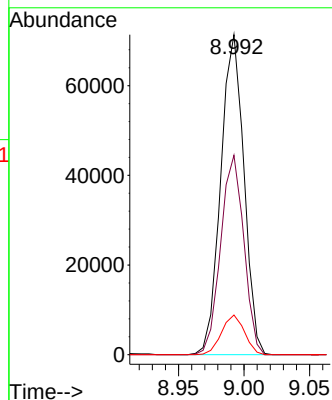
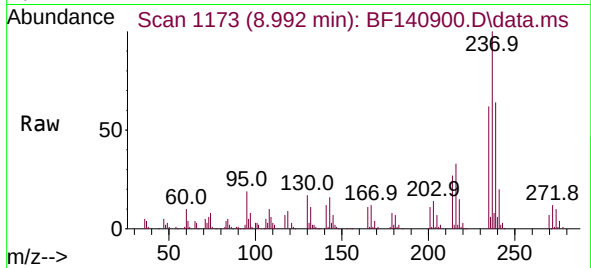




#41
Hexachlorocyclopentadiene
Concen: 59.492 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

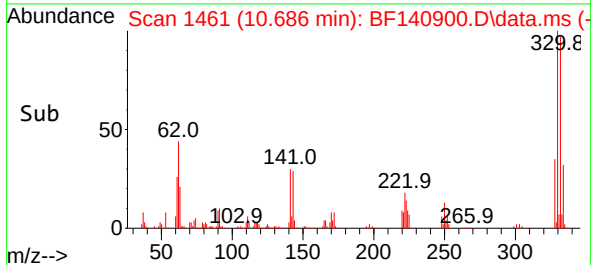
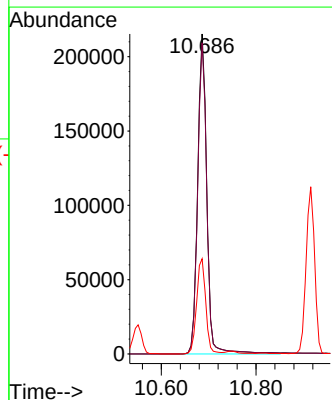
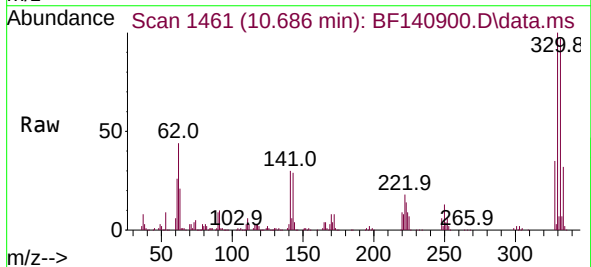
Instrument :
BNA_F
ClientSampleId :
PB165685BS

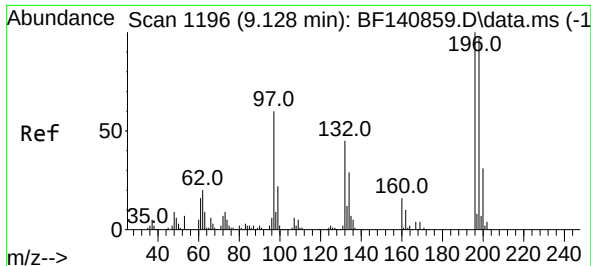
Tgt Ion:237 Resp: 87723
Ion Ratio Lower Upper
237 100
235 62.3 43.7 83.7
272 12.4 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 150.578 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:330 Resp: 289555
Ion Ratio Lower Upper
330 100
332 97.7 76.2 114.4
141 29.8 24.9 37.3

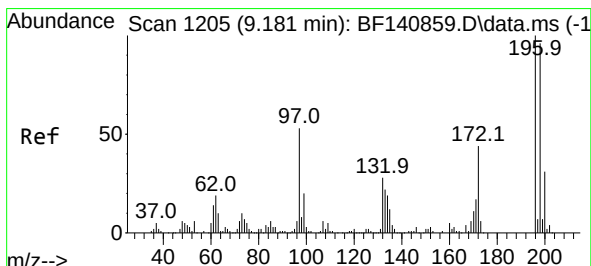
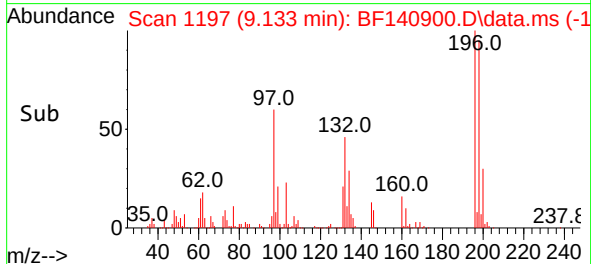
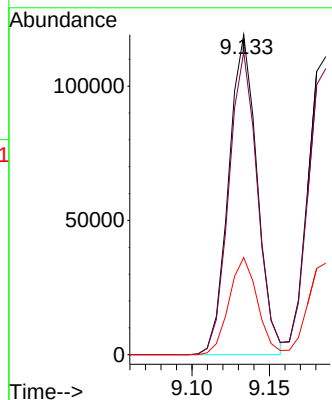
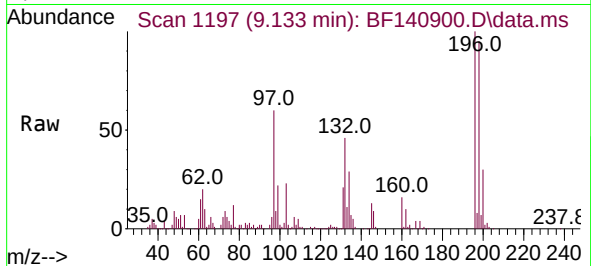




#43
2,4,6-Trichlorophenol
Concen: 49.719 ng
RT: 9.133 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

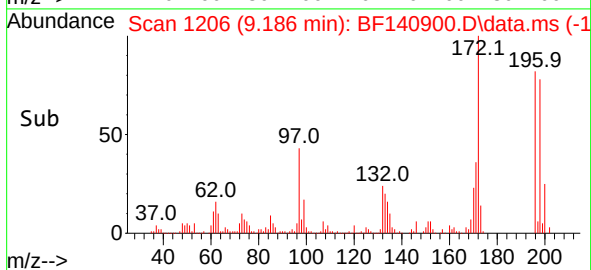
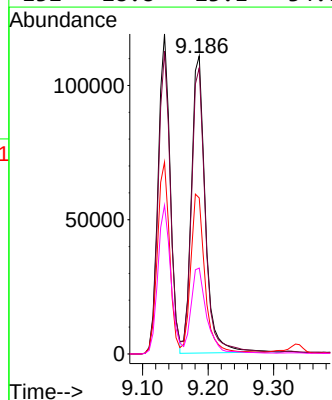
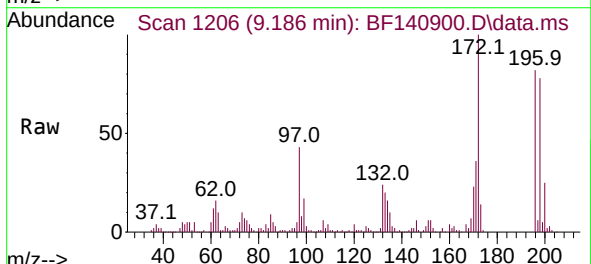
Instrument :
BNA_F
ClientSampleId :
PB165685BS

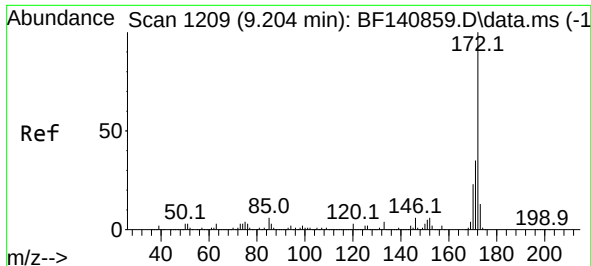
Tgt Ion:196 Resp: 152139
Ion Ratio Lower Upper
196 100
198 94.6 77.4 116.0
200 30.3 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 48.594 ng
RT: 9.186 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:196 Resp: 163439
Ion Ratio Lower Upper
196 100
198 96.0 77.2 115.8
97 52.3 42.2 63.4
132 28.8 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 95.907 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

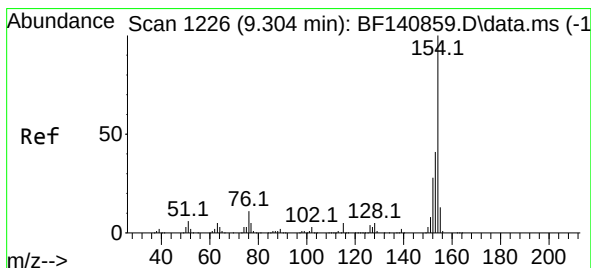
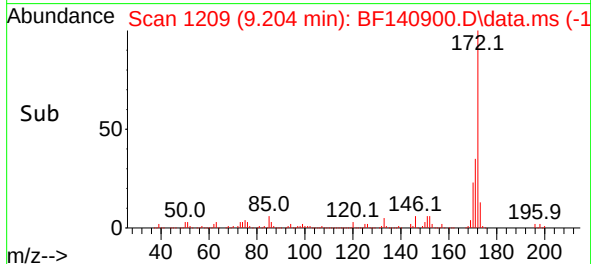
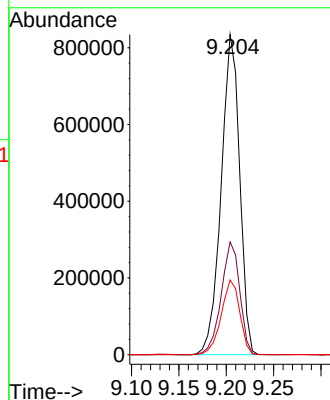
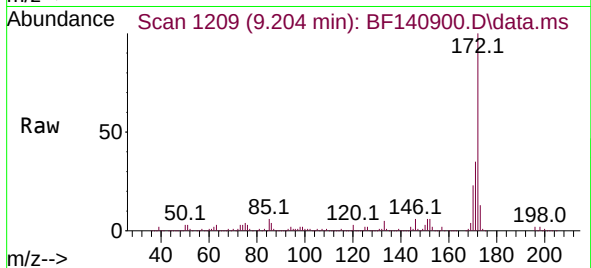
Tgt Ion:172 Resp: 1134179

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.4 18.6 28.0



#46

1,1'-Biphenyl

Concen: 51.868 ng

RT: 9.310 min Scan# 1227

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

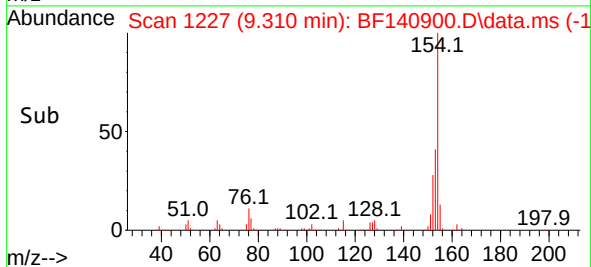
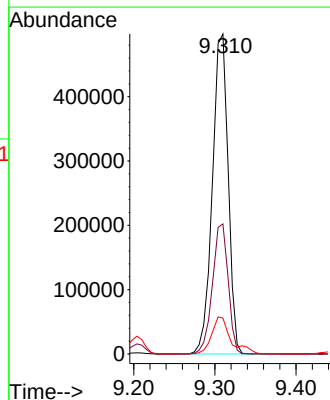
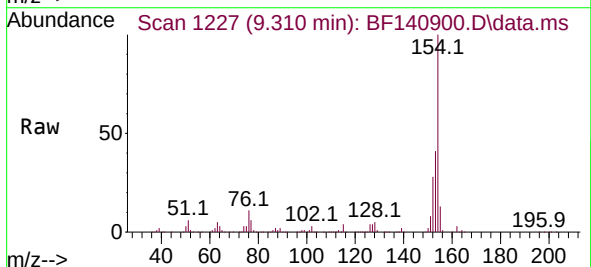
Tgt Ion:154 Resp: 670587

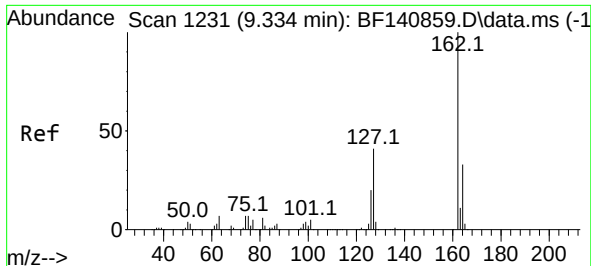
Ion Ratio Lower Upper

154 100

153 40.6 20.8 60.8

76 11.2 0.0 31.0

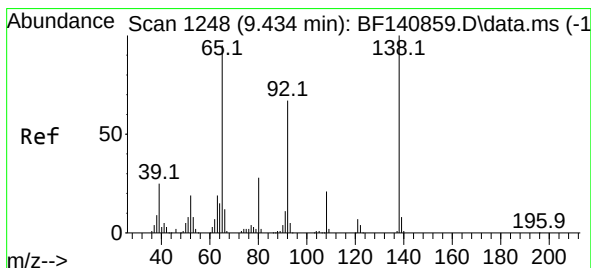
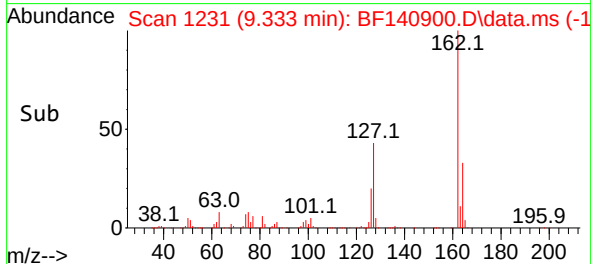
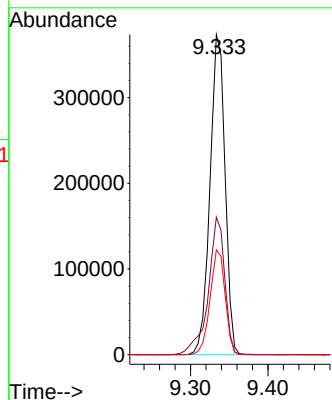
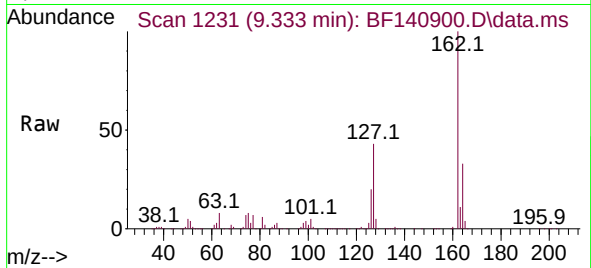




#47
2-Chloronaphthalene
Concen: 51.075 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

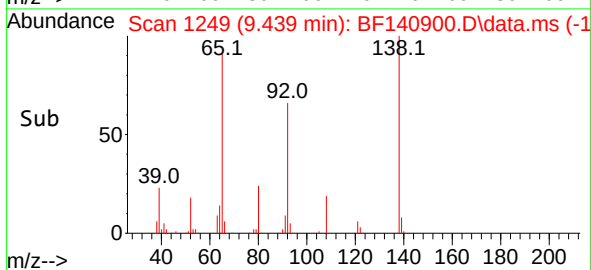
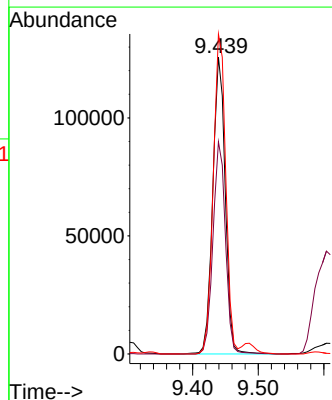
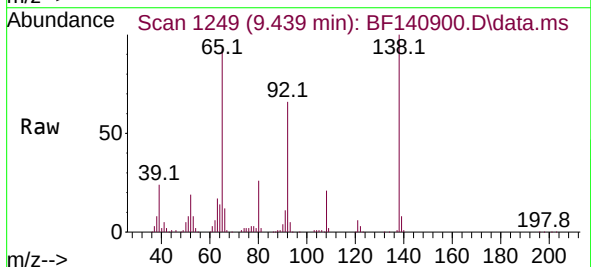
Instrument :
BNA_F
ClientSampleId :
PB165685BS

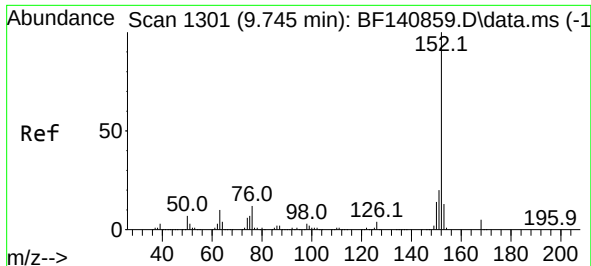
Tgt Ion:162 Resp: 505171
Ion Ratio Lower Upper
162 100
127 43.0 33.5 50.3
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 55.837 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion: 65 Resp: 166791
Ion Ratio Lower Upper
65 100
92 71.5 56.3 84.5
138 107.8 83.8 125.6

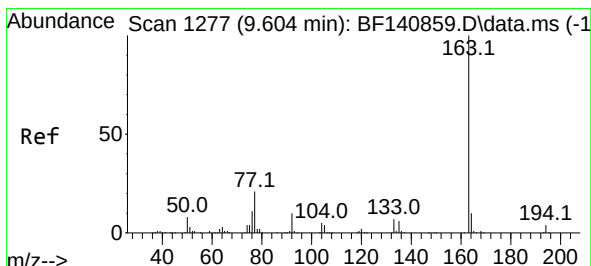
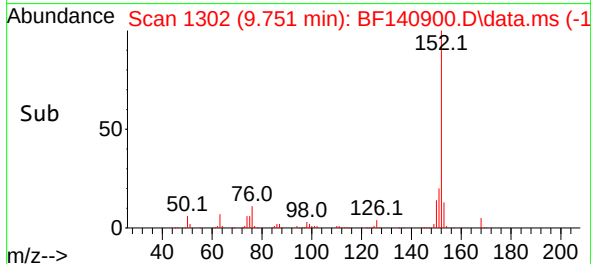
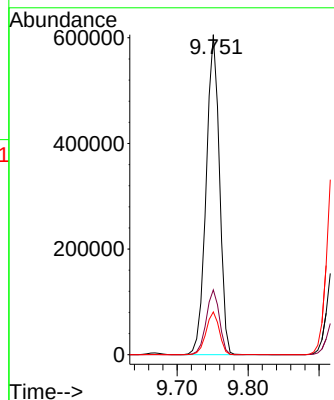
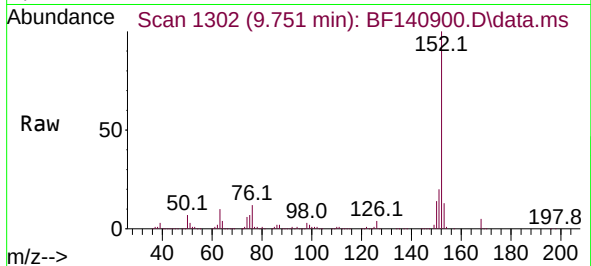




#49
Acenaphthylene
Concen: 54.275 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

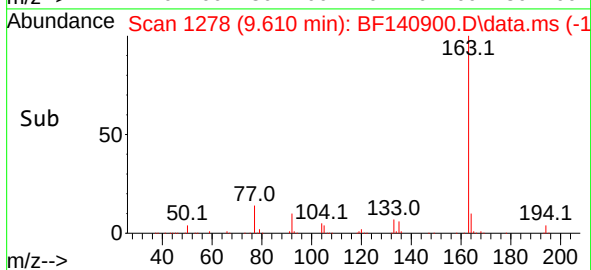
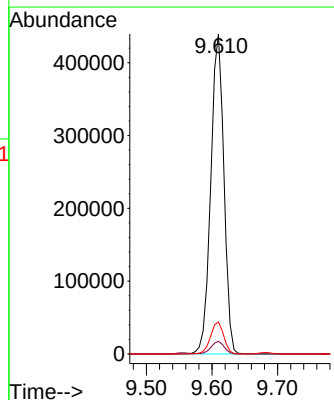
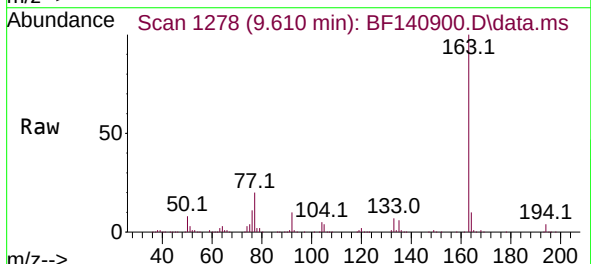
Instrument :
BNA_F
ClientSampleId :
PB165685BS

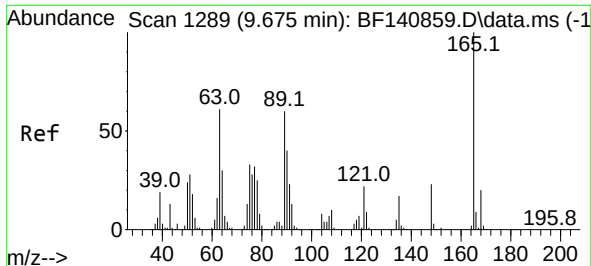
Tgt Ion:152 Resp: 788892
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.4 10.6 16.0



#50
Dimethylphthalate
Concen: 53.369 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:163 Resp: 611756
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 52.214 ng

RT: 9.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

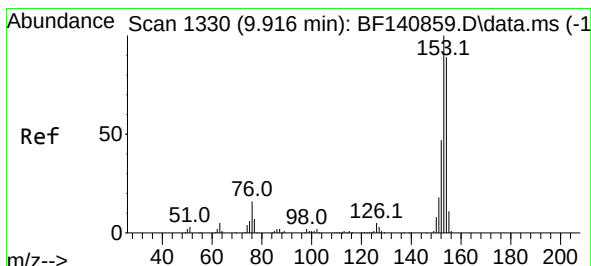
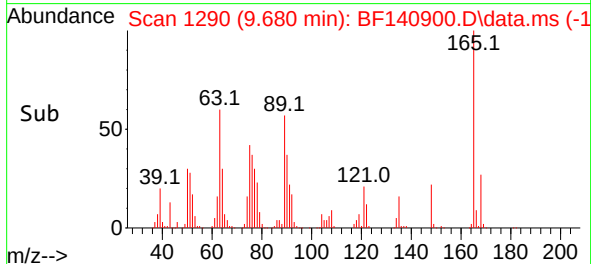
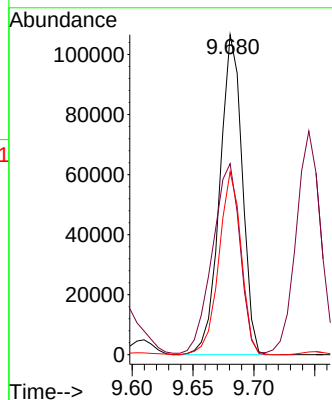
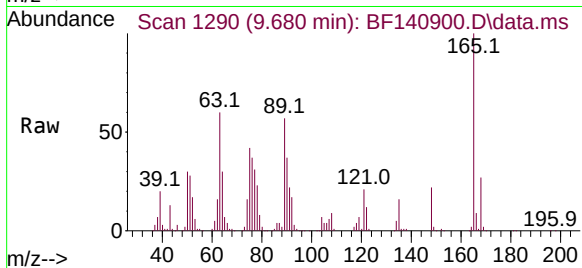
Tgt Ion:165 Resp: 136826

Ion Ratio Lower Upper

165 100

63 59.7 49.7 74.5

89 57.1 48.2 72.4



#52

Acenaphthene

Concen: 51.810 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

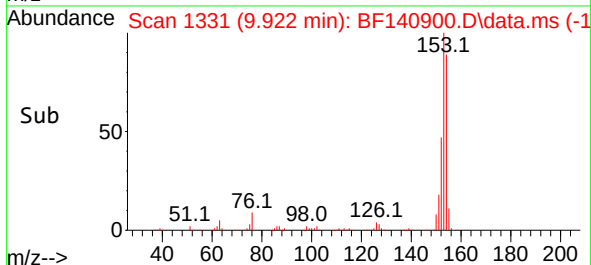
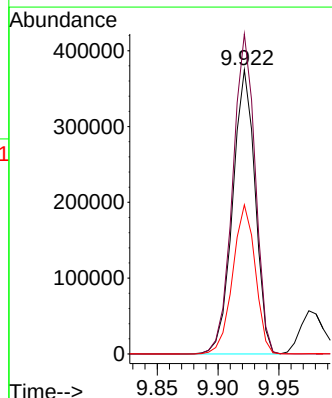
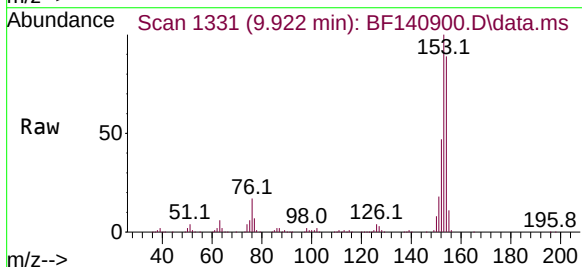
Tgt Ion:154 Resp: 481038

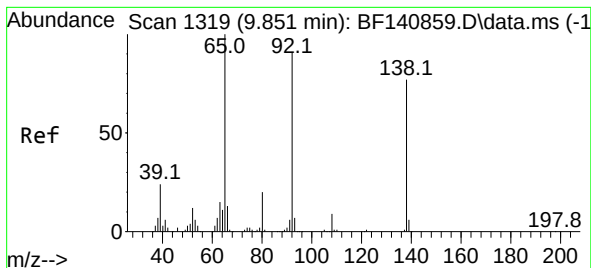
Ion Ratio Lower Upper

154 100

153 112.6 89.9 134.9

152 52.5 42.6 63.8





#53

3-Nitroaniline

Concen: 33.349 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

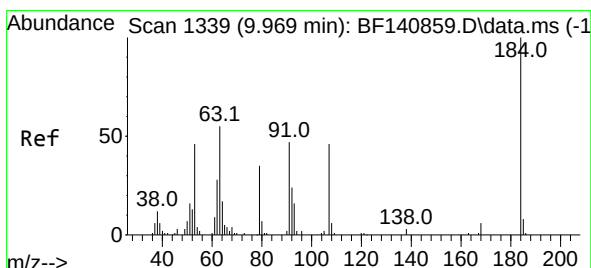
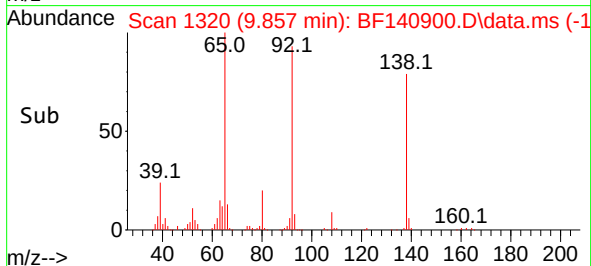
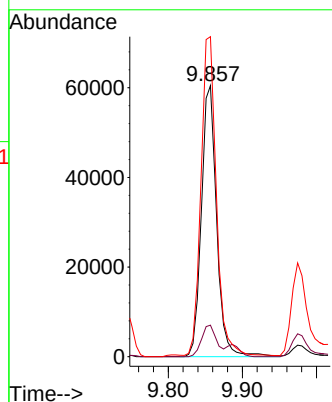
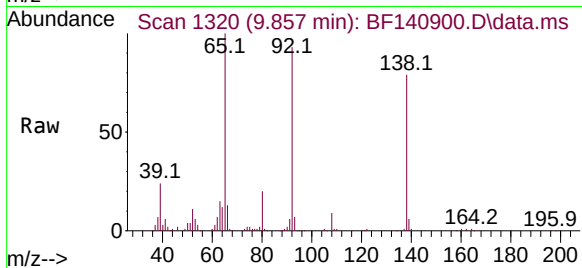
Tgt Ion:138 Resp: 86727

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 118.1 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 102.617 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

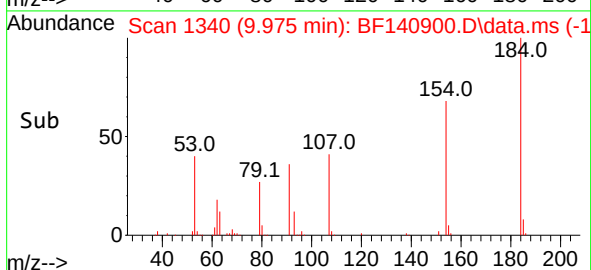
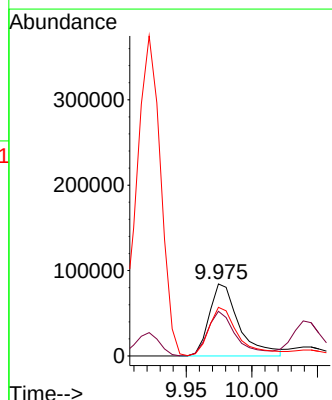
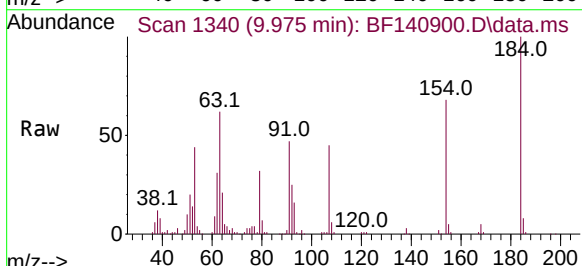
Tgt Ion:184 Resp: 133782

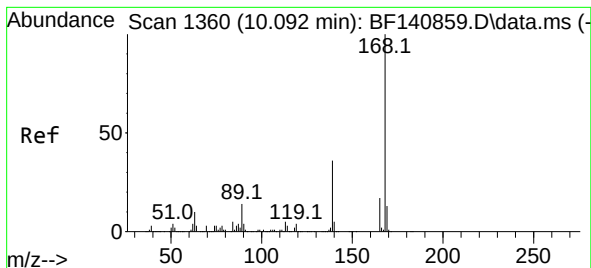
Ion Ratio Lower Upper

184 100

63 62.0 51.6 77.4

154 67.6 56.1 84.1





#55

Dibenzofuran

Concen: 52.121 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

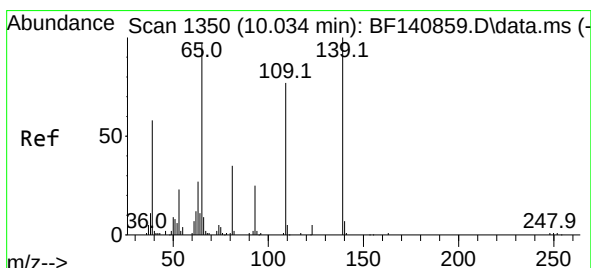
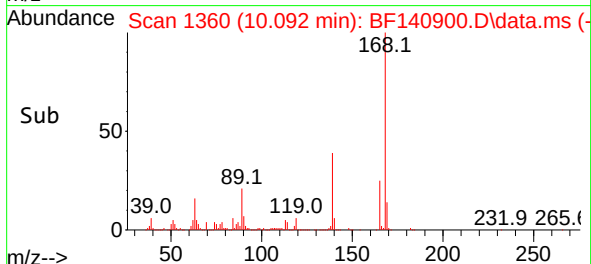
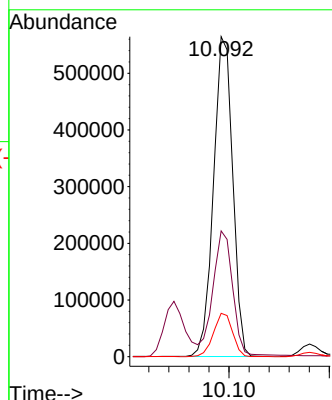
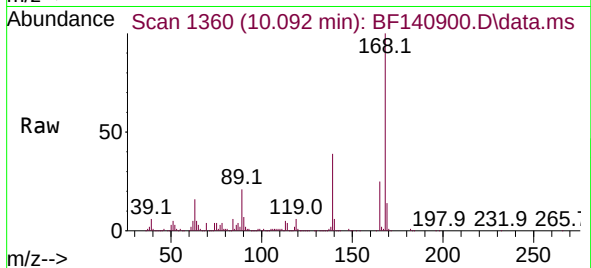
Tgt Ion:168 Resp: 749870

Ion Ratio Lower Upper

168 100

139 39.3 31.1 46.7

169 13.6 10.6 16.0



#56

4-Nitrophenol

Concen: 101.113 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

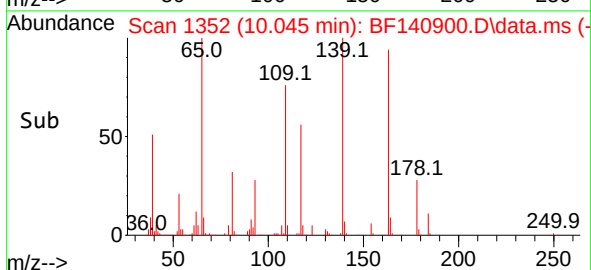
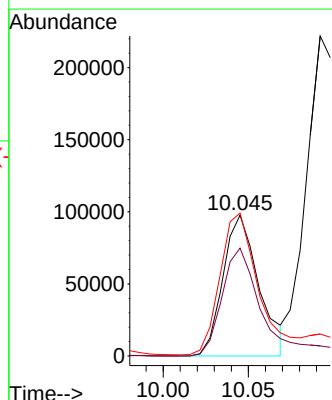
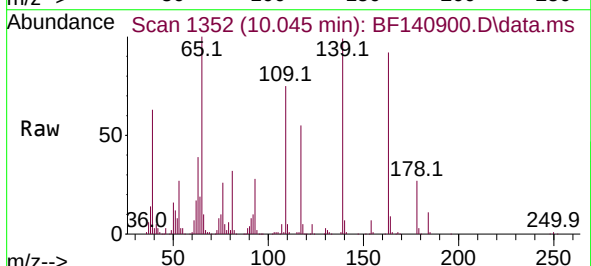
Tgt Ion:139 Resp: 143179

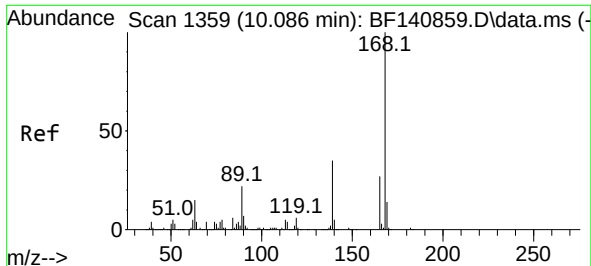
Ion Ratio Lower Upper

139 100

109 76.6 56.7 96.7

65 101.5 78.1 118.1

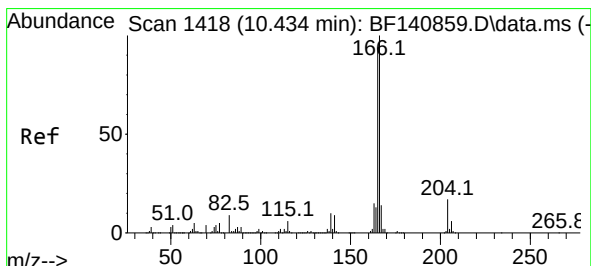
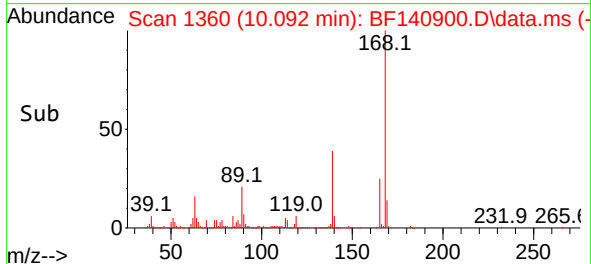
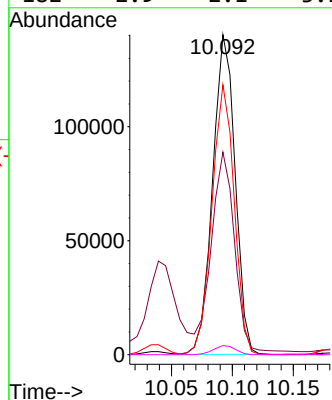
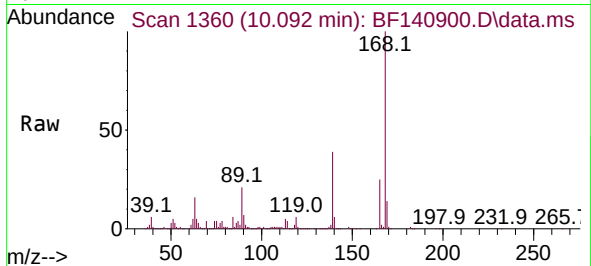




#57
2,4-Dinitrotoluene
Concen: 52.174 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

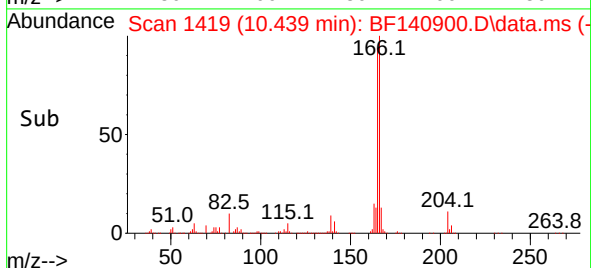
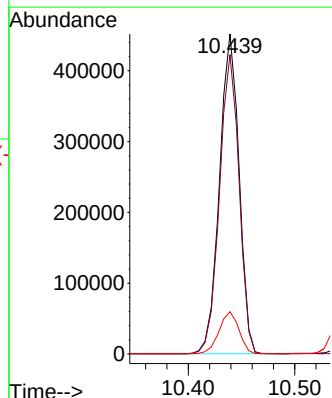
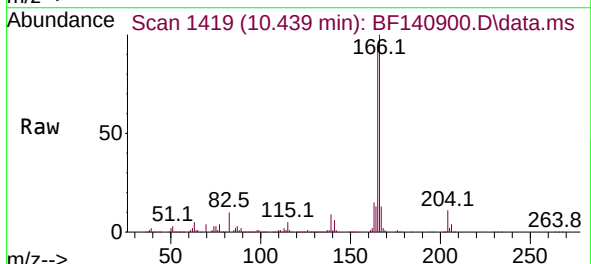
Instrument :
BNA_F
ClientSampleId :
PB165685BS

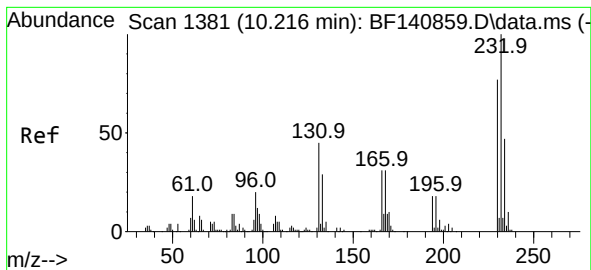
Tgt Ion:165 Resp: 179888
Ion Ratio Lower Upper
165 100
63 63.3 49.3 73.9
89 84.4 66.2 99.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 48.423 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

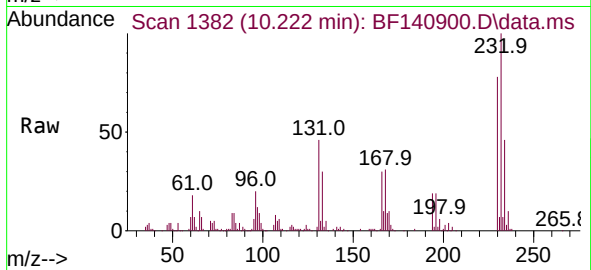
Tgt Ion:166 Resp: 574748
Ion Ratio Lower Upper
166 100
165 93.6 75.1 112.7
167 13.2 11.1 16.7



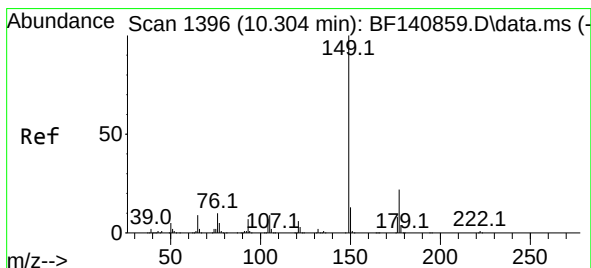
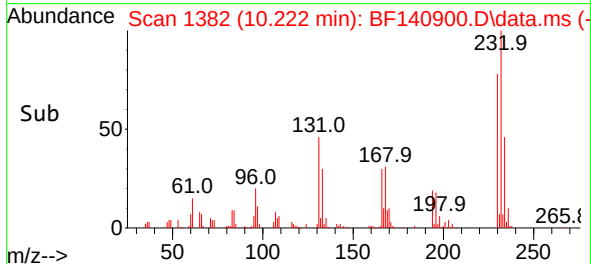
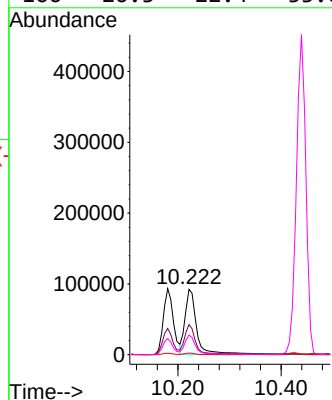


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.727 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Instrument :
BNA_F
ClientSampleId :
PB165685BS

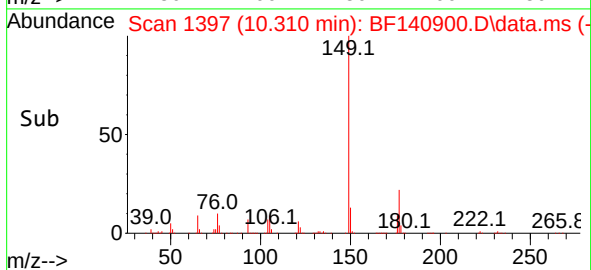
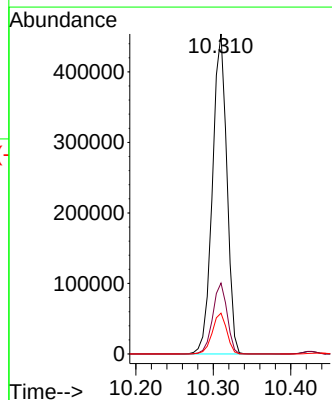
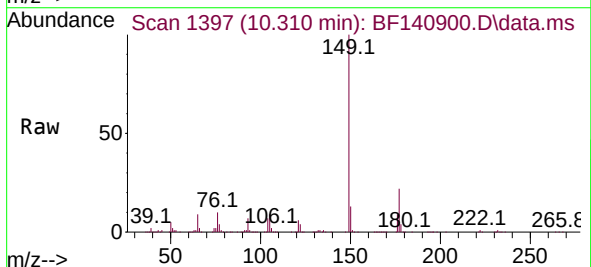


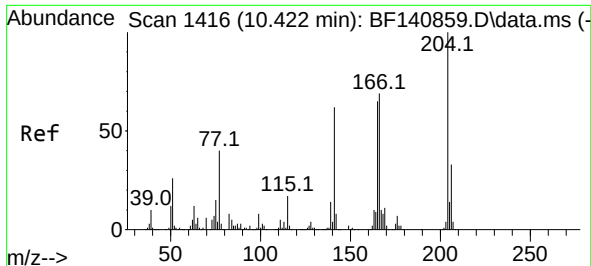
Tgt Ion:232 Resp: 141765
Ion Ratio Lower Upper
232 100
131 42.4 35.1 52.7
130 2.3 1.8 2.8
166 26.3 22.4 33.6



#60
Diethylphthalate
Concen: 49.308 ng
RT: 10.310 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:149 Resp: 586098
Ion Ratio Lower Upper
149 100
177 22.2 17.2 25.8
150 12.8 10.1 15.1

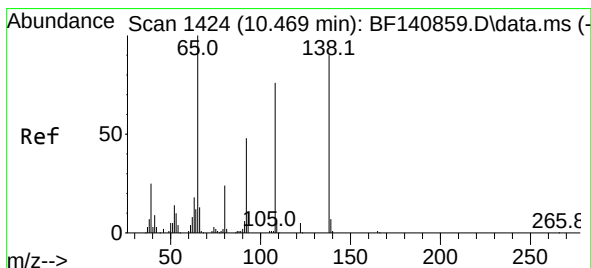
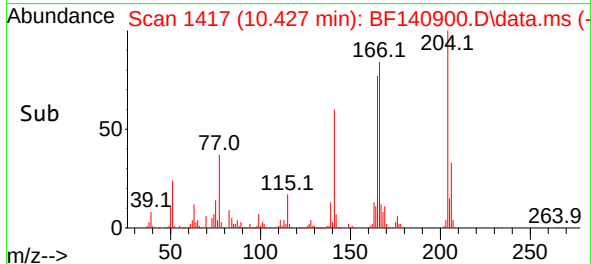
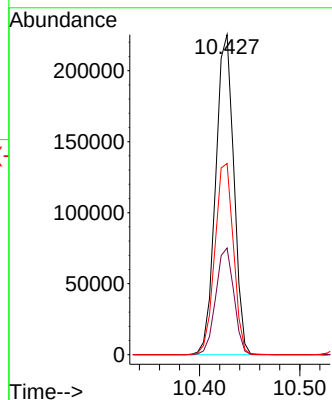
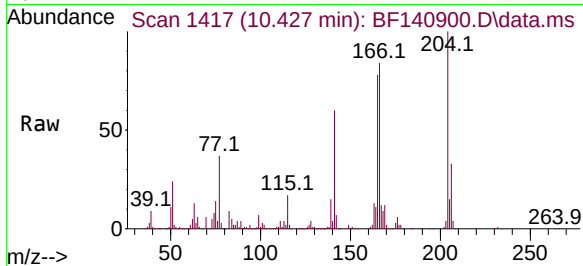




#61
4-Chlorophenyl-phenylether
Concen: 47.573 ng
RT: 10.427 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

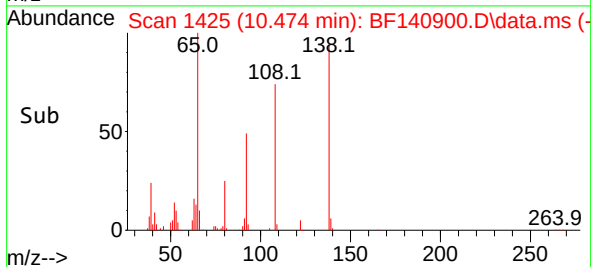
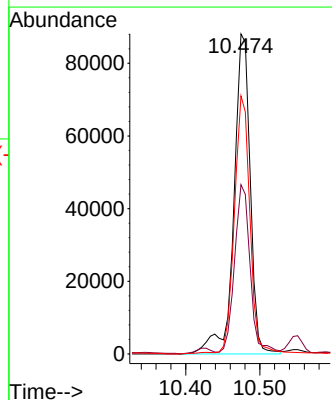
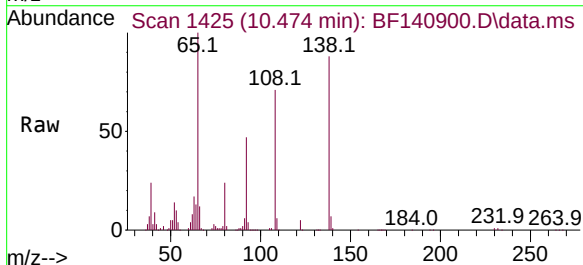
Instrument :
BNA_F
ClientSampleId :
PB165685BS

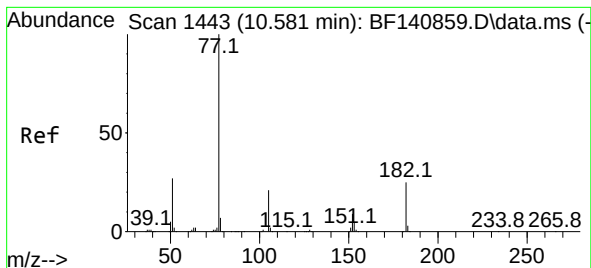
Tgt Ion:204 Resp: 283641
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.7 50.0 75.0



#62
4-Nitroaniline
Concen: 49.639 ng
RT: 10.474 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:138 Resp: 134896
Ion Ratio Lower Upper
138 100
92 52.9 32.6 72.6
108 80.7 64.1 104.1





#63

Azobenzene

Concen: 50.817 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

Tgt Ion: 77 Resp: 567863

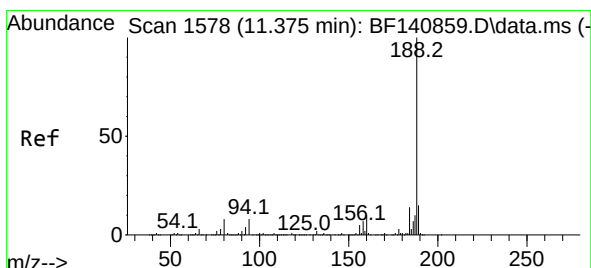
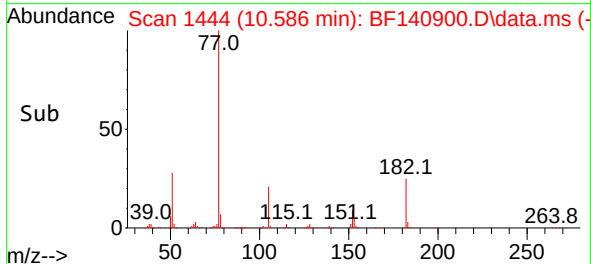
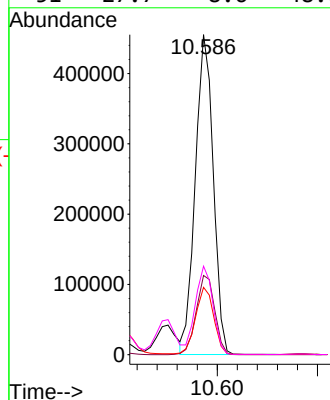
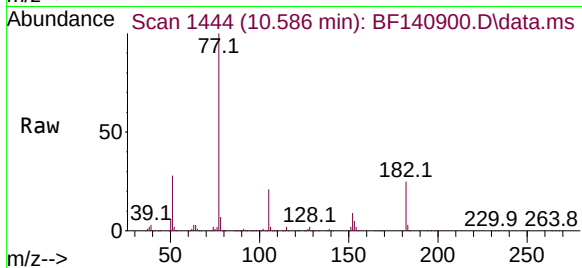
Ion Ratio Lower Upper

77 100

182 24.8 4.5 44.5

105 21.0 0.9 40.9

51 27.7 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

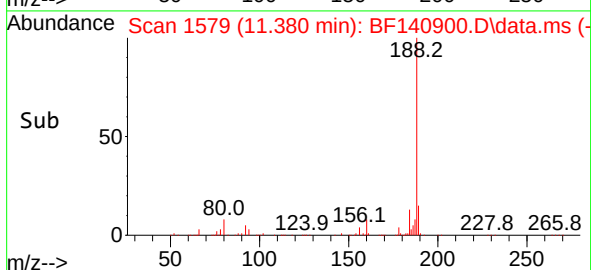
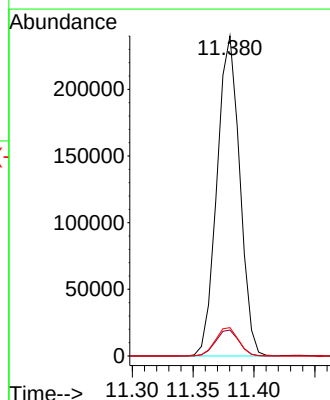
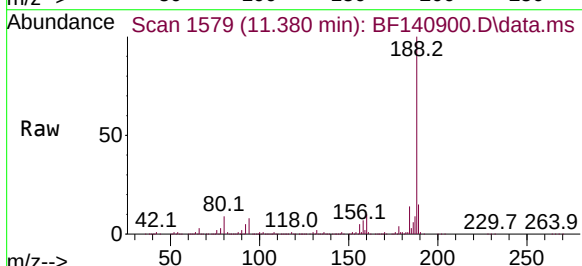
Tgt Ion: 188 Resp: 312461

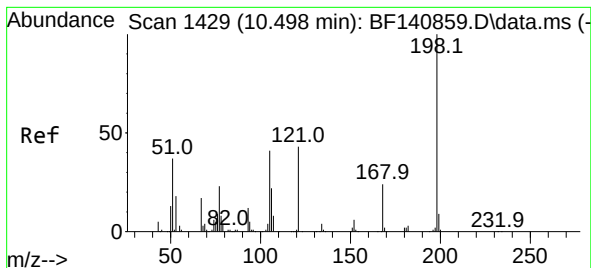
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.8 6.8 10.2

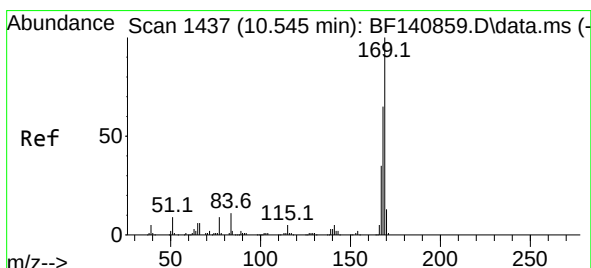
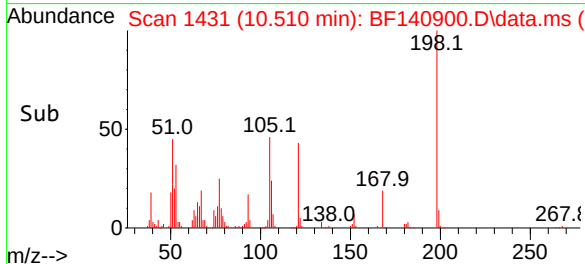
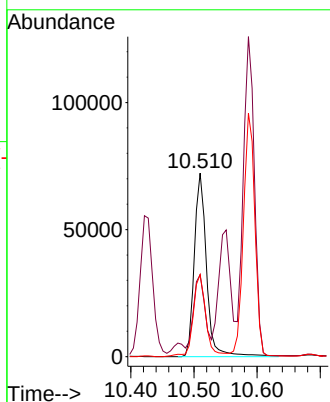
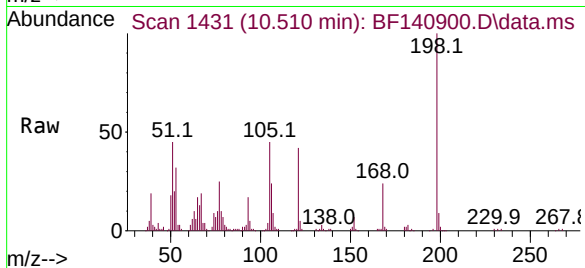




#65
4,6-Dinitro-2-methylphenol
Concen: 54.977 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

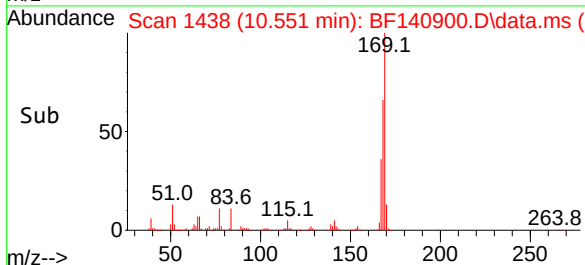
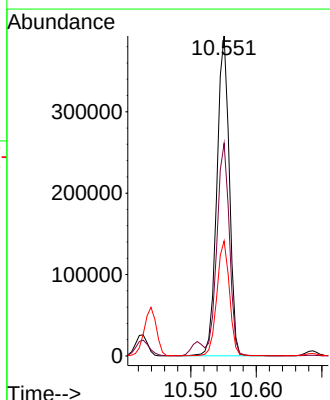
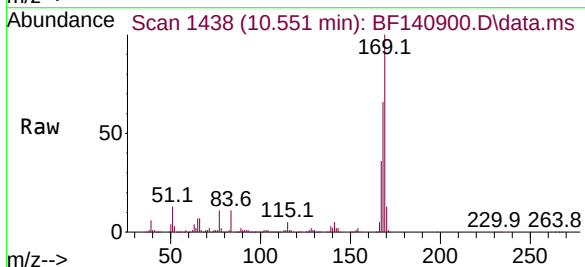
Instrument :
BNA_F
ClientSampleId :
PB165685BS

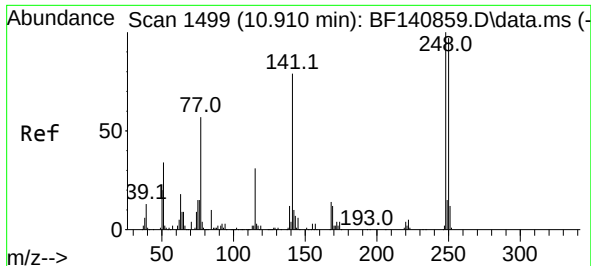
Tgt Ion:198 Resp: 97340
Ion Ratio Lower Upper
198 100
51 44.6 24.4 64.4
105 44.8 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 53.396 ng
RT: 10.551 min Scan# 1438
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:169 Resp: 512960
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 35.9 28.3 42.5

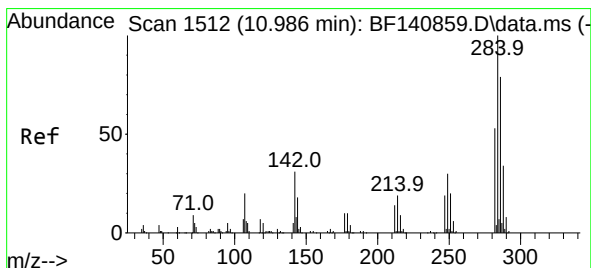
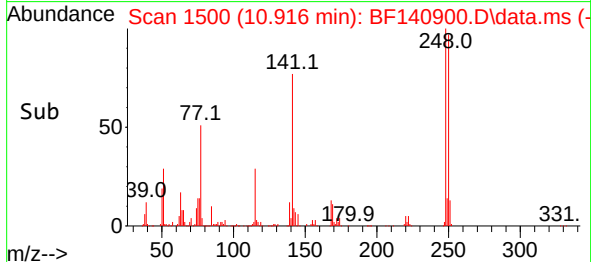
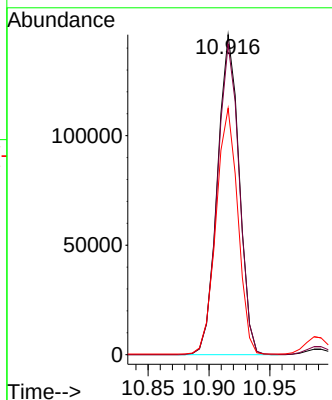
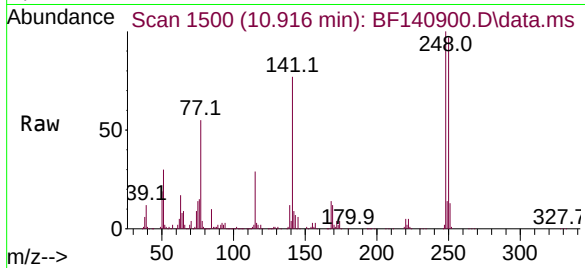




#67
4-Bromophenyl-phenylether
Concen: 51.932 ng
RT: 10.916 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

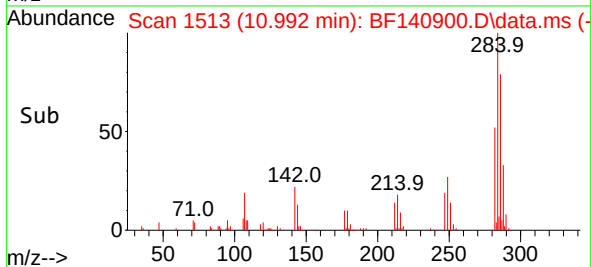
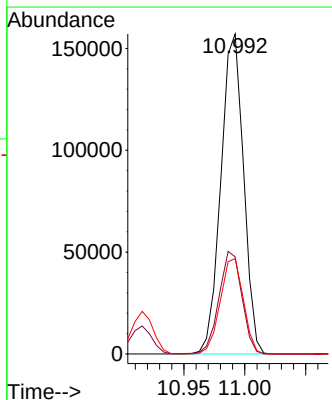
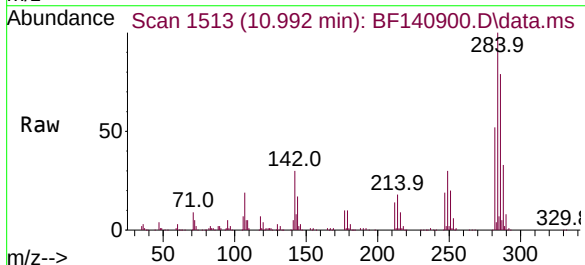
Instrument :
BNA_F
ClientSampleId :
PB165685BS

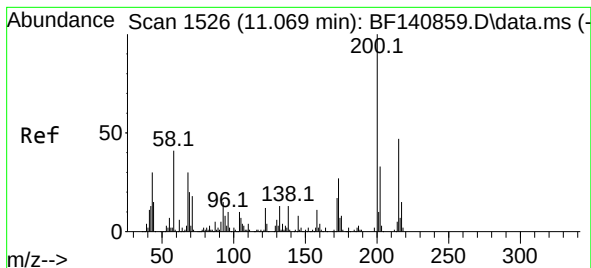
Tgt Ion:248 Resp: 181534
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 77.0 62.9 94.3



#68
Hexachlorobenzene
Concen: 51.434 ng
RT: 10.992 min Scan# 1513
Delta R.T. 0.006 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:284 Resp: 203846
Ion Ratio Lower Upper
284 100
142 30.3 24.6 36.8
249 29.8 24.3 36.5





#69

Atrazine

Concen: 66.370 ng

RT: 11.080 min Scan# 1528

Delta R.T. 0.012 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

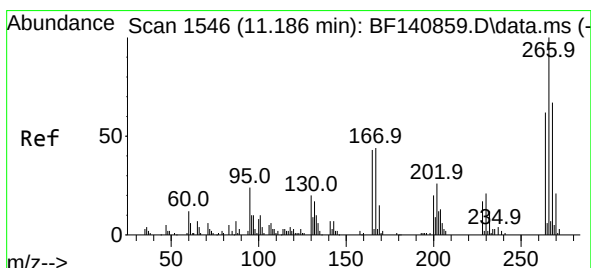
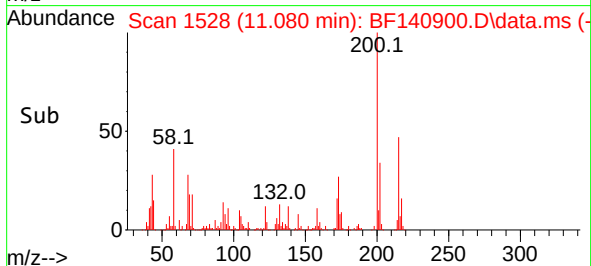
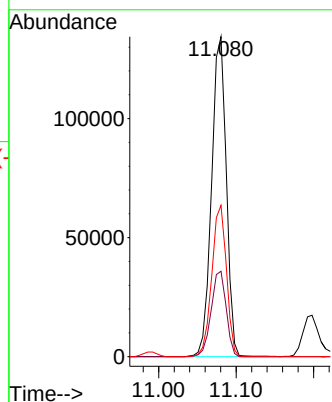
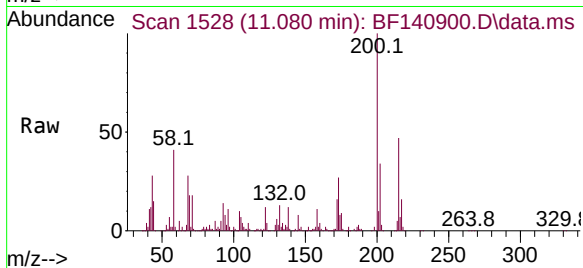
Tgt Ion:200 Resp: 178074

Ion Ratio Lower Upper

200 100

173 26.7 6.6 46.6

215 47.3 26.7 66.7



#70

Pentachlorophenol

Concen: 110.911 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

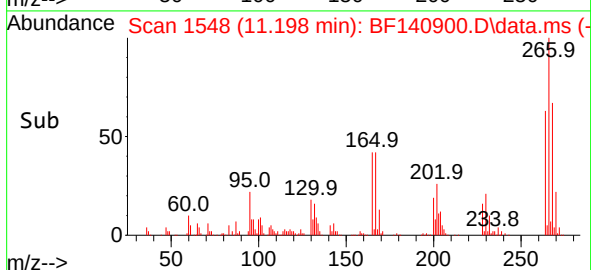
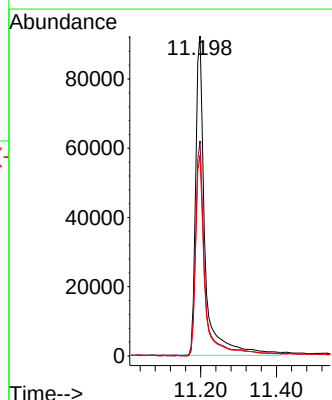
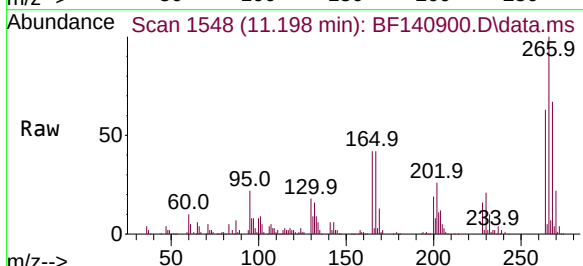
Tgt Ion:266 Resp: 160709

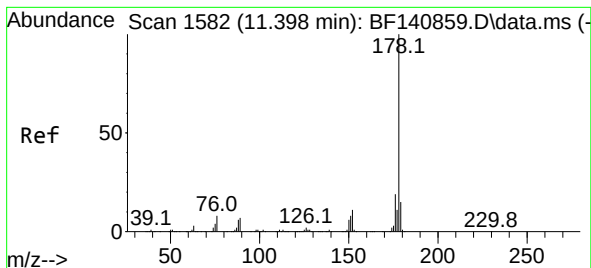
Ion Ratio Lower Upper

266 100

268 67.2 54.0 81.0

264 62.7 49.4 74.2





#71

Phenanthrene

Concen: 51.138 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

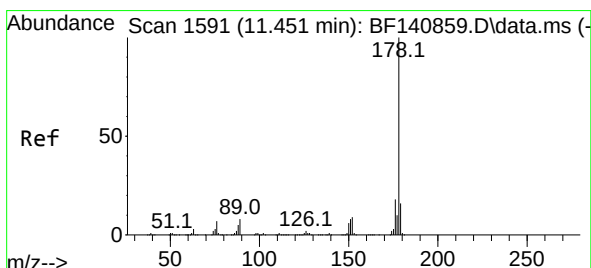
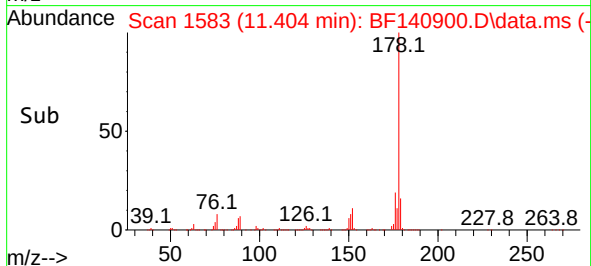
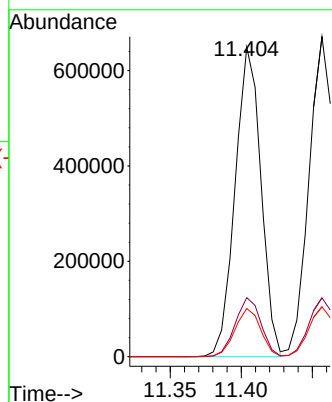
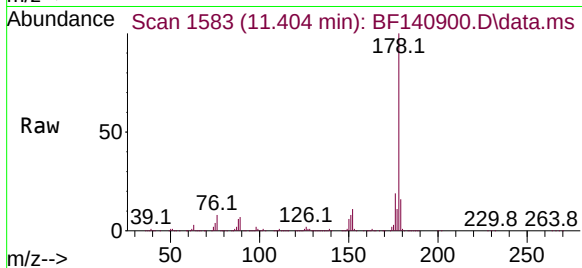
Tgt Ion:178 Resp: 821688

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.6 12.1 18.1



#72

Anthracene

Concen: 53.366 ng

RT: 11.457 min Scan# 1592

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

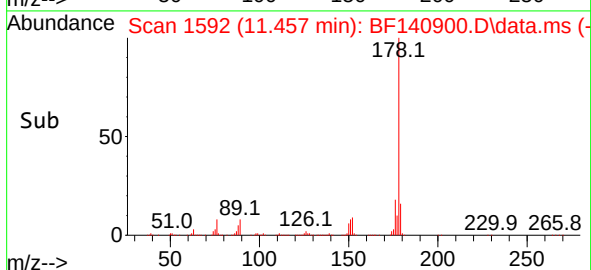
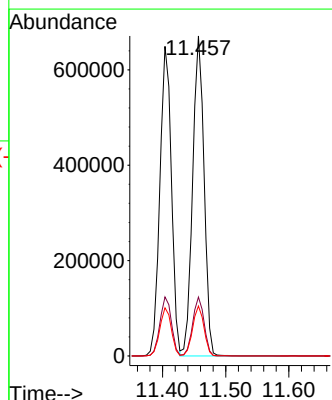
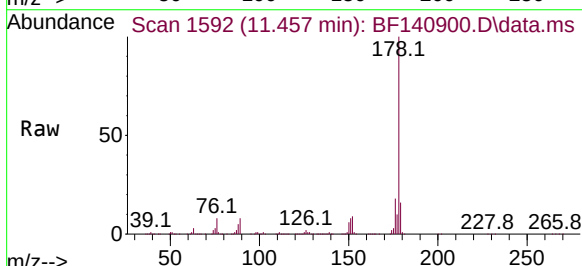
Tgt Ion:178 Resp: 844453

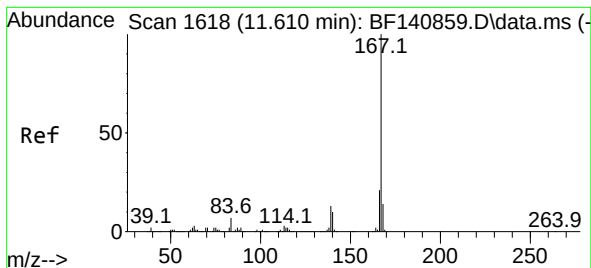
Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

179 15.6 12.6 18.8





#73

Carbazole

Concen: 50.894 ng

RT: 11.616 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

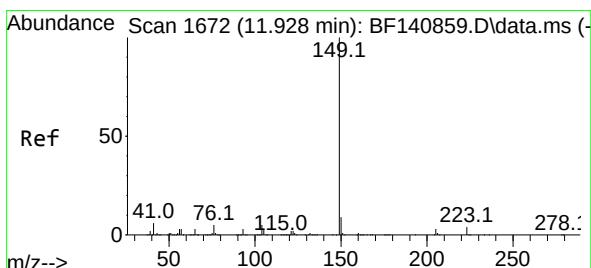
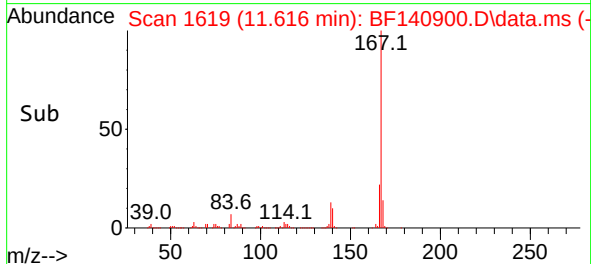
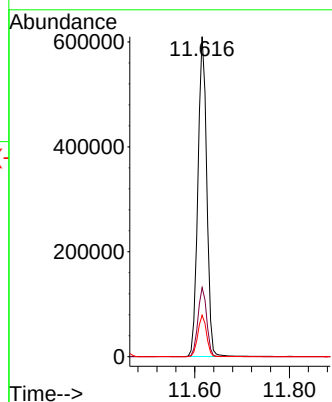
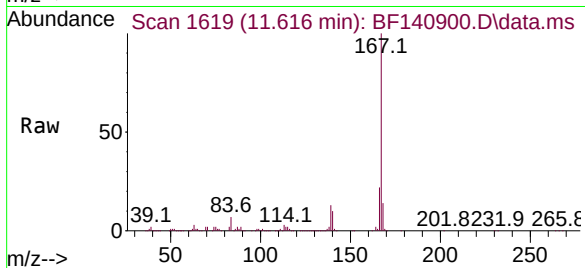
Tgt Ion:167 Resp: 788819

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 53.508 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

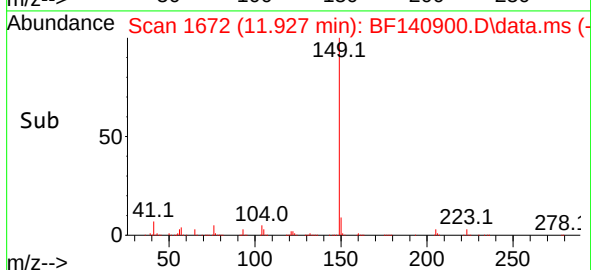
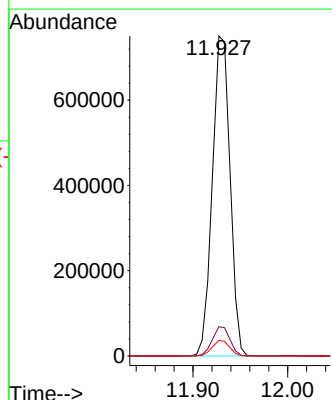
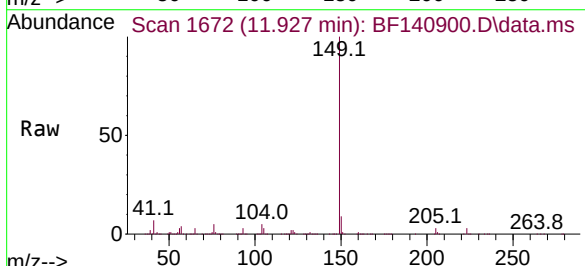
Tgt Ion:149 Resp: 973308

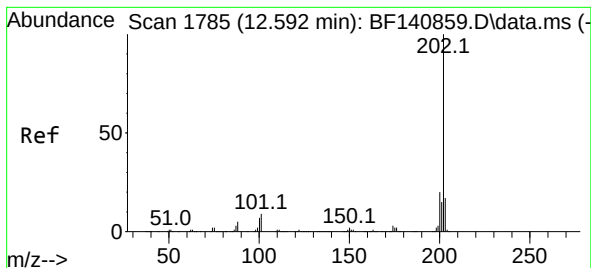
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.8 3.8 5.8





#75

Fluoranthene

Concen: 51.487 ng

RT: 12.598 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

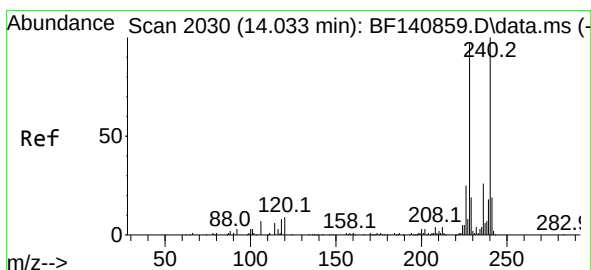
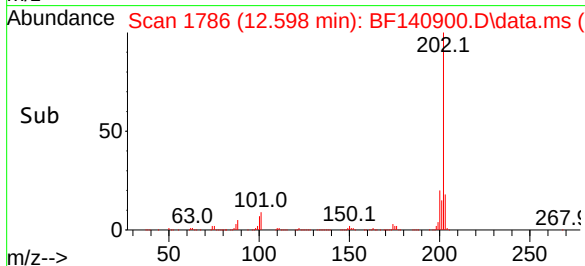
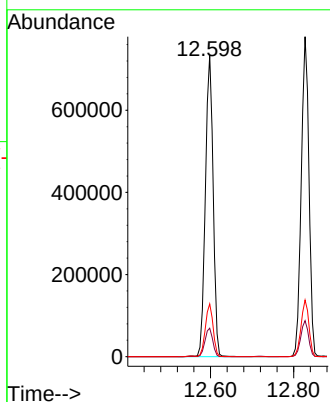
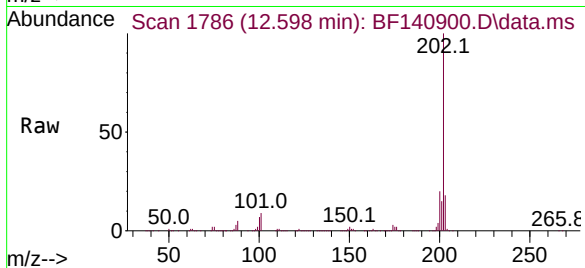
Tgt Ion:202 Resp: 952765

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.3

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

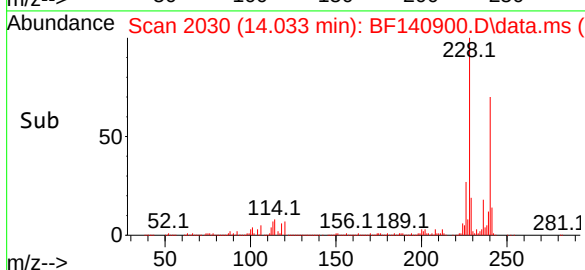
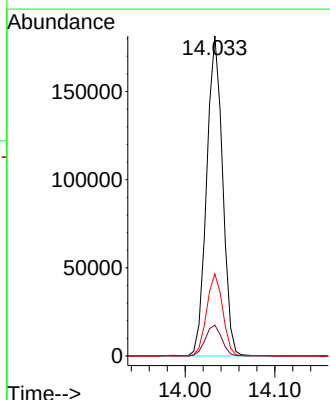
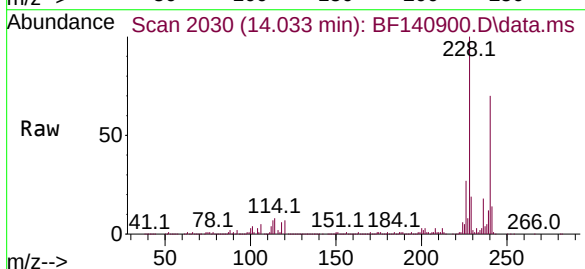
Tgt Ion:240 Resp: 223983

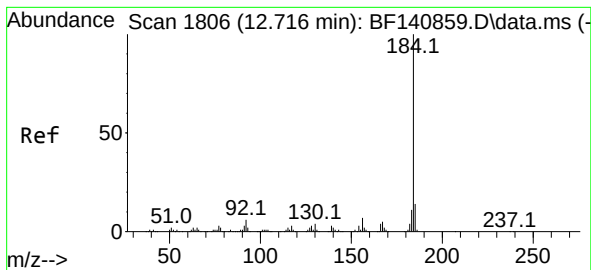
Ion Ratio Lower Upper

240 100

120 9.7 7.6 11.4

236 25.7 20.5 30.7





#77

Benzidine

Concen: 48.374 ng

RT: 12.721 min Scan# 1807

Delta R.T. 0.005 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

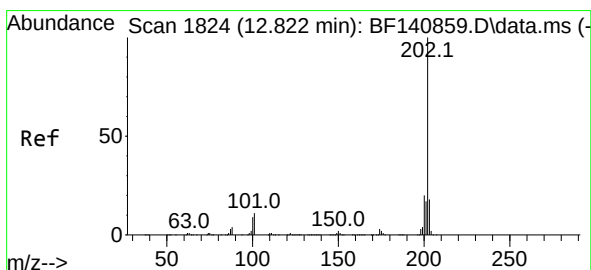
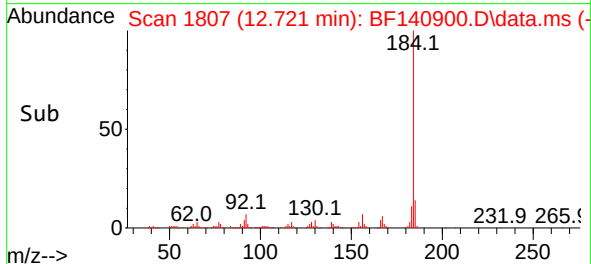
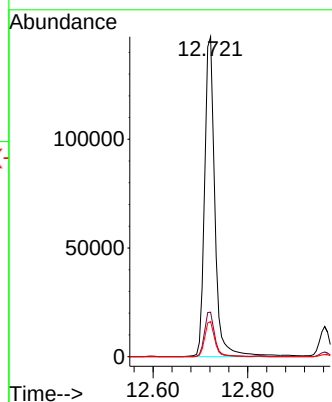
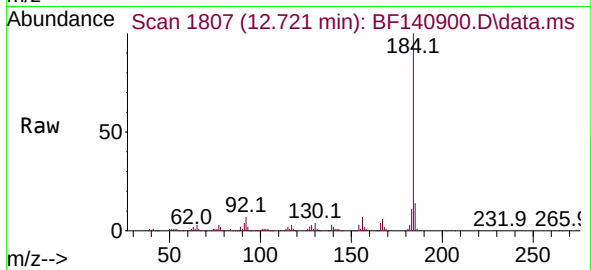
Tgt Ion:184 Resp: 221135

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 10.9 9.0 13.4



#78

Pyrene

Concen: 50.586 ng

RT: 12.827 min Scan# 1825

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

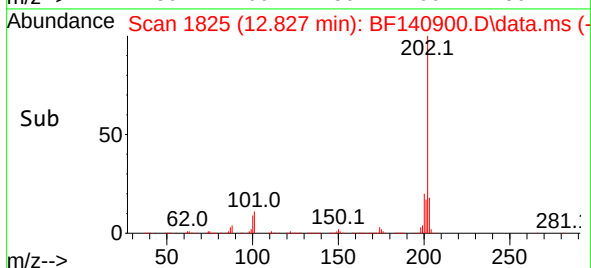
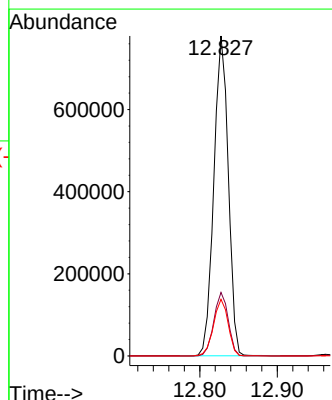
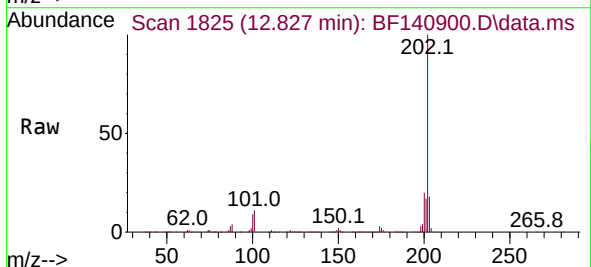
Tgt Ion:202 Resp: 1007559

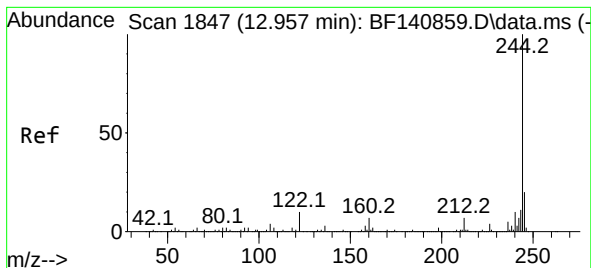
Ion Ratio Lower Upper

202 100

200 19.9 16.1 24.1

203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 100.856 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

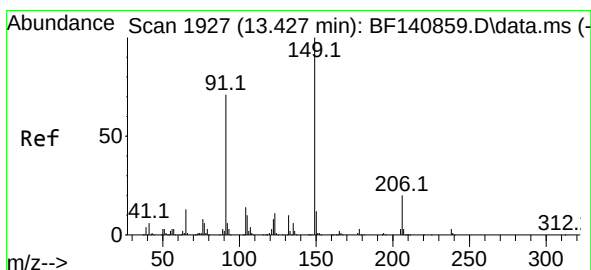
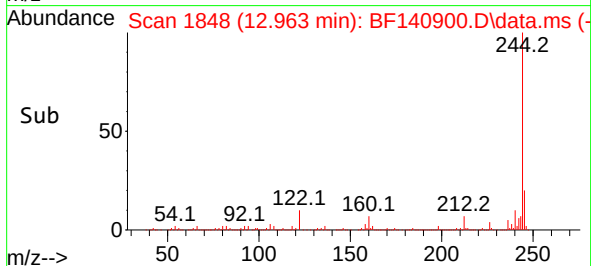
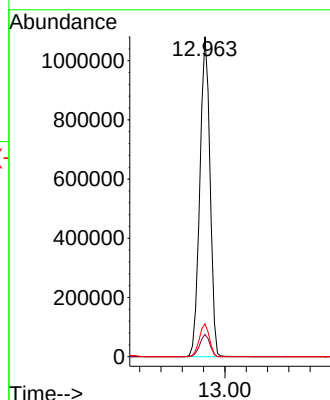
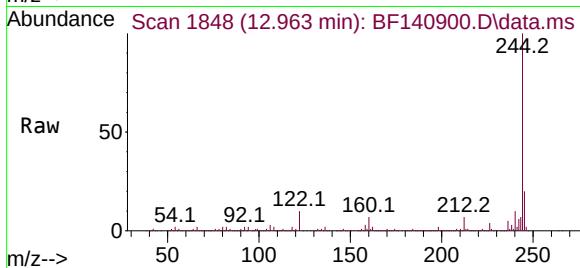
Tgt Ion:244 Resp: 1432582

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.3 8.2 12.2



#80

Butylbenzylphthalate

Concen: 53.040 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

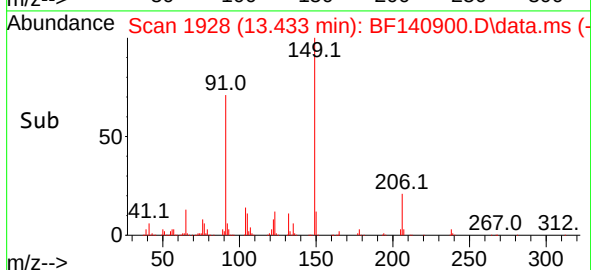
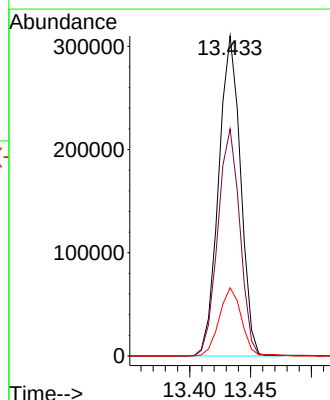
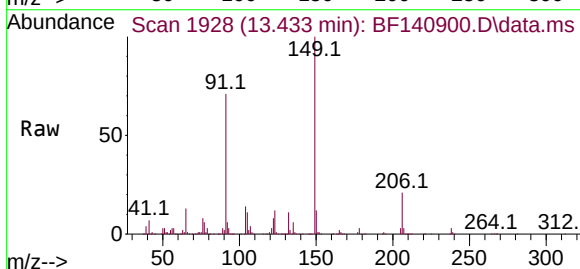
Tgt Ion:149 Resp: 388722

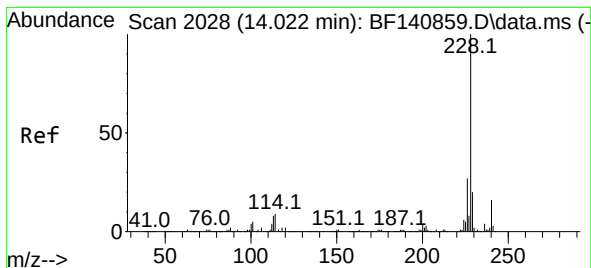
Ion Ratio Lower Upper

149 100

91 70.9 56.7 85.1

206 21.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 51.855 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

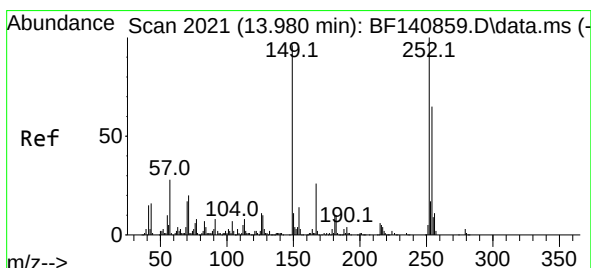
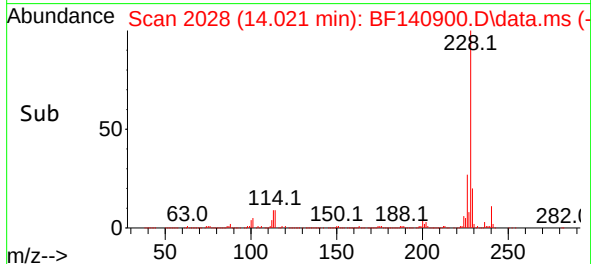
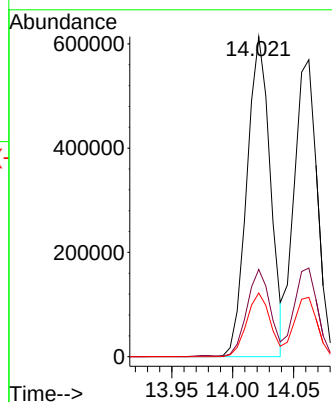
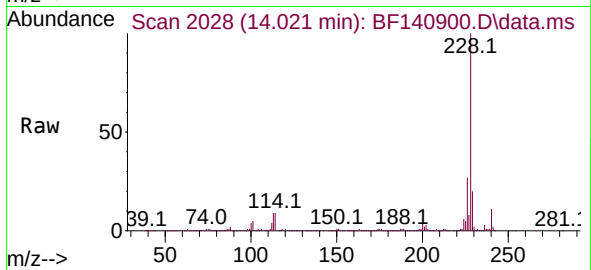
Tgt Ion:228 Resp: 823174

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.9 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 32.752 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

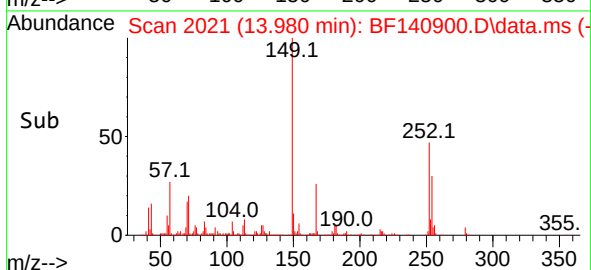
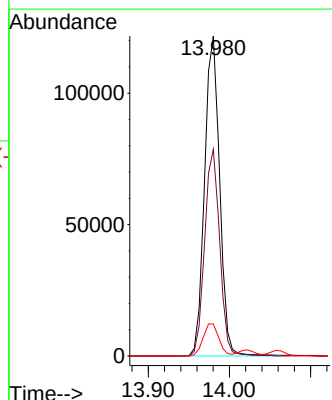
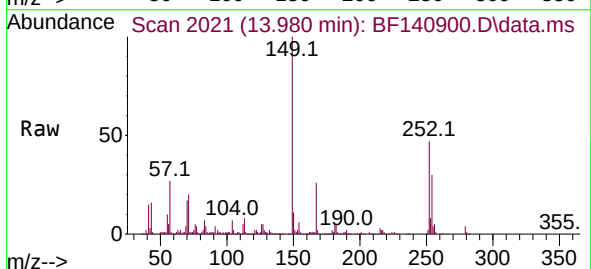
Tgt Ion:252 Resp: 156862

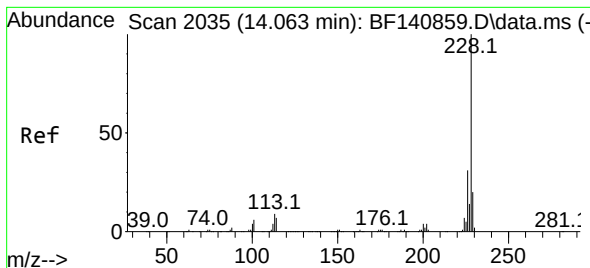
Ion Ratio Lower Upper

252 100

254 64.5 52.3 78.5

126 10.0 8.4 12.6





#83

Chrysene

Concen: 52.068 ng

RT: 14.062 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

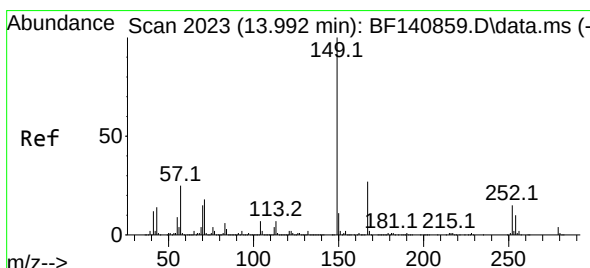
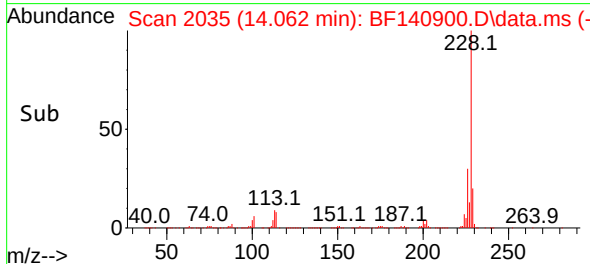
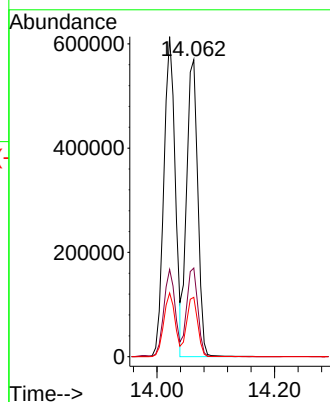
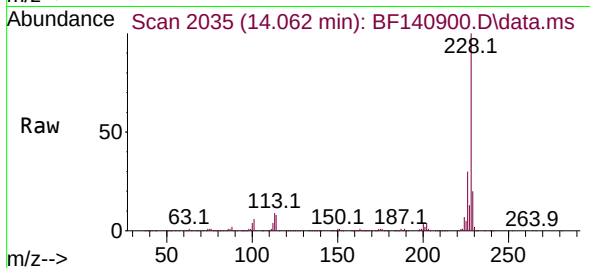
Tgt Ion:228 Resp: 751611

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.152 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

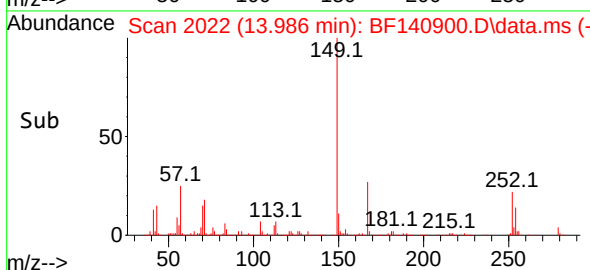
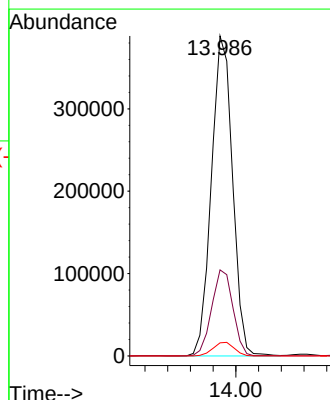
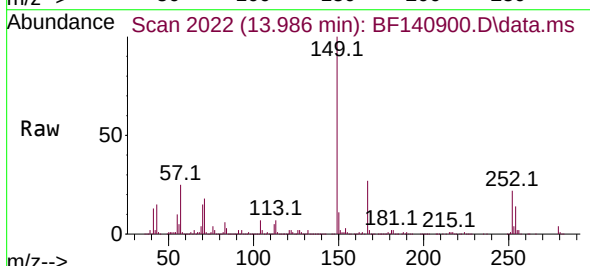
Tgt Ion:149 Resp: 502288

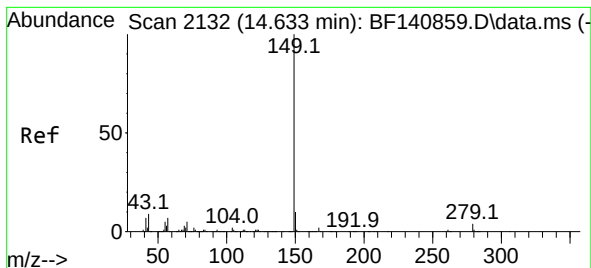
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 46.174 ng

RT: 14.615 min Scan# 2129

Delta R.T. -0.018 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

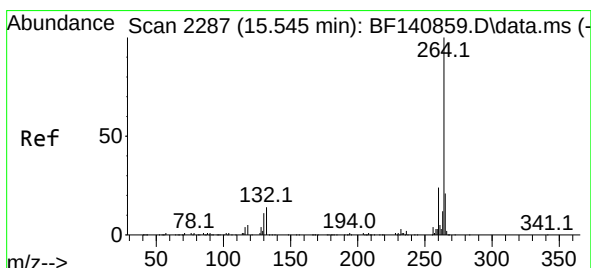
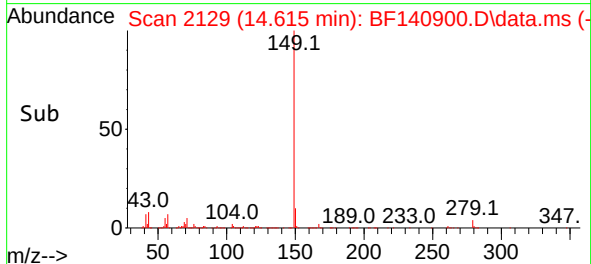
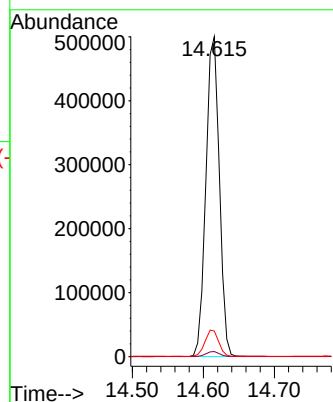
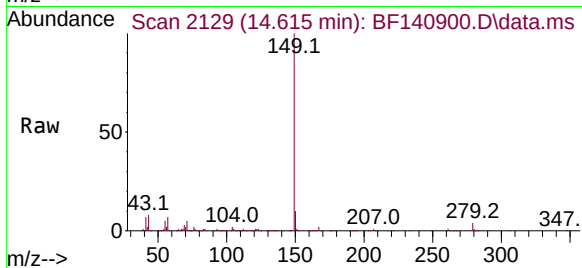
Tgt Ion:149 Resp: 660135

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.3 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.024 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

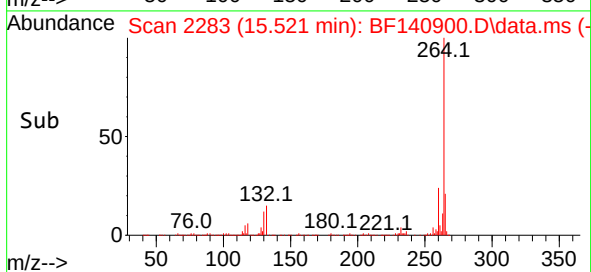
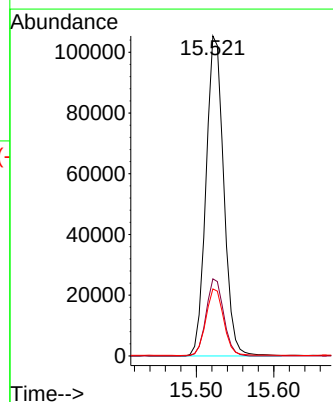
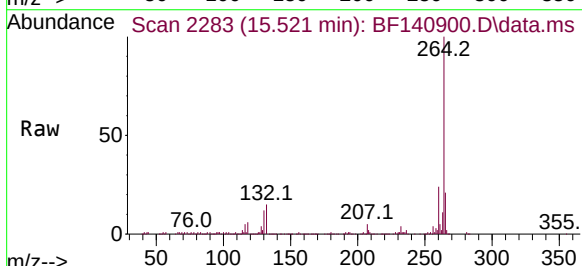
Tgt Ion:264 Resp: 167396

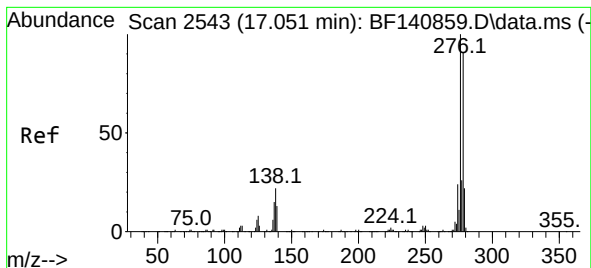
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.096 ng

RT: 17.039 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

Instrument :

BNA_F

ClientSampleId :

PB165685BS

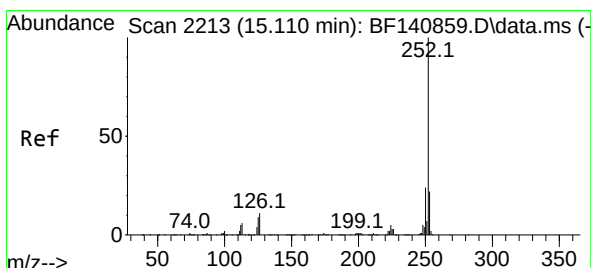
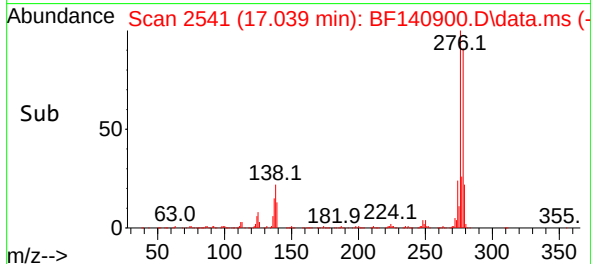
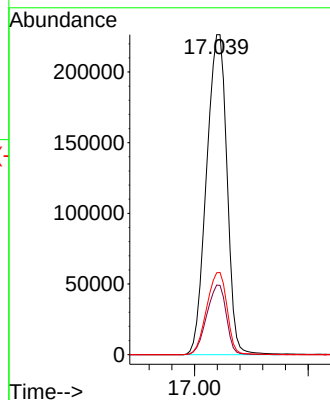
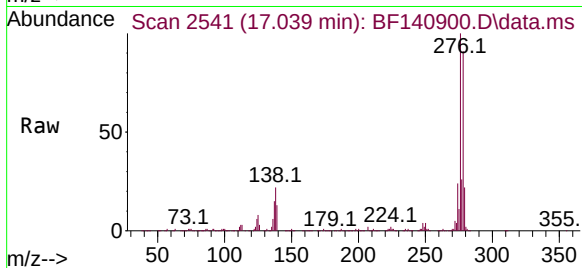
Tgt Ion:276 Resp: 565094

Ion Ratio Lower Upper

276 100

138 20.9 16.9 25.3

277 25.6 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.203 ng

RT: 15.092 min Scan# 2210

Delta R.T. -0.018 min

Lab File: BF140900.D

Acq: 18 Dec 2024 12:45

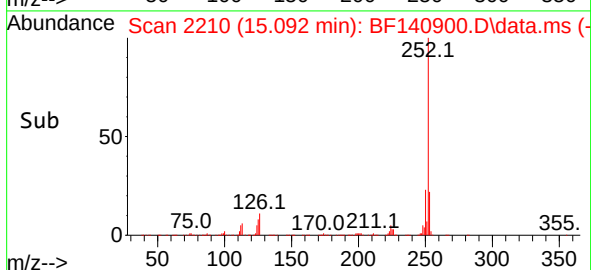
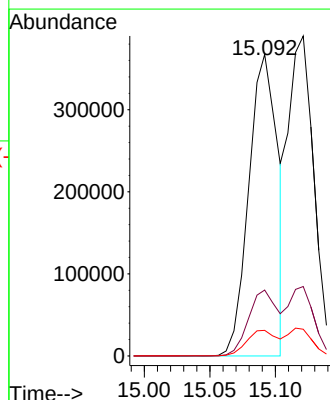
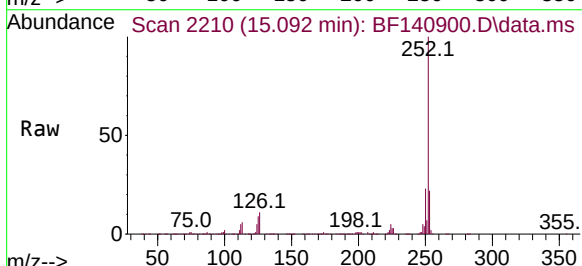
Tgt Ion:252 Resp: 560108

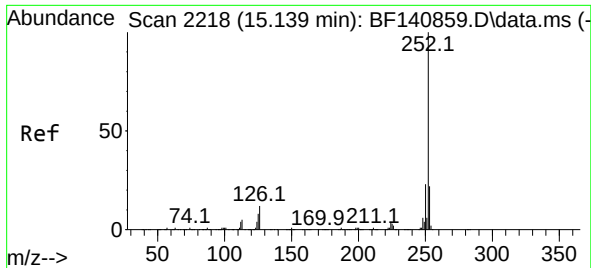
Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.6

125 8.5 7.0 10.4

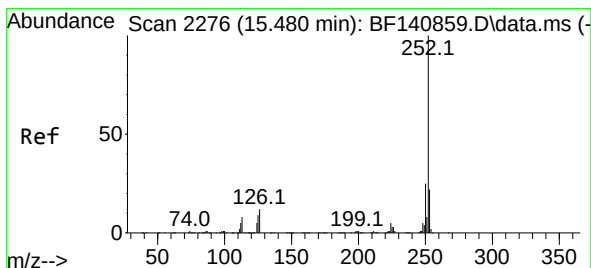
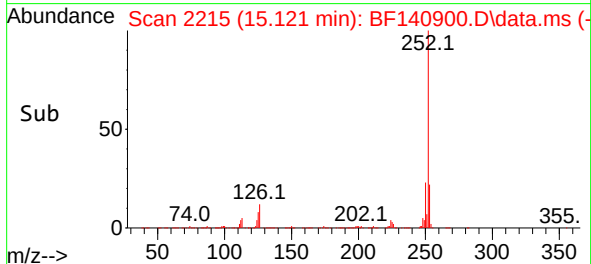
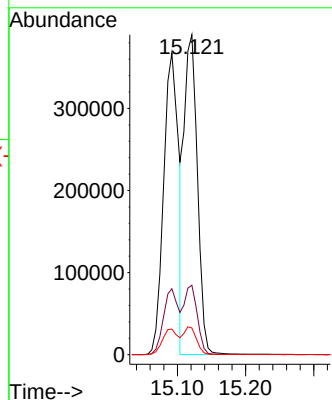
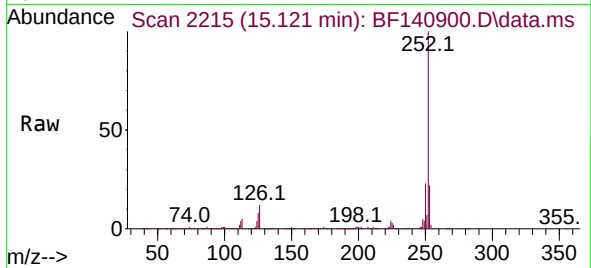




#89
Benzo(k)fluoranthene
Concen: 52.953 ng
RT: 15.121 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

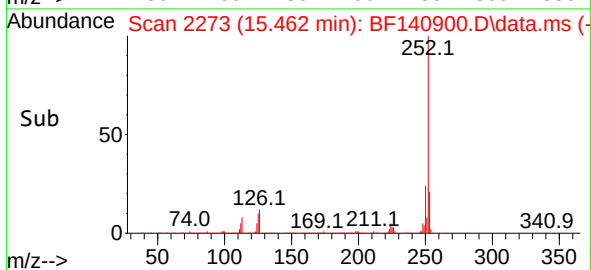
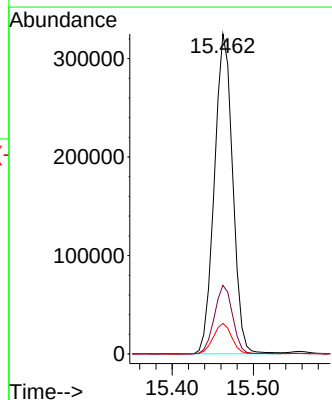
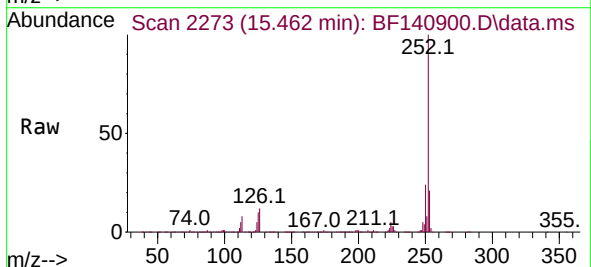
Instrument :
BNA_F
ClientSampleId :
PB165685BS

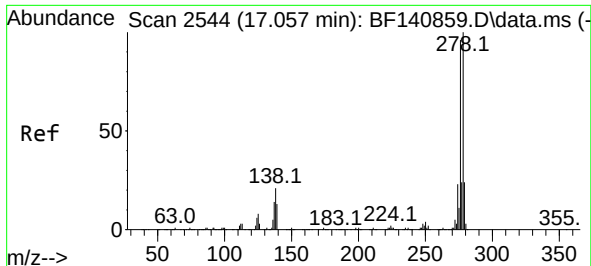
Tgt Ion:252 Resp: 527806
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 8.3 6.8 10.2



#90
Benzo(a)pyrene
Concen: 55.983 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.018 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:252 Resp: 509371
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 9.6 7.5 11.3

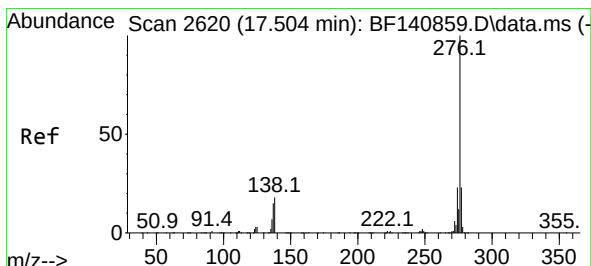
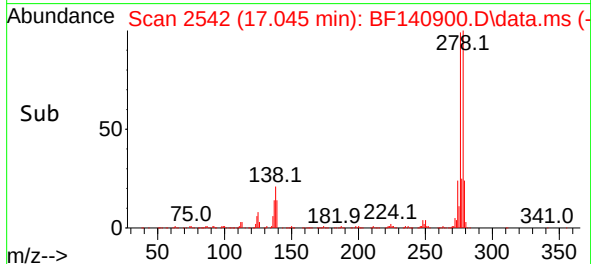
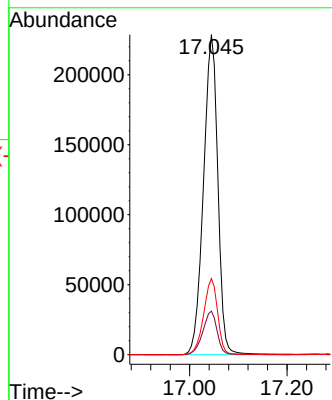
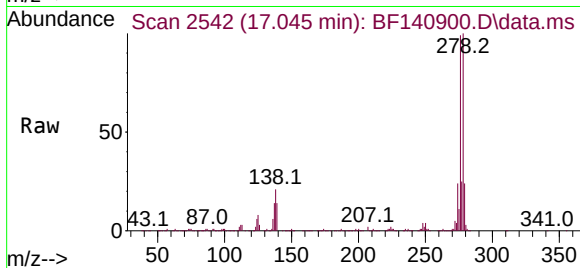




#91
Dibenzo(a,h)anthracene
Concen: 53.880 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Instrument :
BNA_F
ClientSampleId :
PB165685BS

Tgt Ion:278 Resp: 466284
Ion Ratio Lower Upper
278 100
139 13.6 10.6 16.0
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 53.311 ng
RT: 17.492 min Scan# 2618
Delta R.T. -0.012 min
Lab File: BF140900.D
Acq: 18 Dec 2024 12:45

Tgt Ion:276 Resp: 469557
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 18.6 14.2 21.2

