

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140740.D
 Acq On : 04 Dec 2024 21:15
 Operator : RC/JU
 Sample : P5072-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-738MS

Quant Time: Dec 05 00:07:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67810	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	255688	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	140893	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	238686	20.000	ng	0.00
76) Chrysene-d12	14.051	240	134324	20.000	ng	0.00
86) Perylene-d12	15.551	264	123327	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	434373	109.295	ng	0.01
7) Phenol-d6	6.516	99	573476	109.148	ng	0.00
23) Nitrobenzene-d5	7.434	82	369084	73.835	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	157769	104.700	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	717214	75.845	ng	-0.01
79) Terphenyl-d14	12.986	244	596587	69.158	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	80730	48.313	ng	99
3) Pyridine	3.475	79	158952	43.234	ng	99
4) n-Nitrosodimethylamine	3.428	42	105076	48.628	ng	94
6) Aniline	6.545	93	103585	28.010	ng	98
8) 2-Chlorophenol	6.663	128	231896	54.235	ng	96
9) Benzaldehyde	6.422	77	71098	25.561	ng	99
10) Phenol	6.528	94	289068	53.872	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	226938	55.269	ng	96
12) 1,3-Dichlorobenzene	6.810	146	239357	49.820	ng	99
13) 1,4-Dichlorobenzene	6.887	146	246096	50.588	ng	99
14) 1,2-Dichlorobenzene	7.040	146	233575	51.241	ng	99
15) Benzyl Alcohol	7.016	79	177208	45.480	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	254682	52.503	ng	# 60
17) 2-Methylphenol	7.134	107	178132	52.044	ng	94
18) Hexachloroethane	7.375	117	89961	49.514	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	165473	53.289	ng	97
20) 3+4-Methylphenols	7.293	107	240800	54.735	ng	# 68
22) Acetophenone	7.281	105	325948	52.289	ng	93
24) Nitrobenzene	7.451	77	247466	47.899	ng	98
25) Isophorone	7.692	82	435015	52.175	ng	100
26) 2-Nitrophenol	7.769	139	122536	53.521	ng	97
27) 2,4-Dimethylphenol	7.810	122	182004m	66.441	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	262325	51.646	ng	99
29) 2,4-Dichlorophenol	8.034	162	198008	54.550	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	204199	49.270	ng	100
31) Naphthalene	8.175	128	676006	51.329	ng	100
32) Benzoic acid	7.945	122	76650	34.528	ng	97
33) 4-Chloroaniline	8.269	127	51301	13.010	ng	97
34) Hexachlorobutadiene	8.281	225	136202	49.616	ng	99
35) Caprolactam	8.604	113	59565m	53.026	ng	
36) 4-Chloro-3-methylphenol	8.728	107	207407	51.034	ng	99
37) 2-Methylnaphthalene	8.863	142	435151	52.020	ng	99
38) 1-Methylnaphthalene	8.963	142	405189	49.416	ng	98
40) 1,2,4,5-Tetrachloroben...	9.028	216	215956	52.357	ng	99
41) Hexachlorocyclopentadiene	9.010	237	133373	138.036	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	135528	52.364	ng	100

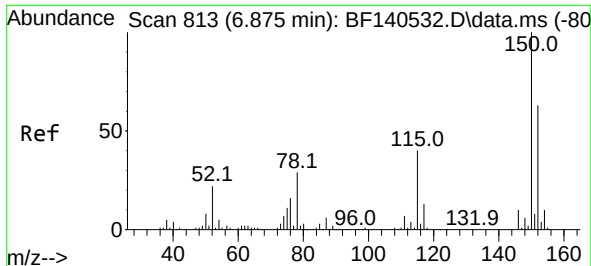
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
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 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	138672	49.369	ng	97
46) 1,1'-Biphenyl	9.328	154	546260	51.930	ng	100
47) 2-Chloronaphthalene	9.357	162	408898	51.301	ng	98
48) 2-Nitroaniline	9.457	65	129844	50.752	ng	97
49) Acenaphthylene	9.769	152	655950	54.467	ng	100
50) Dimethylphthalate	9.628	163	490914	52.905	ng	100
51) 2,6-Dinitrotoluene	9.698	165	105750	50.250	ng	94
52) Acenaphthene	9.939	154	398038	52.017	ng	99
53) 3-Nitroaniline	9.875	138	68282	33.175	ng	95
54) 2,4-Dinitrophenol	9.986	184	94008	85.641	ng	98
55) Dibenzofuran	10.116	168	595499	51.020	ng	99
56) 4-Nitrophenol	10.057	139	98166	69.932	ng	96
57) 2,4-Dinitrotoluene	10.104	165	140262	50.149	ng	96
58) Fluorene	10.457	166	473104	50.498	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	111879	51.826	ng	95
60) Diethylphthalate	10.328	149	489683	51.940	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	235037	51.120	ng	100
62) 4-Nitroaniline	10.492	138	92300	42.757	ng	97
63) Azobenzene	10.610	77	480906	53.865	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	73082	59.918	ng	93
66) n-Nitrosodiphenylamine	10.569	169	404872	57.359	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	134987	54.915	ng	97
68) Hexachlorobenzene	11.010	284	148801	52.280	ng	99
69) Atrazine	11.098	200	114774	57.800	ng	97
70) Pentachlorophenol	11.216	266	103816	82.874	ng	100
71) Phenanthrene	11.428	178	614932	53.596	ng	99
72) Anthracene	11.480	178	625220	55.708	ng	100
73) Carbazole	11.639	167	540015	50.016	ng	99
74) Di-n-butylphthalate	11.951	149	686581	55.082	ng	100
75) Fluoranthene	12.616	202	579101	46.487	ng	99
77) Benzidine	12.757	184	45483	11.646	ng	98
78) Pyrene	12.851	202	583409	46.974	ng	99
80) Butylbenzylphthalate	13.457	149	228060	50.973	ng	99
81) Benzo(a)anthracene	14.039	228	492826	55.425	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	115478	43.256	ng	99
83) Chrysene	14.080	228	428534	52.707	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	305500	54.075	ng	99
85) Di-n-octyl phthalate	14.639	149	486844	63.056	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	353136	43.938	ng	99
88) Benzo(b)fluoranthene	15.116	252	410561	53.001	ng	99
89) Benzo(k)fluoranthene	15.145	252	408527	60.266	ng	99
90) Benzo(a)pyrene	15.492	252	364854	57.928	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	291642	44.309	ng	100
92) Benzo(g,h,i)perylene	17.527	276	253393	37.726	ng	98

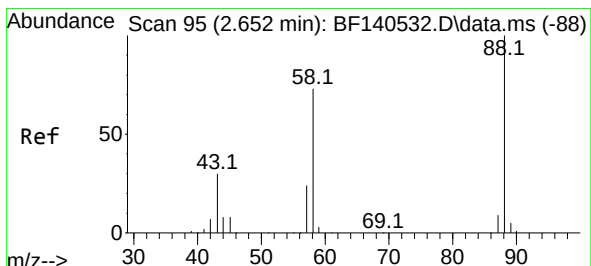
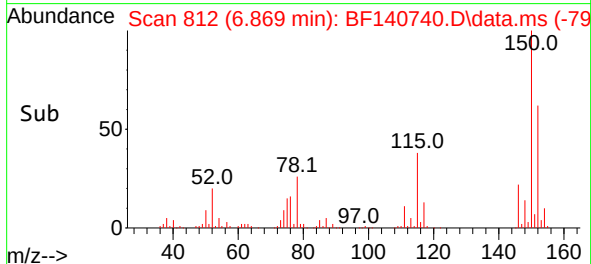
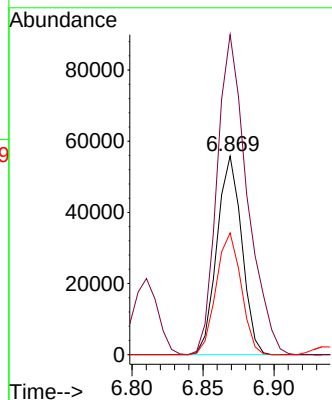
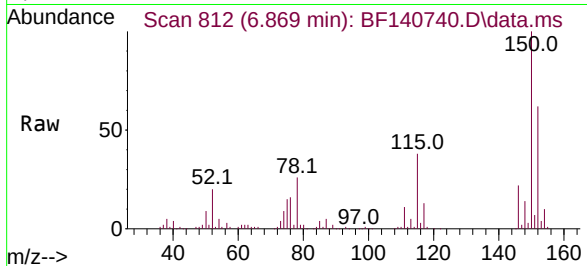
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140740.D
 Acq: 04 Dec 2024 21:15

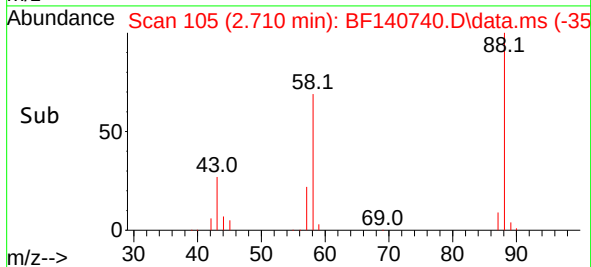
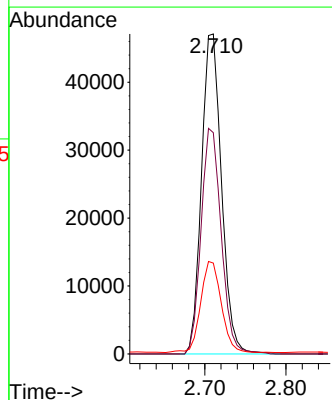
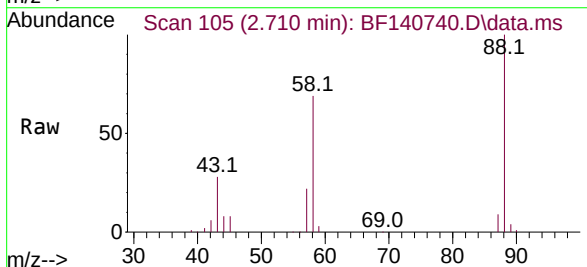
Instrument :
 BNA_F
 ClientSampleId :
 MH-738MS

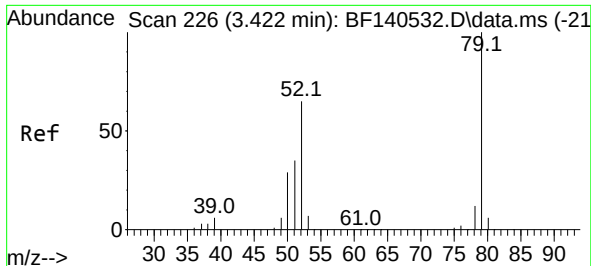
Tgt Ion:152 Resp: 67810
 Ion Ratio Lower Upper
 152 100
 150 161.1 128.5 192.7
 115 61.3 50.2 75.4



#2
 1,4-Dioxane
 Concen: 48.313 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.059 min
 Lab File: BF140740.D
 Acq: 04 Dec 2024 21:15

Tgt Ion: 88 Resp: 80730
 Ion Ratio Lower Upper
 88 100
 58 70.9 57.4 86.2
 43 29.3 24.3 36.5





#3

Pyridine

Concen: 43.234 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

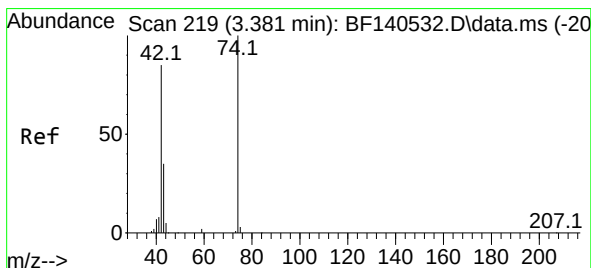
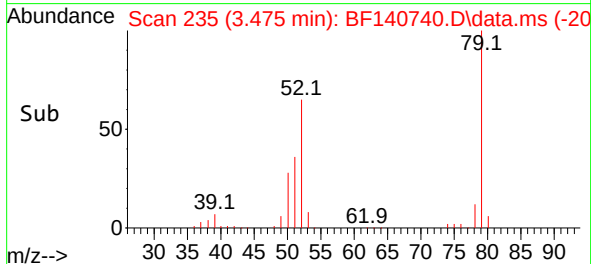
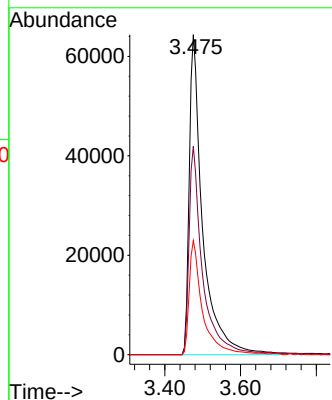
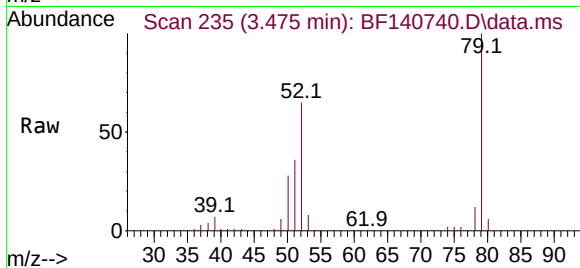
Tgt Ion: 79 Resp: 158952

Ion Ratio Lower Upper

79 100

52 65.1 52.1 78.1

51 35.6 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 48.628 ng

RT: 3.428 min Scan# 227

Delta R.T. 0.047 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

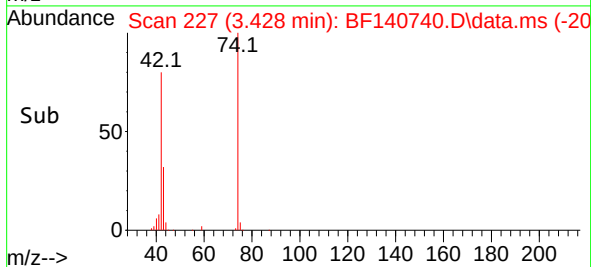
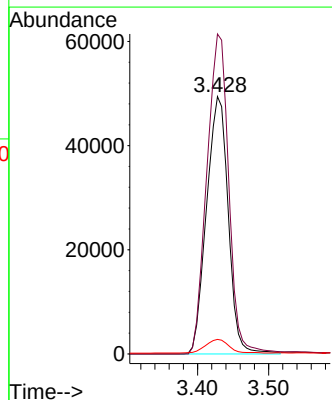
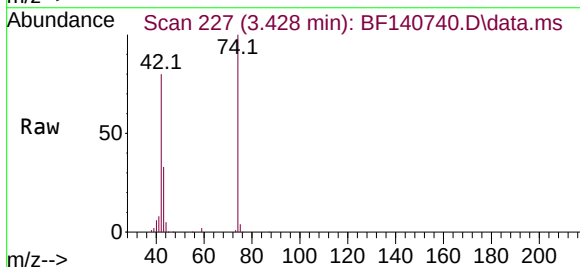
Tgt Ion: 42 Resp: 105076

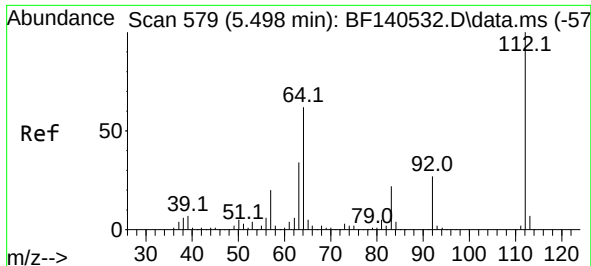
Ion Ratio Lower Upper

42 100

74 124.3 93.8 140.6

44 5.6 4.6 6.8

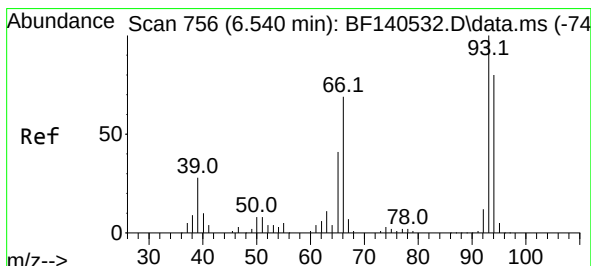
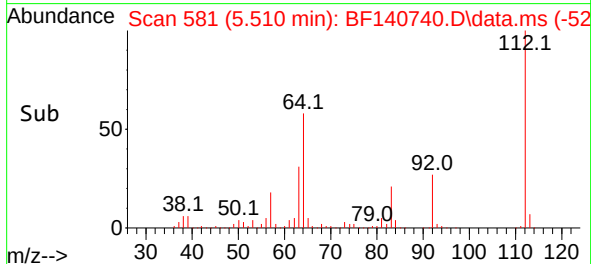
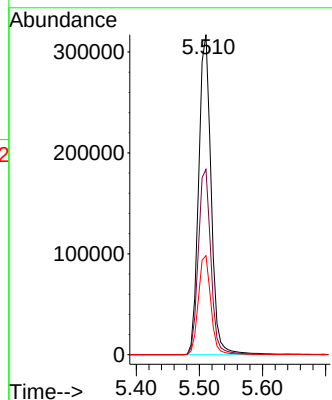
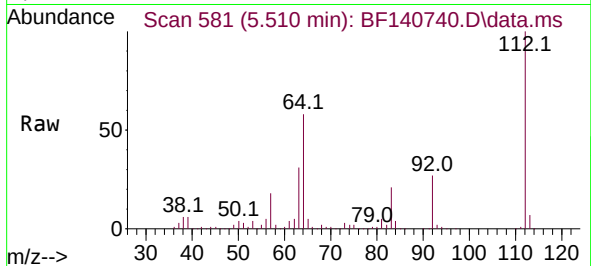




#5
2-Fluorophenol
Concen: 109.295 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

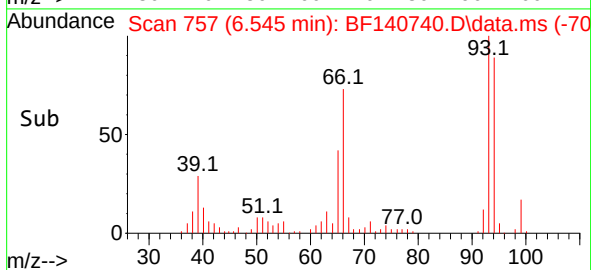
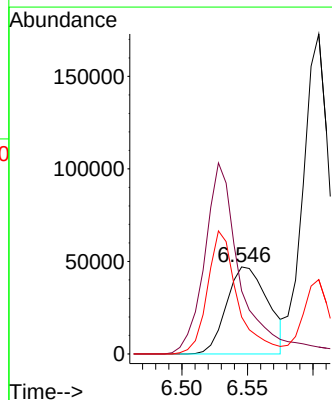
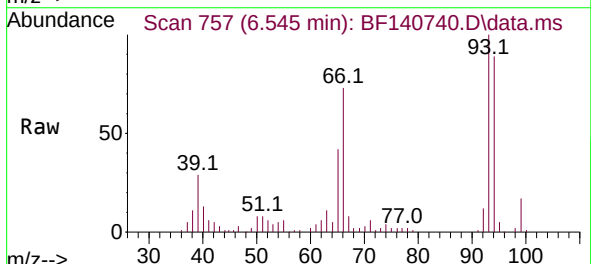
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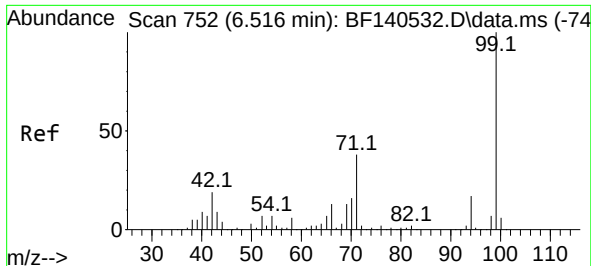
Tgt Ion:112 Resp: 434373
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 30.9 27.0 40.4



#6
Aniline
Concen: 28.010 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion: 93 Resp: 103585
Ion Ratio Lower Upper
93 100
66 72.5 56.5 84.7
65 42.4 32.9 49.3

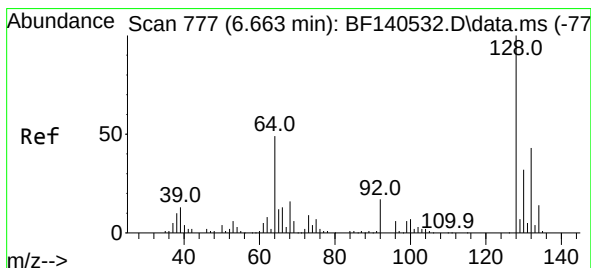
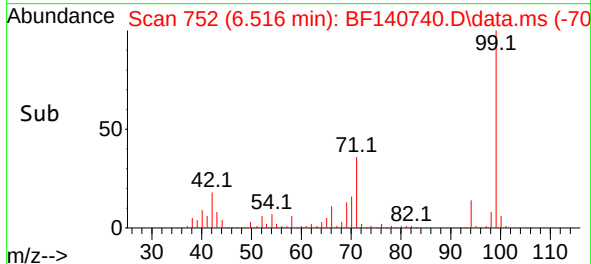
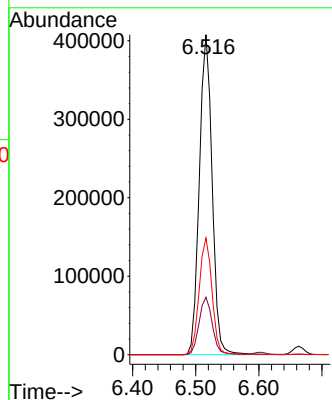
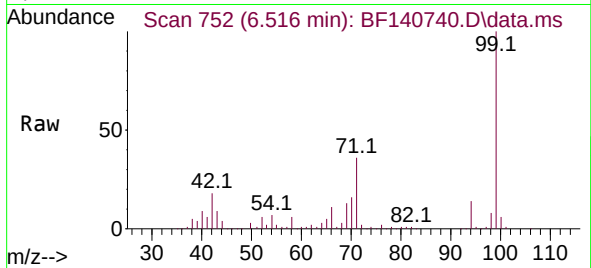




#7
Phenol-d6
Concen: 109.148 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

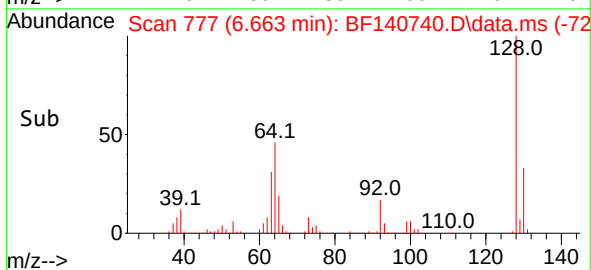
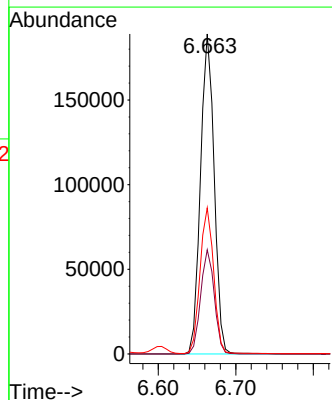
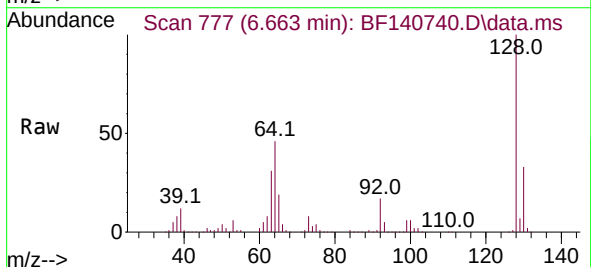
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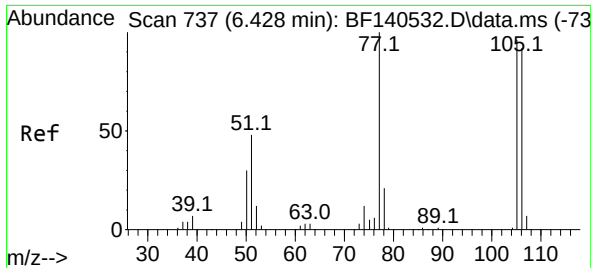
Tgt Ion: 99 Resp: 573476
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.5 30.6 46.0



#8
2-Chlorophenol
Concen: 54.235 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion: 128 Resp: 231896
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 45.7 30.2 70.2





#9

Benzaldehyde

Concen: 25.561 ng

RT: 6.422 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

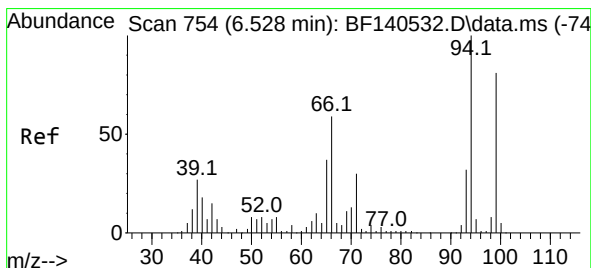
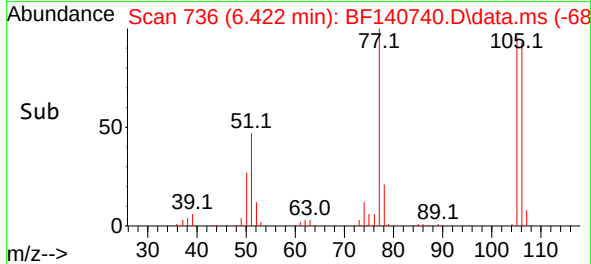
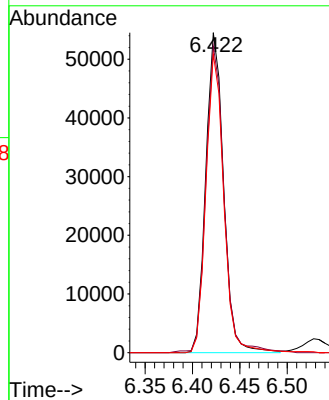
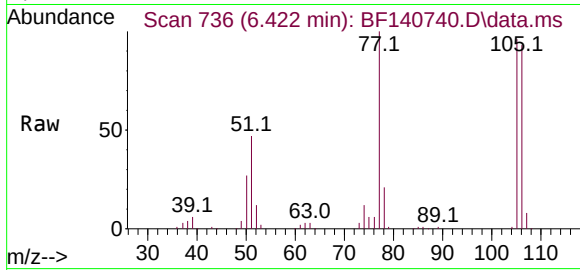
Tgt Ion: 77 Resp: 71098

Ion Ratio Lower Upper

77 100

105 95.9 75.6 115.6

106 93.3 72.0 112.0



#10

Phenol

Concen: 53.872 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

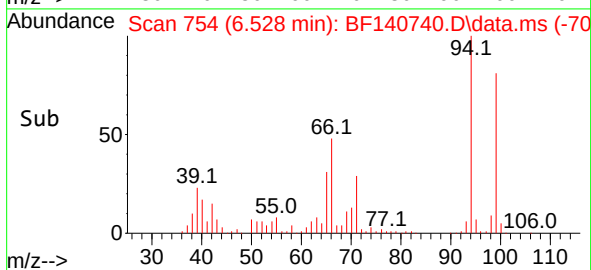
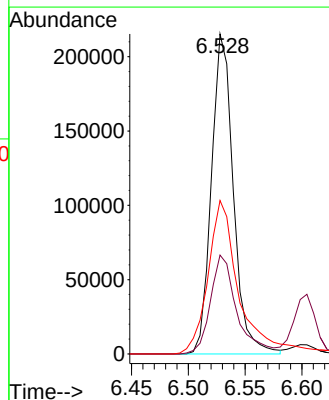
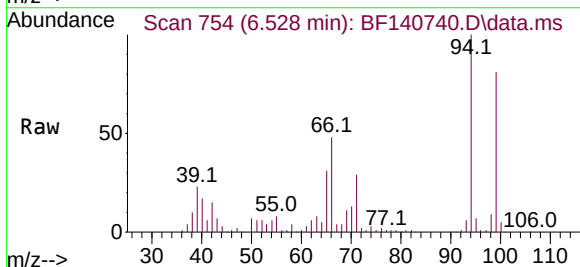
Tgt Ion: 94 Resp: 289068

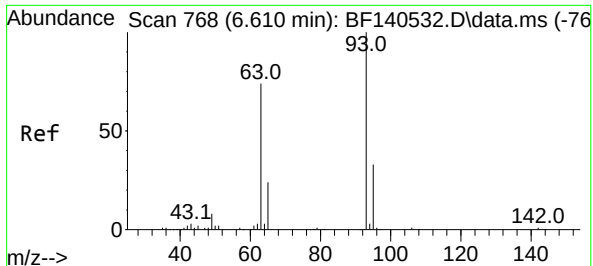
Ion Ratio Lower Upper

94 100

65 30.9 17.2 57.2

66 47.9 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 55.269 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

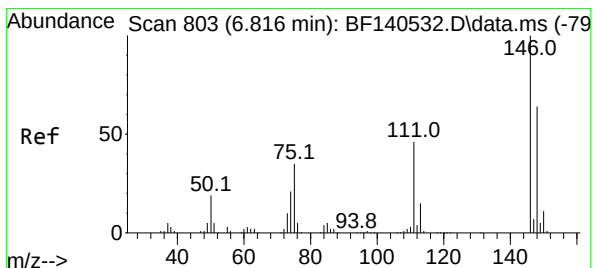
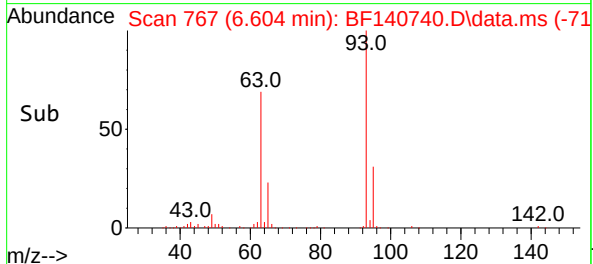
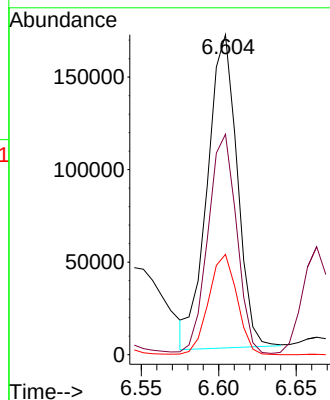
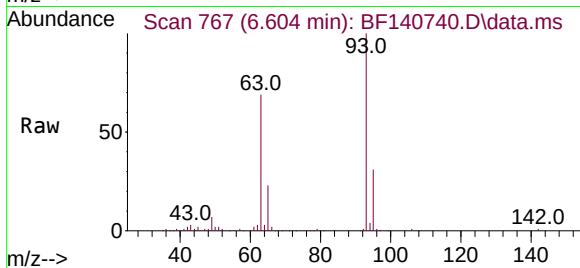
Tgt Ion: 93 Resp: 226938

Ion Ratio Lower Upper

93 100

63 68.9 52.8 92.8

95 31.4 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 49.820 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

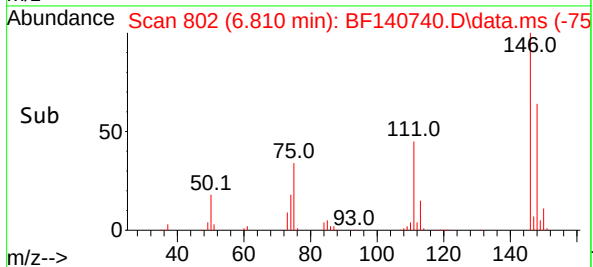
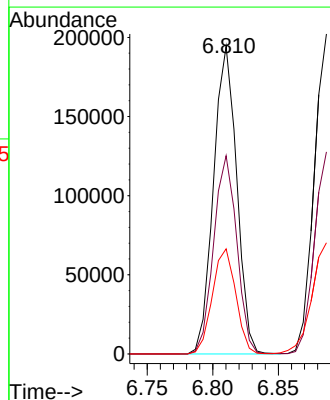
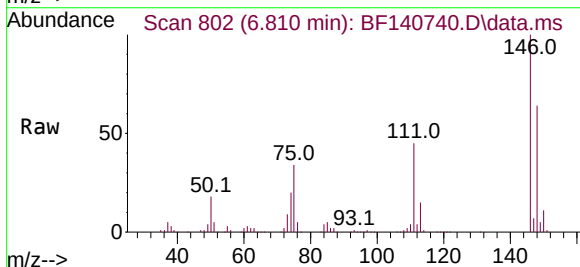
Tgt Ion: 146 Resp: 239357

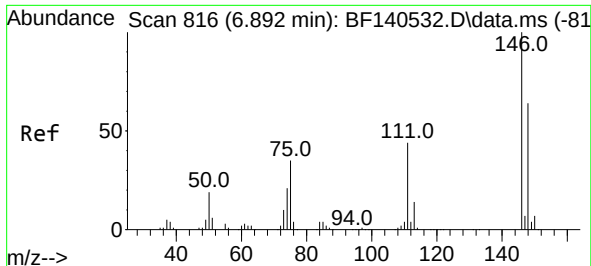
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

75 34.2 28.2 42.2

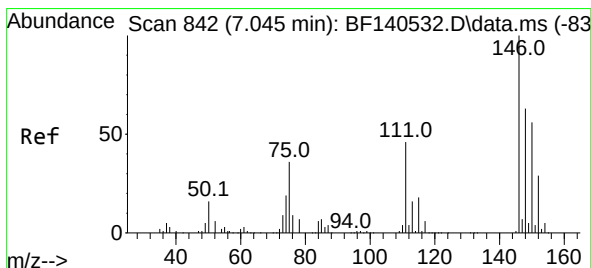
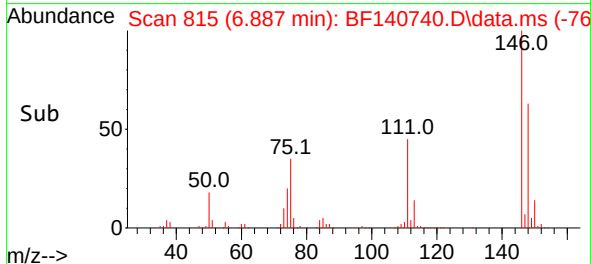
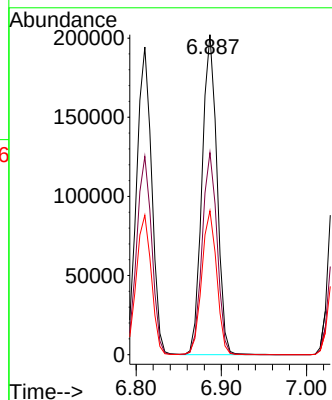
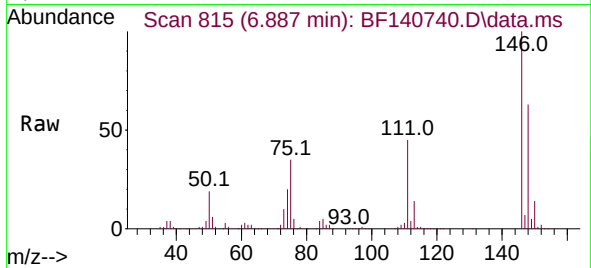




#13
1,4-Dichlorobenzene
Concen: 50.588 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

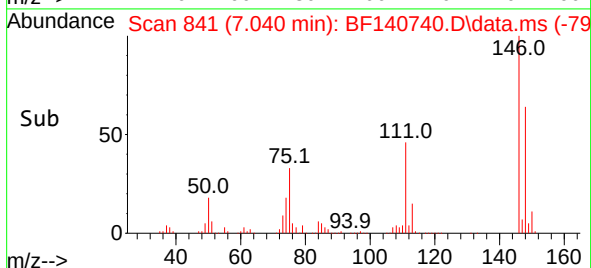
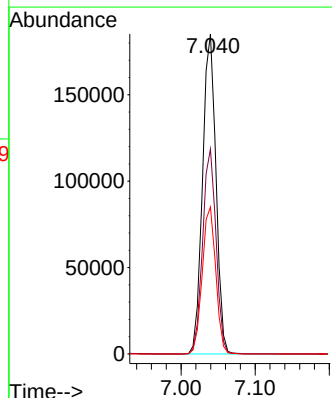
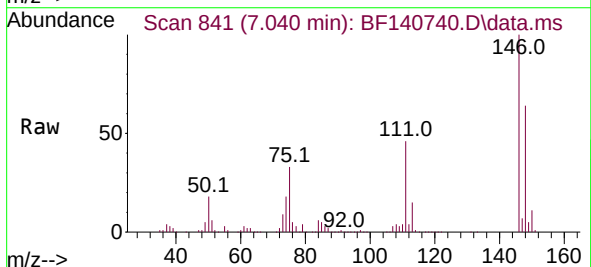
Instrument :
BNA_F
ClientSampleId :
MH-738MS

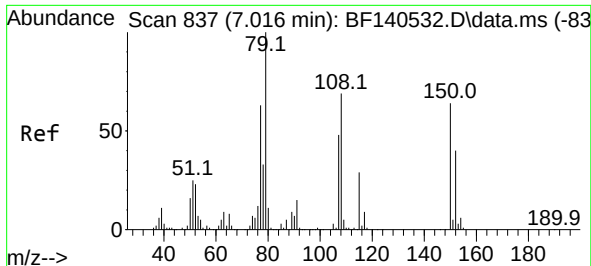
Tgt Ion:146 Resp: 246096
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 45.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 51.241 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:146 Resp: 233575
Ion Ratio Lower Upper
146 100
148 64.0 50.5 75.7
111 46.0 36.7 55.1

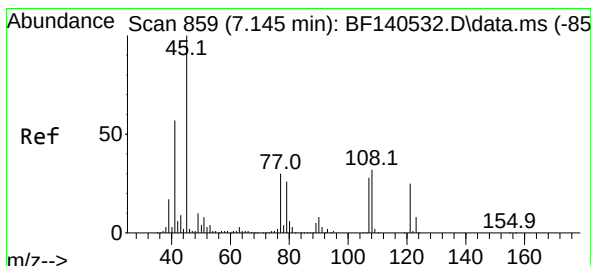
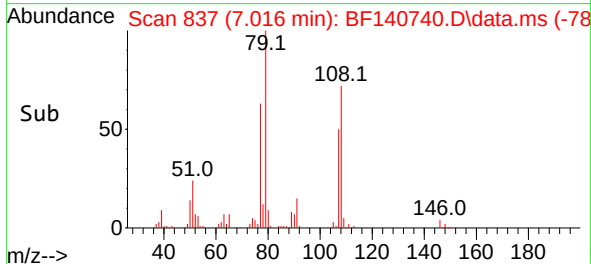
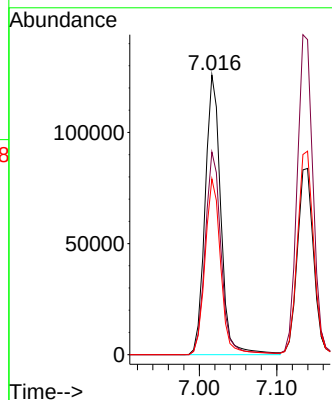
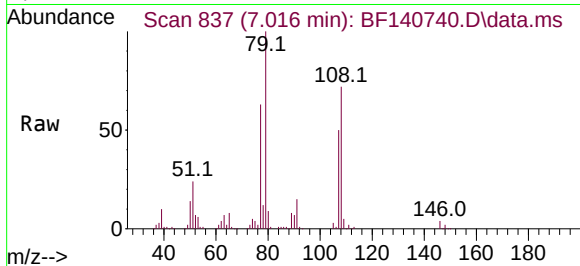




#15
Benzyl Alcohol
Concen: 45.480 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

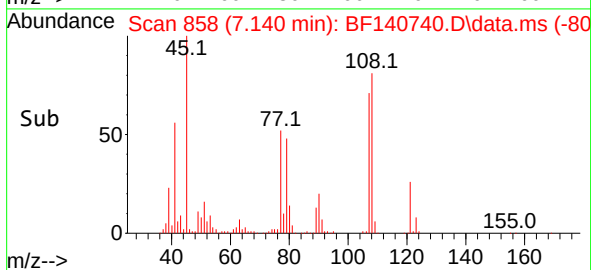
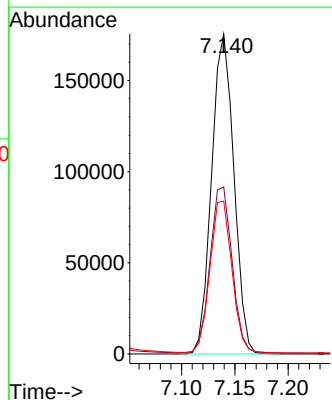
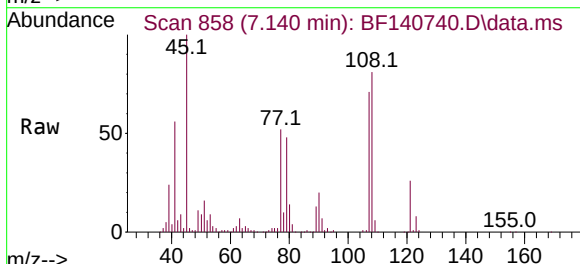
Instrument :
BNA_F
ClientSampleId :
MH-738MS

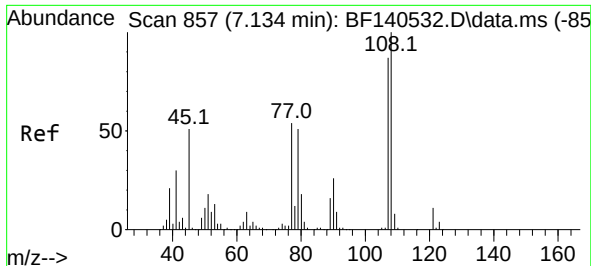
Tgt Ion: 79 Resp: 177208
Ion Ratio Lower Upper
79 100
108 72.4 55.0 82.6
77 62.9 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.503 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion: 45 Resp: 254682
Ion Ratio Lower Upper
45 100
77 52.2 10.7 50.7#
79 47.8 7.0 47.0#

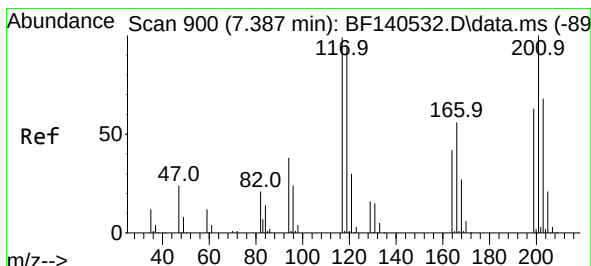
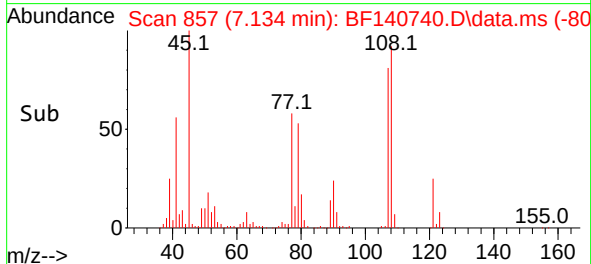
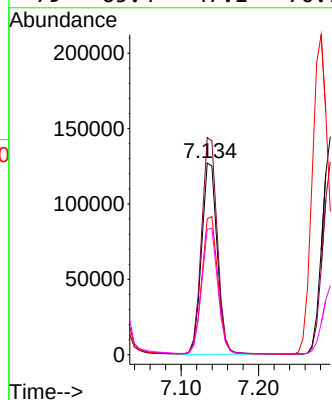
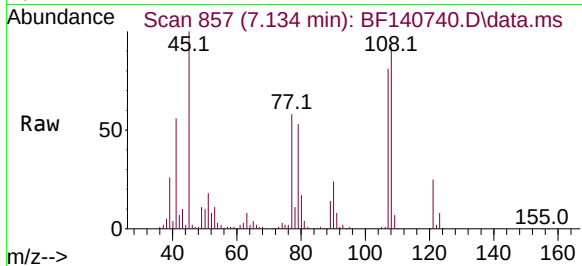




#17
2-Methylphenol
Concen: 52.044 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

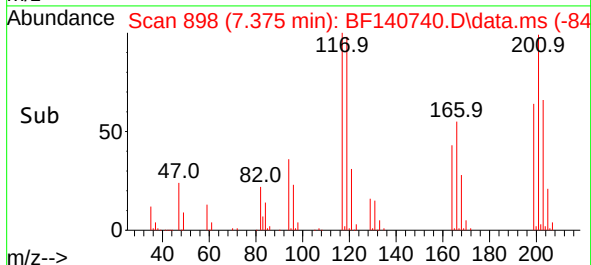
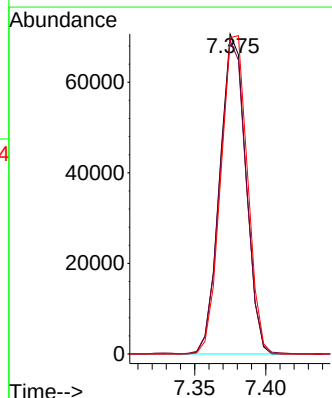
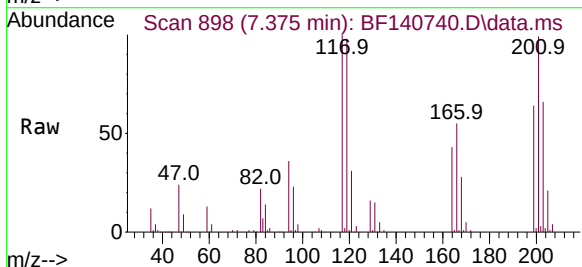
Instrument :
BNA_F
ClientSampleId :
MH-738MS

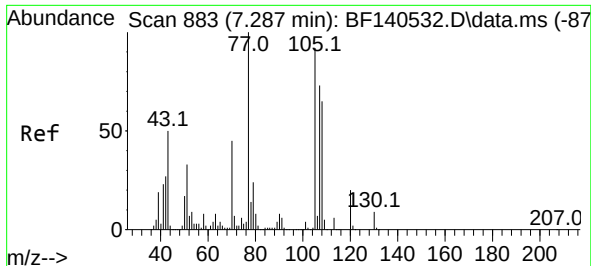
Tgt Ion:	107	Resp:	178132
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.7	137.5
77	70.8	49.3	73.9
79	65.4	47.1	70.7



#18
Hexachloroethane
Concen: 49.514 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:	117	Resp:	89961
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.1	115.7
201	98.8	81.1	121.7



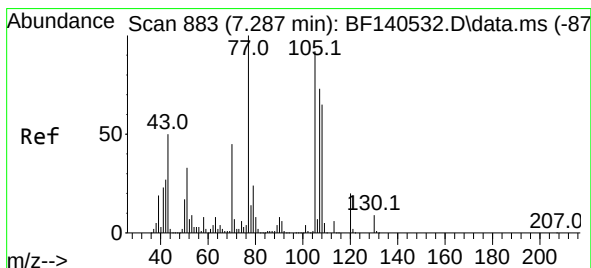
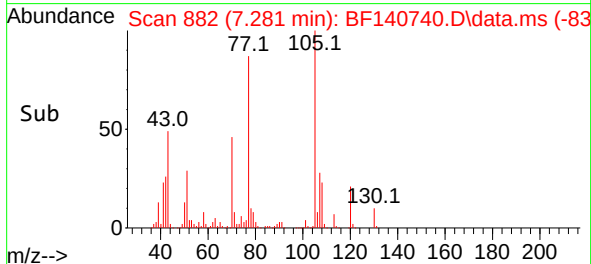
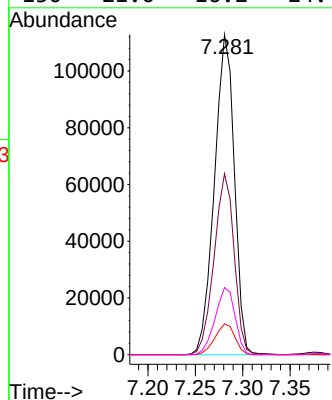
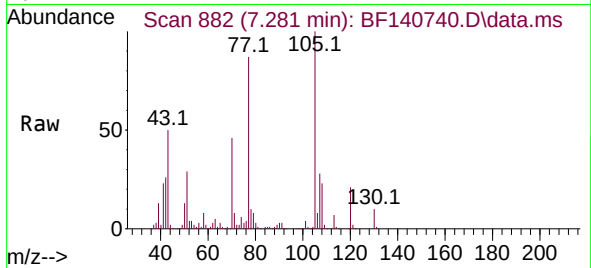


#19
n-Nitroso-di-n-propylamine
Concen: 53.289 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Instrument :
BNA_F
ClientSampleId :
MH-738MS

Tgt Ion: 70 Resp: 165473

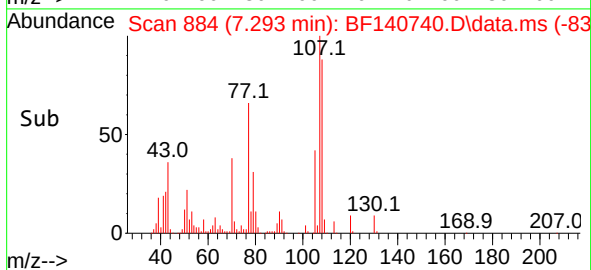
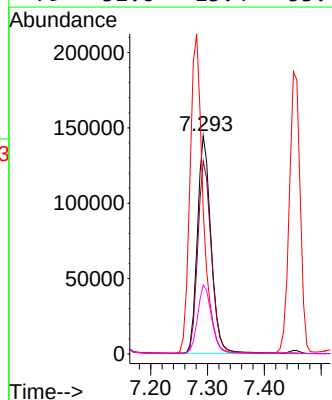
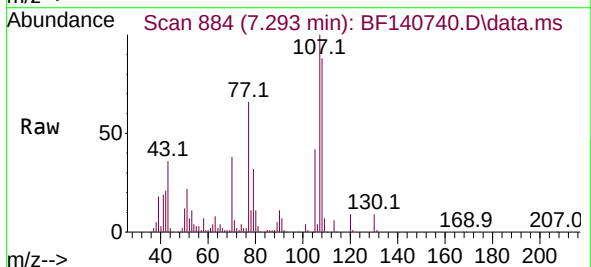
Ion	Ratio	Lower	Upper
70	100		
42	56.6	47.6	71.4
101	9.7	7.6	11.4
130	21.0	16.2	24.4

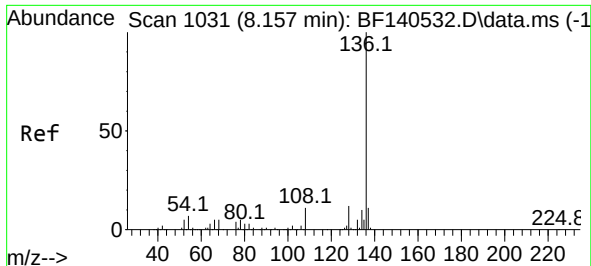


#20
3+4-Methylphenols
Concen: 54.735 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion: 107 Resp: 240800

Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.9	109.9
77	65.7	117.7	157.7#
79	31.6	13.4	53.4

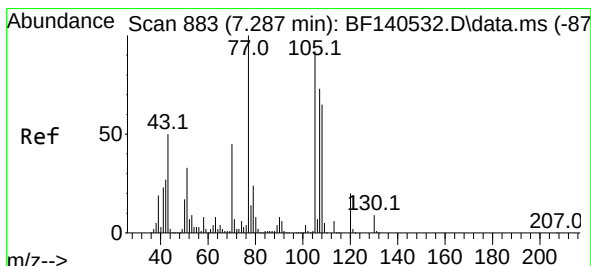
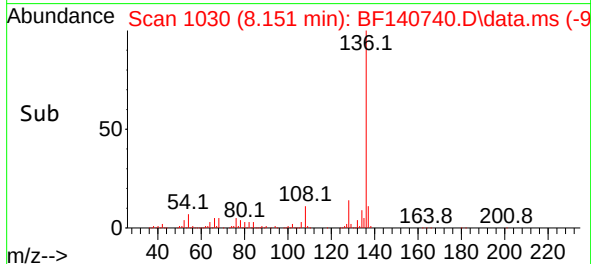
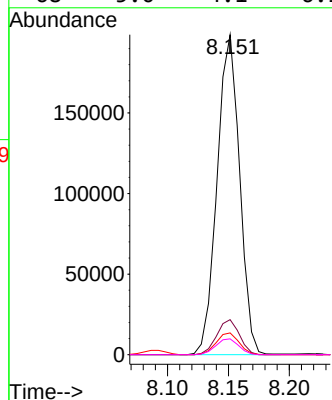
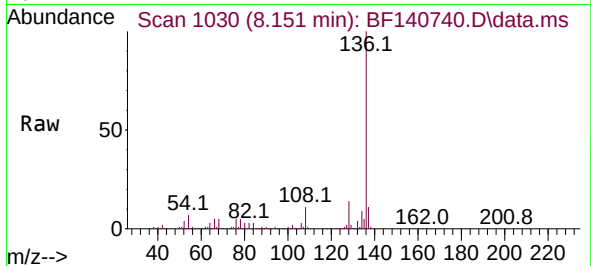




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

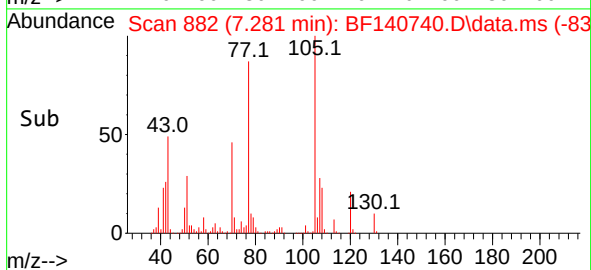
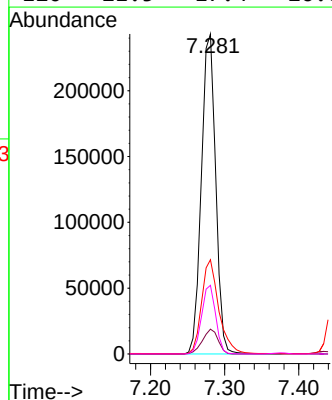
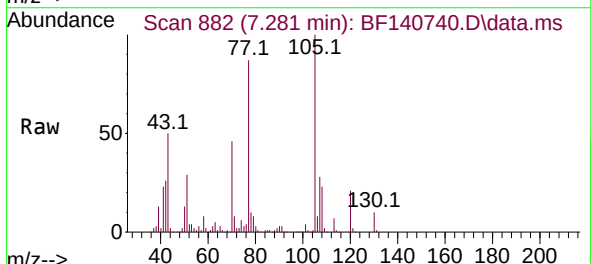
Instrument :
BNA_F
ClientSampleId :
MH-738MS

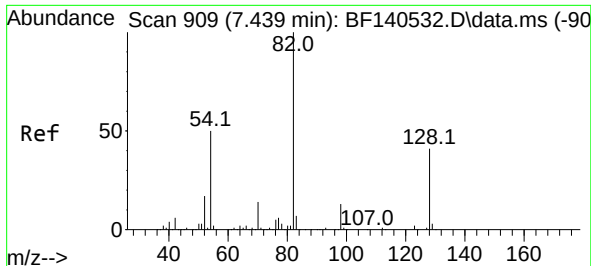
Tgt	Ion:136	Resp:	255688
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.8	5.8	8.8
68	5.0	4.1	6.1



#22
Acetophenone
Concen: 52.289 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt	Ion:105	Resp:	325948
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.2
51	29.4	29.0	43.6
120	21.5	17.4	26.0





#23

Nitrobenzene-d5

Concen: 73.835 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

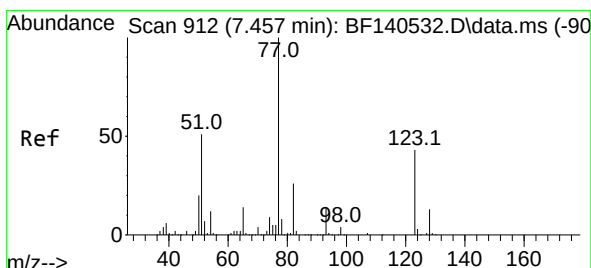
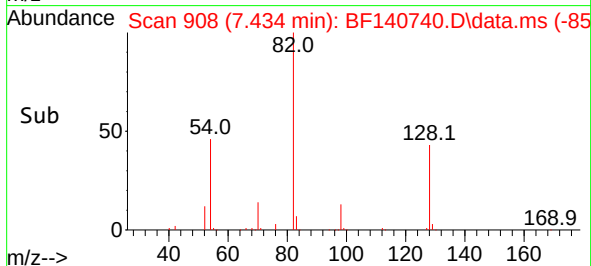
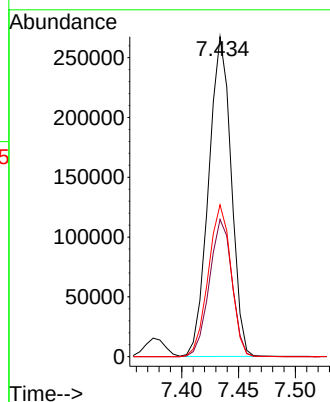
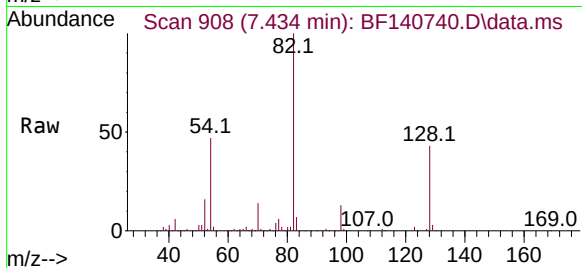
Tgt Ion: 82 Resp: 369084

Ion Ratio Lower Upper

82 100

128 42.9 33.0 49.4

54 47.5 39.5 59.3



#24

Nitrobenzene

Concen: 47.899 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

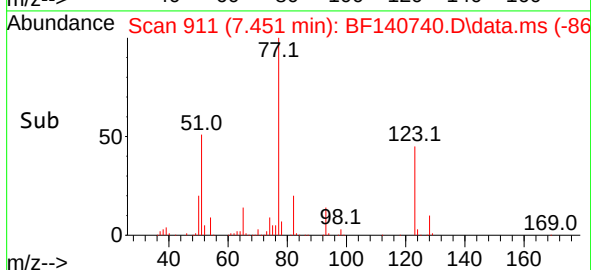
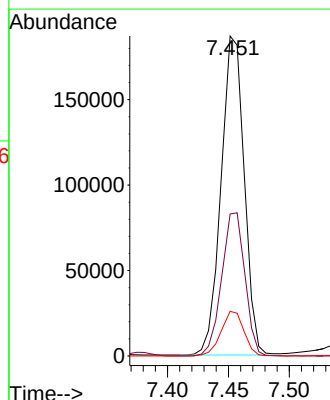
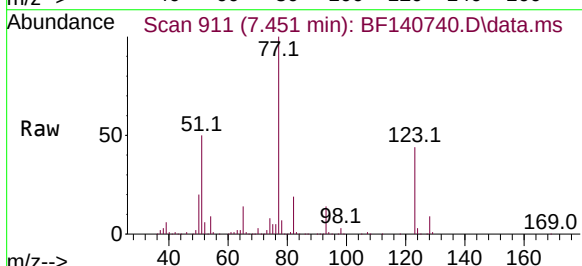
Tgt Ion: 77 Resp: 247466

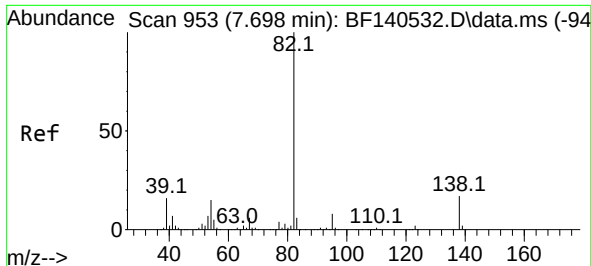
Ion Ratio Lower Upper

77 100

123 44.3 34.3 51.5

65 14.0 11.2 16.8

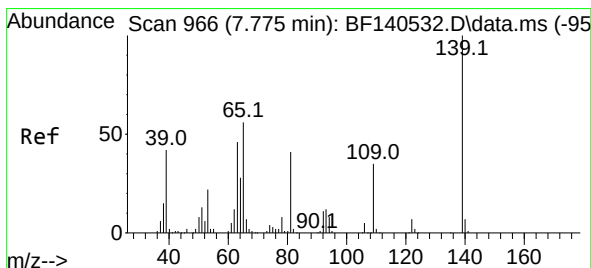
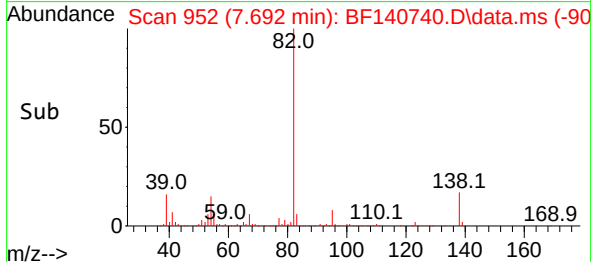
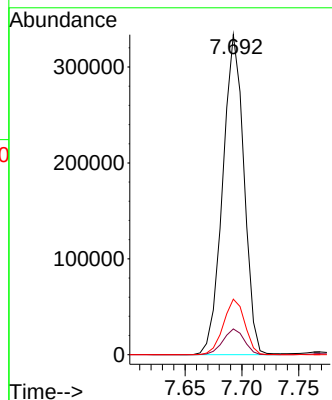
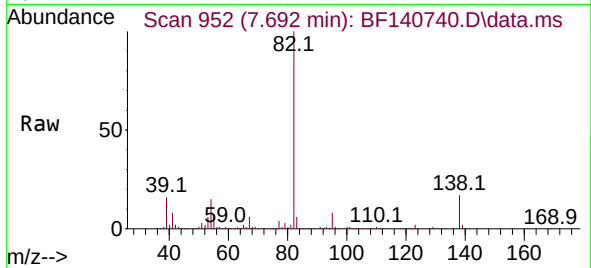




#25
Isophorone
Concen: 52.175 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

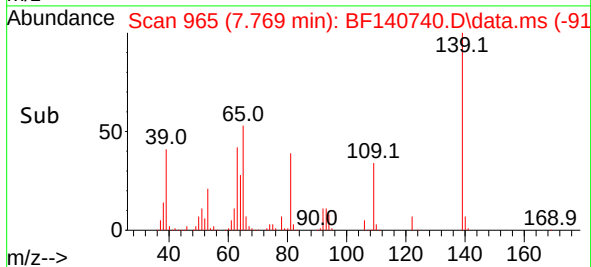
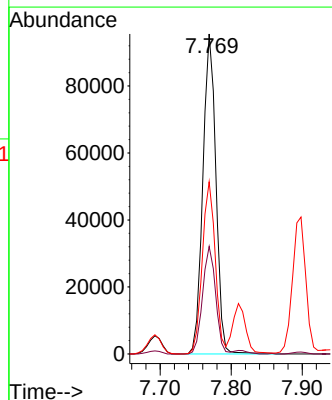
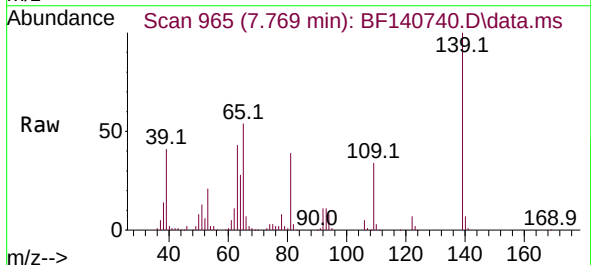
Instrument :
BNA_F
ClientSampleId :
MH-738MS

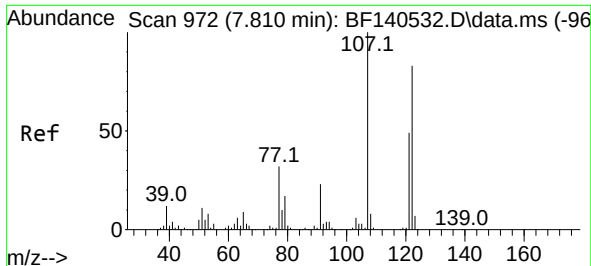
Tgt Ion: 82 Resp: 435015
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.4 13.8 20.6



#26
2-Nitrophenol
Concen: 53.521 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:139 Resp: 122536
Ion Ratio Lower Upper
139 100
109 33.6 28.0 42.0
65 53.8 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 66.441 ng m

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

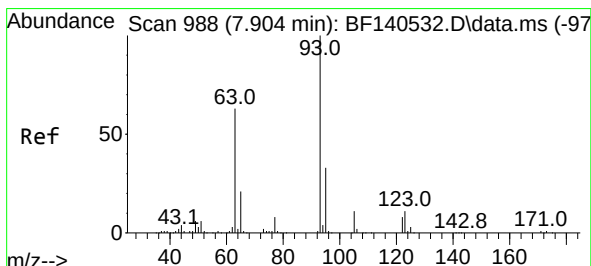
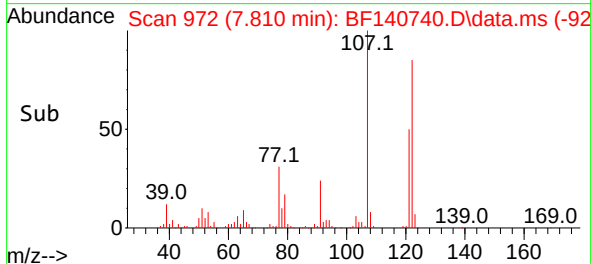
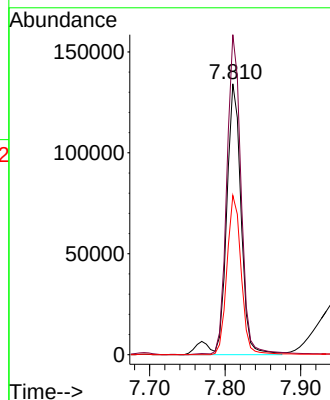
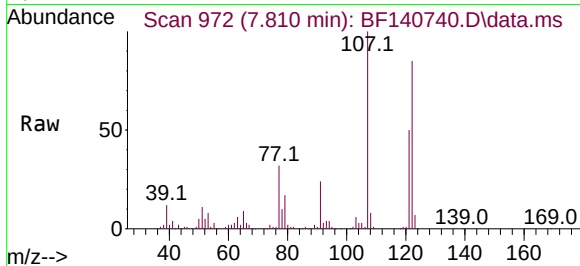
Tgt Ion:122 Resp: 182004

Ion Ratio Lower Upper

122 100

107 118.1 96.8 145.2

121 58.8 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 51.646 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

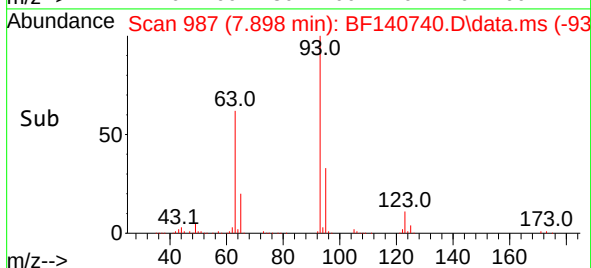
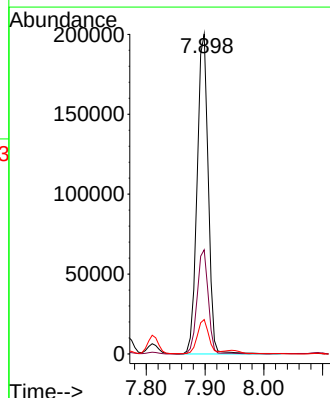
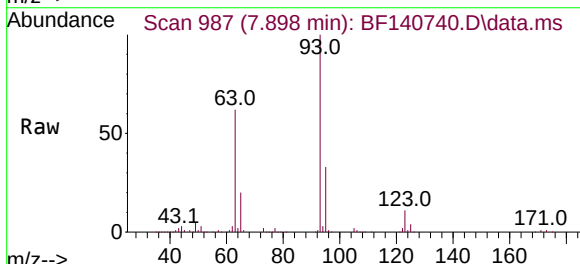
Tgt Ion: 93 Resp: 262325

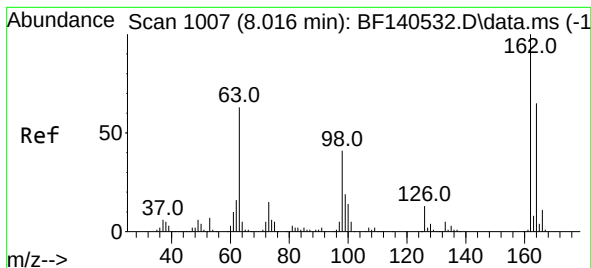
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 54.550 ng

RT: 8.034 min Scan# 1007

Delta R.T. 0.018 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

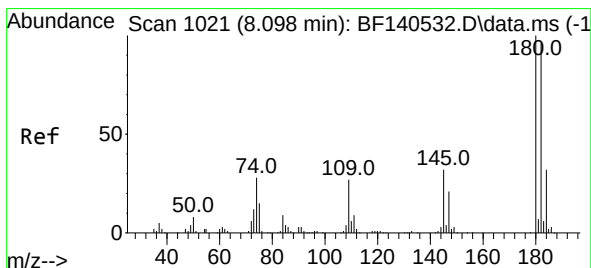
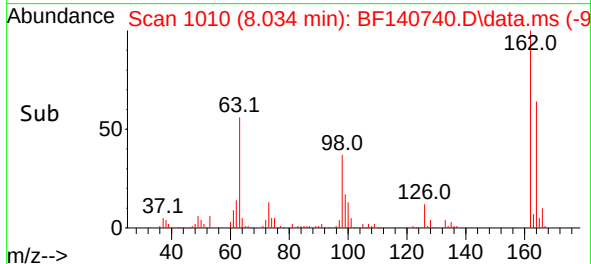
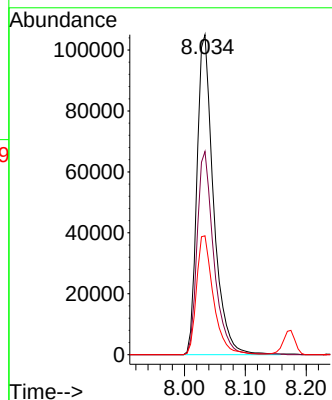
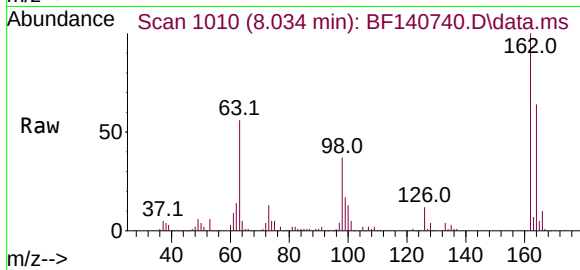
Tgt Ion:162 Resp: 198008

Ion Ratio Lower Upper

162 100

164 63.5 44.8 84.8

98 37.2 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 49.270 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

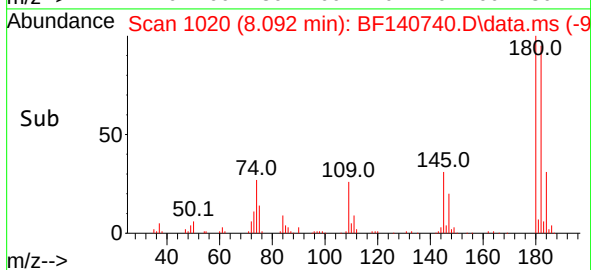
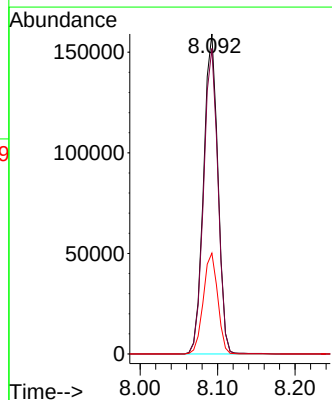
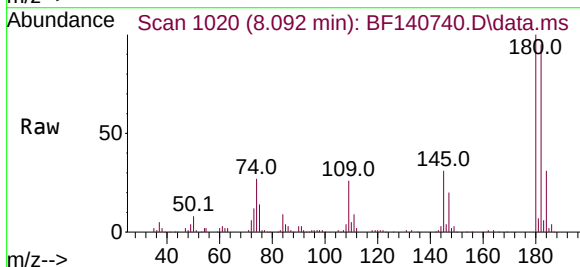
Tgt Ion:180 Resp: 204199

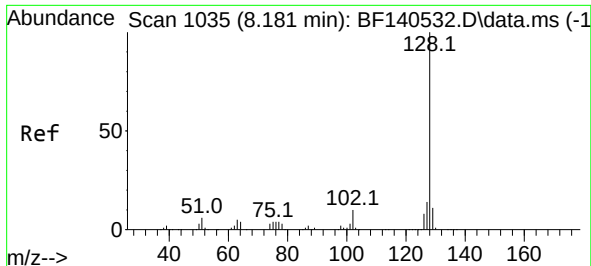
Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.5 25.9 38.9

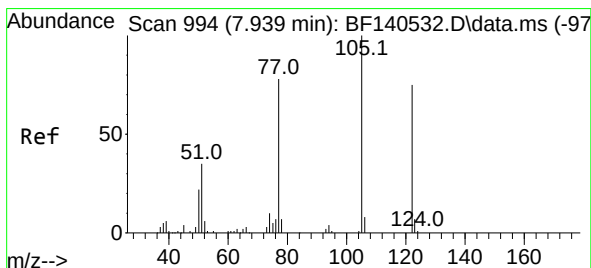
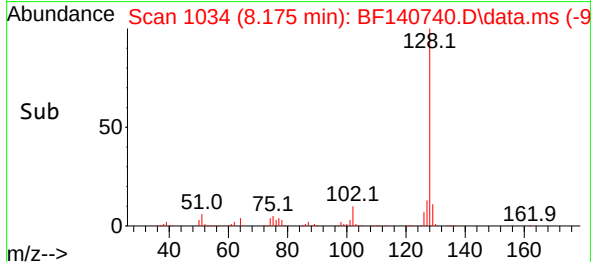
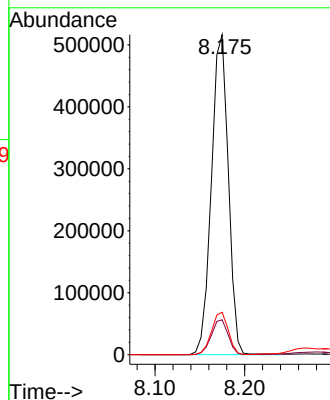
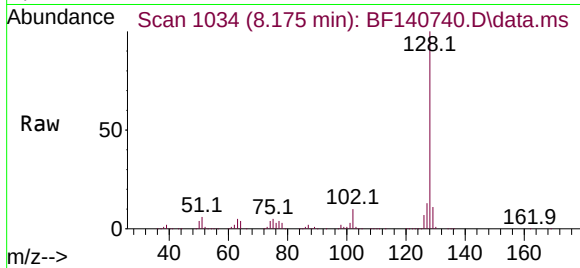




#31
Naphthalene
Concen: 51.329 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

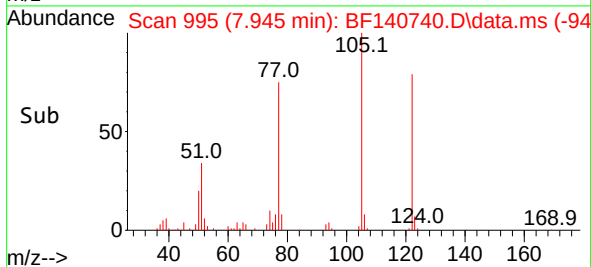
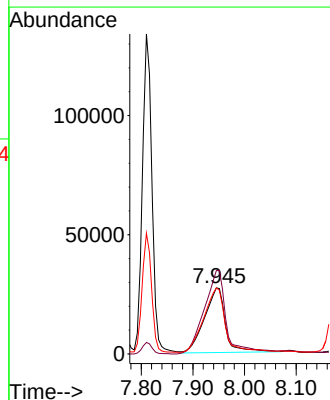
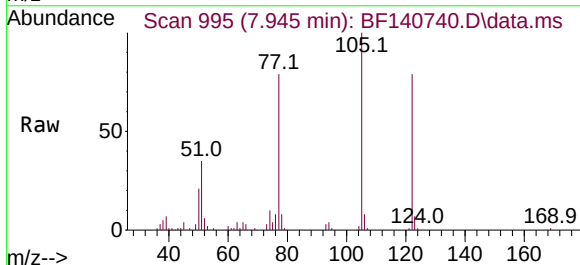
Instrument :
BNA_F
ClientSampleId :
MH-738MS

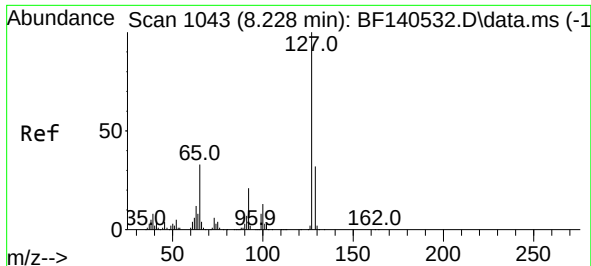
Tgt Ion:128 Resp: 676006
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 34.528 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:122 Resp: 76650
Ion Ratio Lower Upper
122 100
105 126.1 109.3 149.3
77 99.9 82.3 122.3

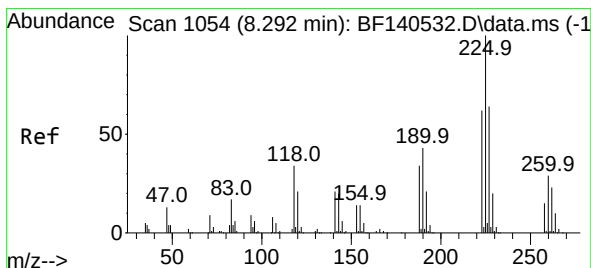
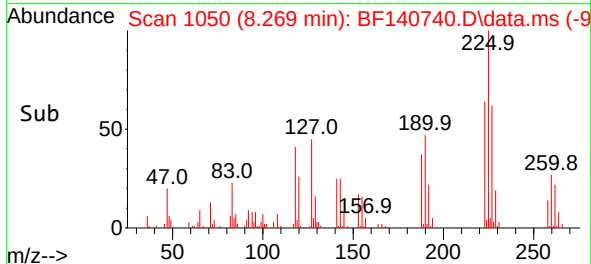
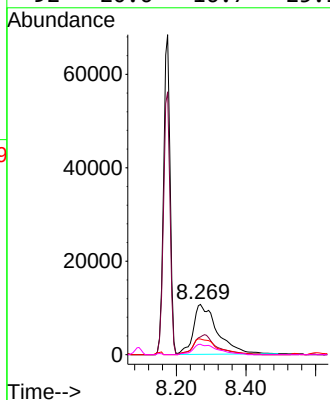
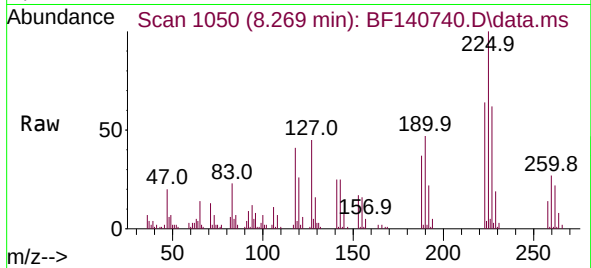




#33
4-Chloroaniline
Concen: 13.010 ng
RT: 8.269 min Scan# 1043
Delta R.T. 0.041 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

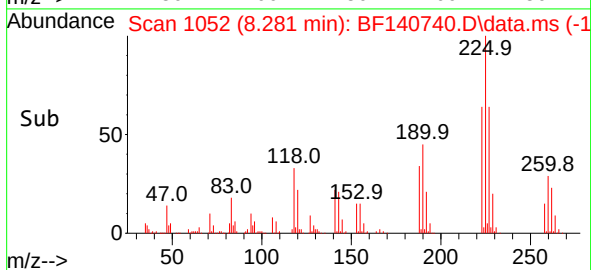
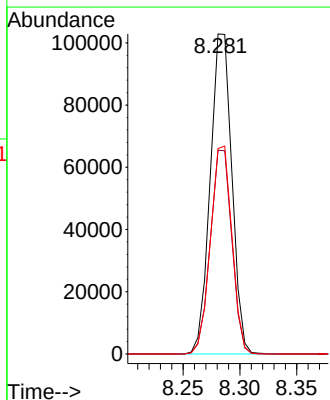
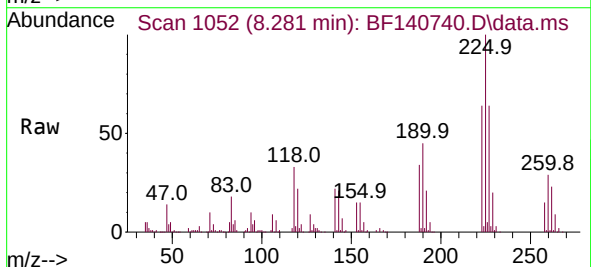
Instrument :
BNA_F
ClientSampleId :
MH-738MS

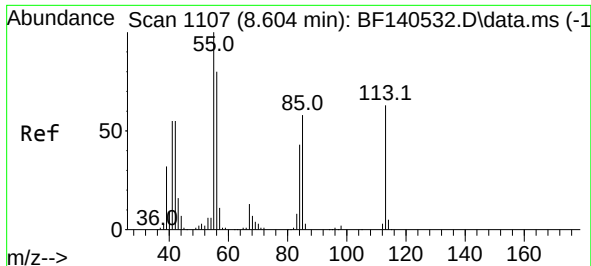
Tgt Ion:	127	Resp:	51301
Ion	Ratio	Lower	Upper
127	100		
129	35.2	26.0	39.0
65	31.1	26.0	39.0
92	20.6	16.7	25.1



#34
Hexachlorobutadiene
Concen: 49.616 ng
RT: 8.281 min Scan# 1052
Delta R.T. -0.012 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:	225	Resp:	136202
Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.8	74.8
227	64.2	51.3	76.9

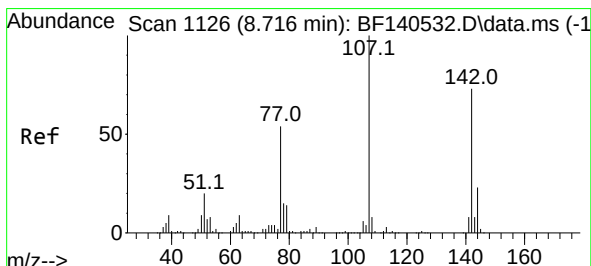
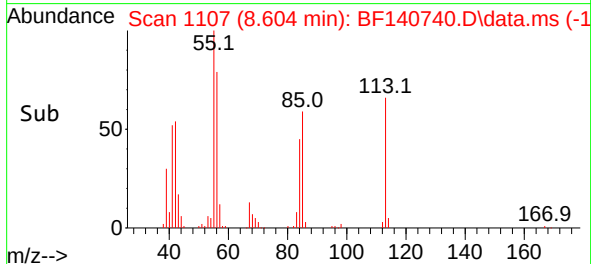
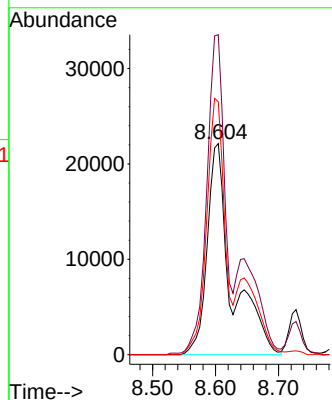
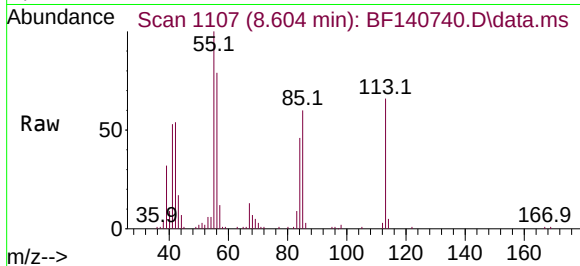




#35
 Caprolactam
 Concen: 53.026 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF140740.D
 Acq: 04 Dec 2024 21:15

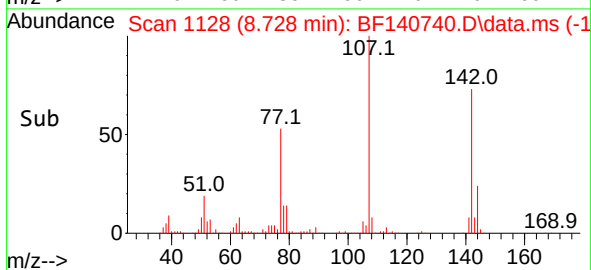
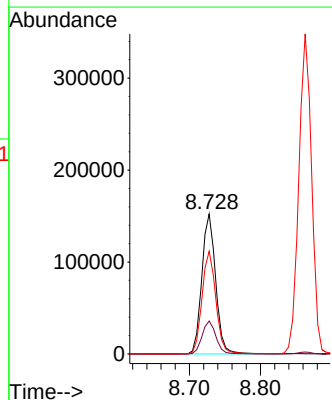
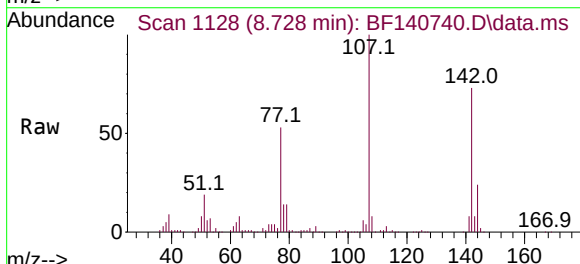
Instrument :
 BNA_F
 ClientSampleId :
 MH-738MS

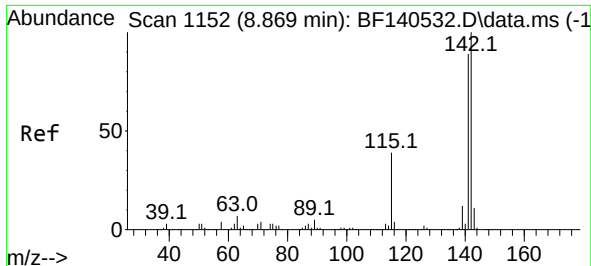
Tgt Ion:113 Resp: 59565
 Ion Ratio Lower Upper
 113 100
 55 151.6 137.7 177.7
 56 119.9 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.034 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: BF140740.D
 Acq: 04 Dec 2024 21:15

Tgt Ion:107 Resp: 207407
 Ion Ratio Lower Upper
 107 100
 144 23.6 18.7 28.1
 142 73.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 52.020 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

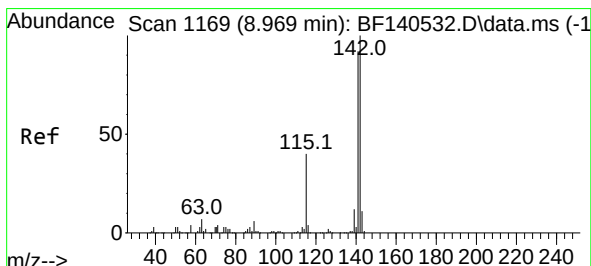
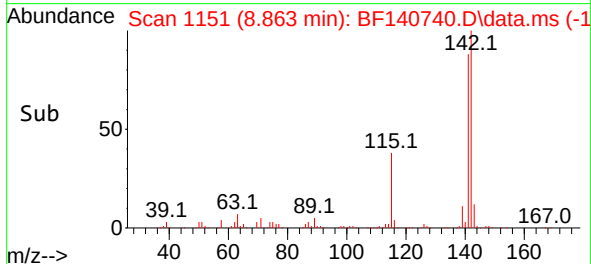
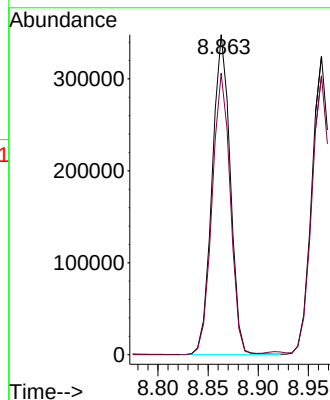
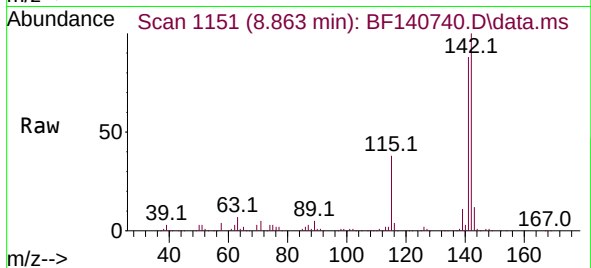
MH-738MS

Tgt Ion:142 Resp: 435151

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 49.416 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140740.D

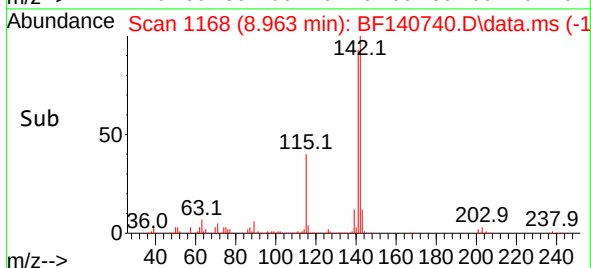
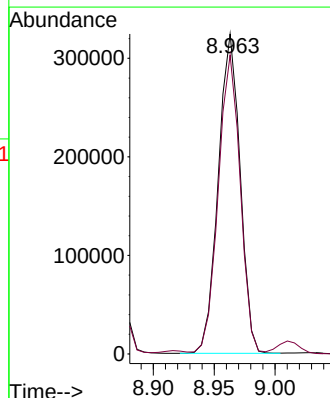
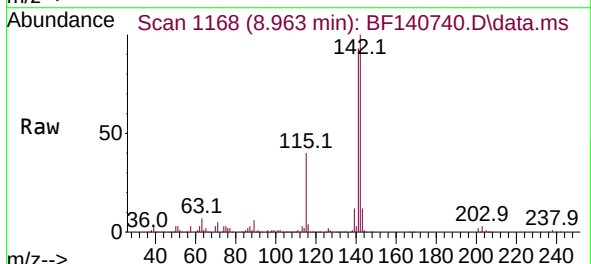
Acq: 04 Dec 2024 21:15

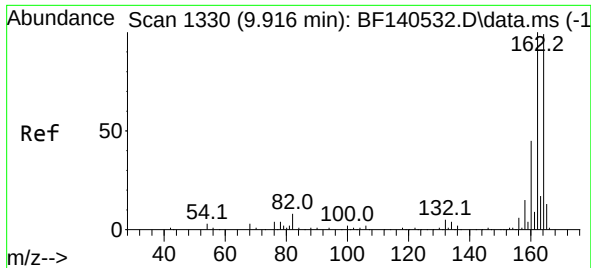
Tgt Ion:142 Resp: 405189

Ion Ratio Lower Upper

142 100

141 93.4 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

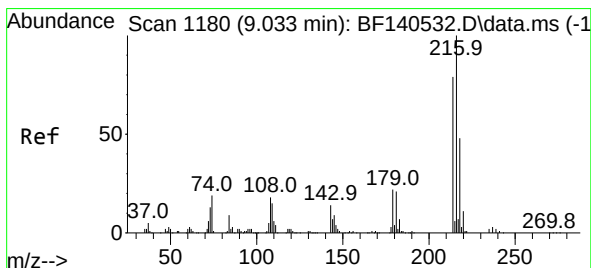
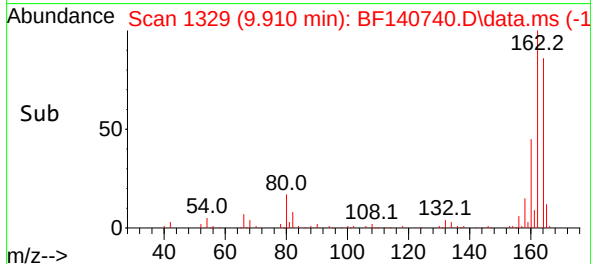
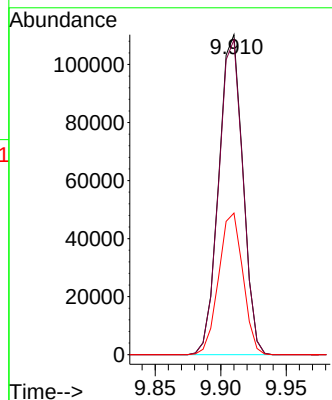
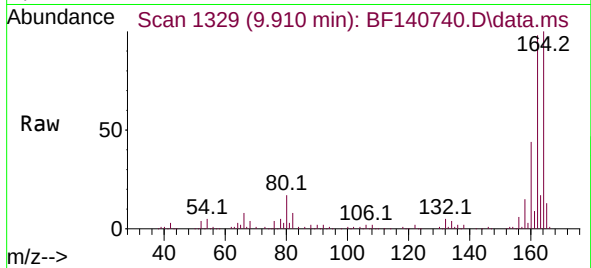
Tgt Ion:164 Resp: 140893

Ion Ratio Lower Upper

164 100

162 98.4 80.6 120.8

160 44.3 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.357 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Tgt Ion:216 Resp: 215956

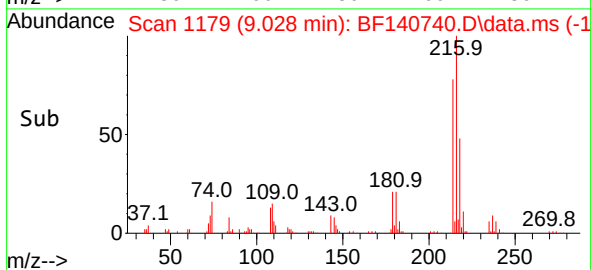
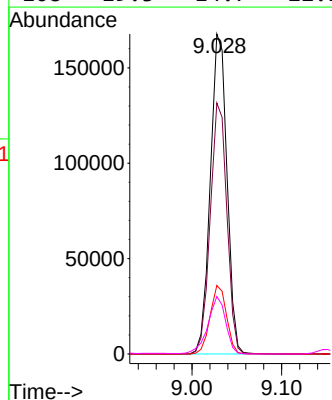
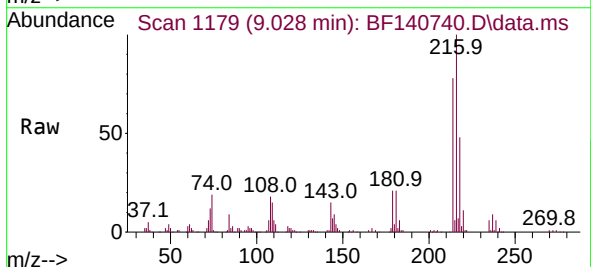
Ion Ratio Lower Upper

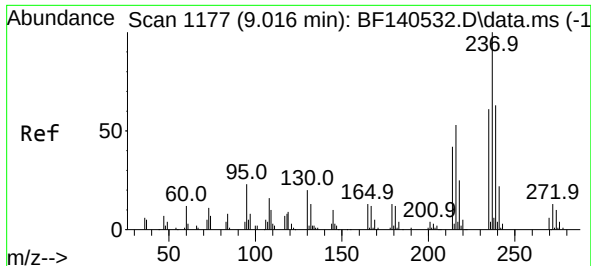
216 100

214 78.4 63.0 94.4

179 21.1 17.5 26.3

108 19.3 14.7 22.1

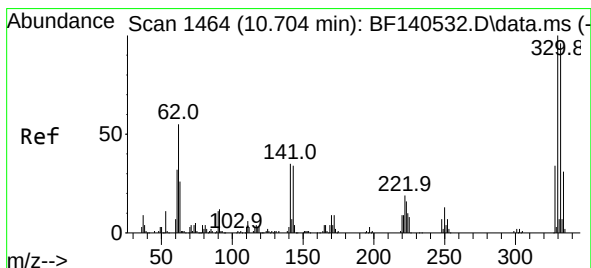
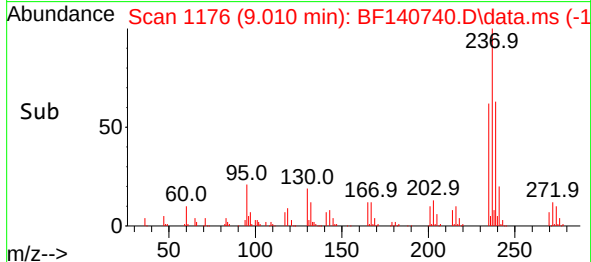
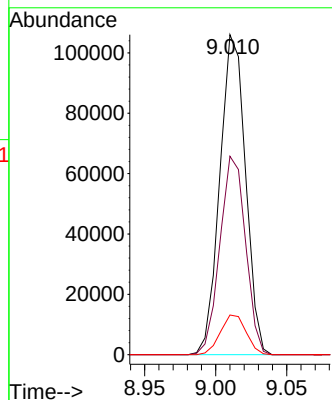
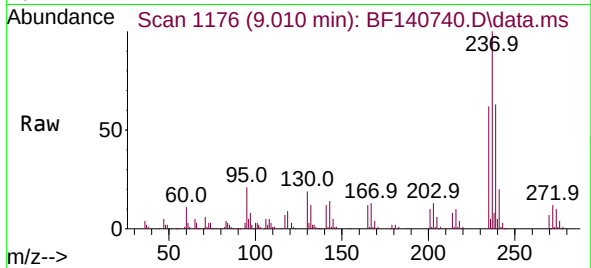




#41
Hexachlorocyclopentadiene
Concen: 138.036 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

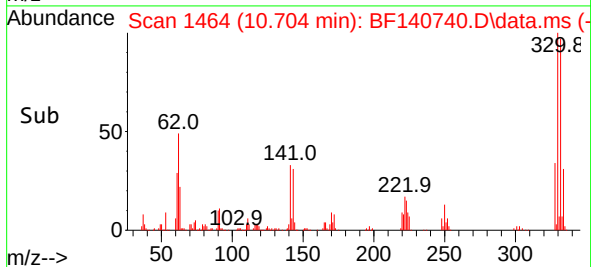
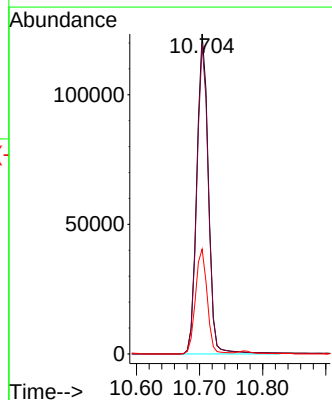
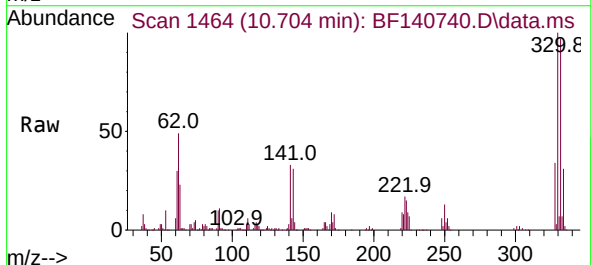
Instrument :
BNA_F
ClientSampleId :
MH-738MS

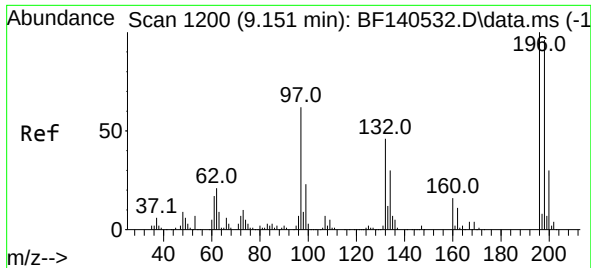
Tgt Ion:237 Resp: 133373
Ion Ratio Lower Upper
237 100
235 62.0 41.1 81.1
272 12.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 104.700 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:330 Resp: 157769
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 33.0 26.7 40.1

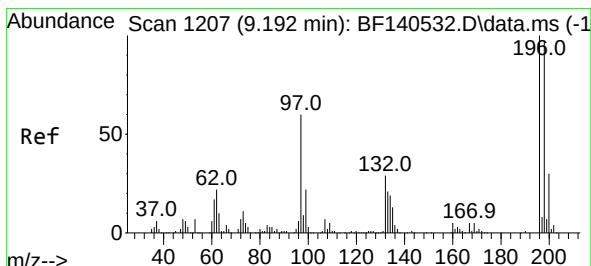
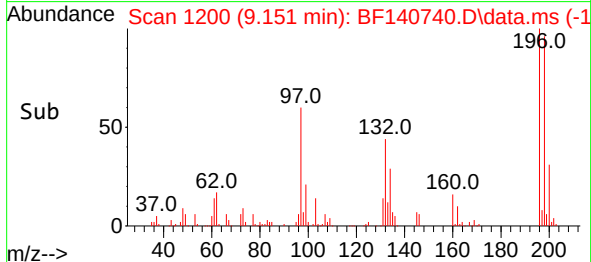
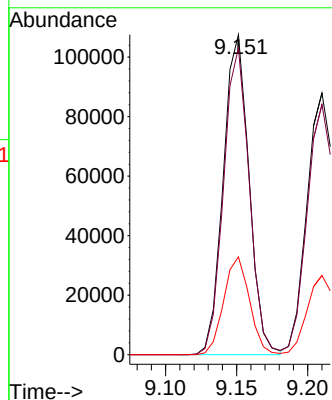
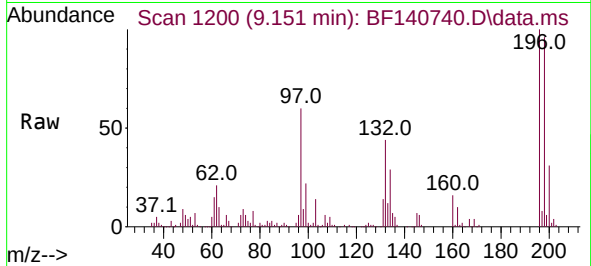




#43
2,4,6-Trichlorophenol
Concen: 52.364 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

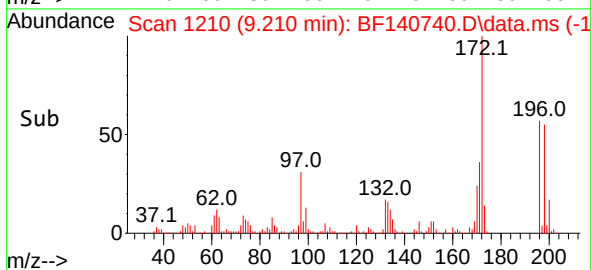
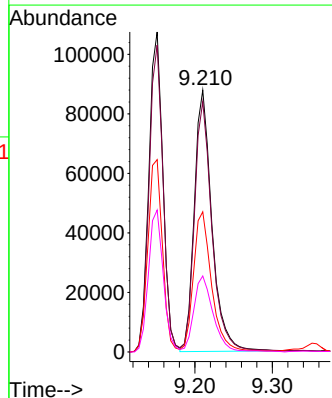
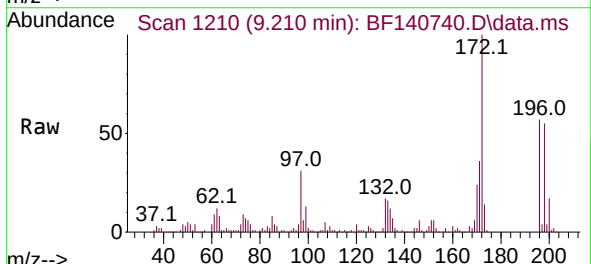
Instrument :
BNA_F
ClientSampleId :
MH-738MS

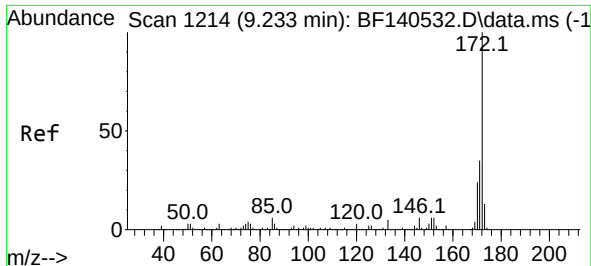
Tgt Ion:196 Resp: 135528
Ion Ratio Lower Upper
196 100
198 95.9 76.8 115.2
200 30.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 49.369 ng
RT: 9.210 min Scan# 1210
Delta R.T. 0.018 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

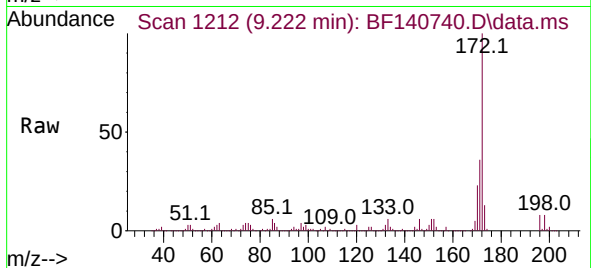
Tgt Ion:196 Resp: 138672
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 53.5 47.1 70.7
132 29.0 24.1 36.1



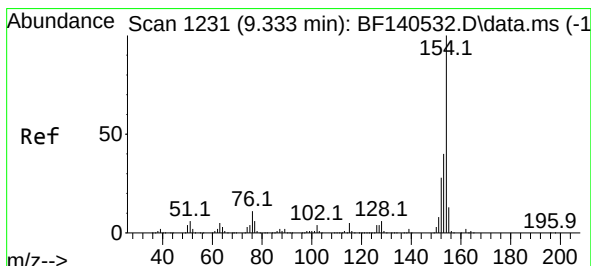
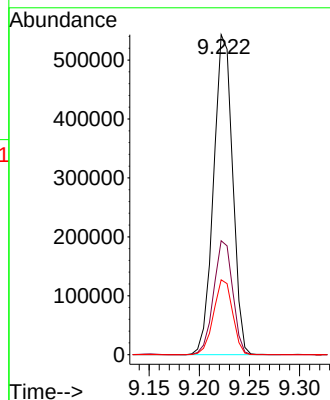
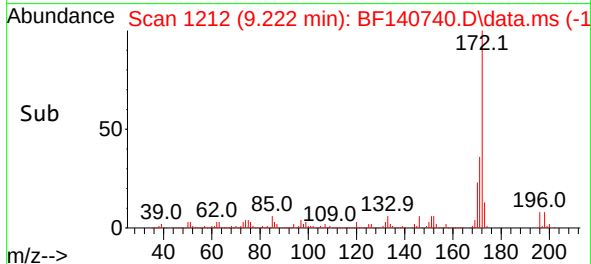


#45
2-Fluorobiphenyl
Concen: 75.845 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

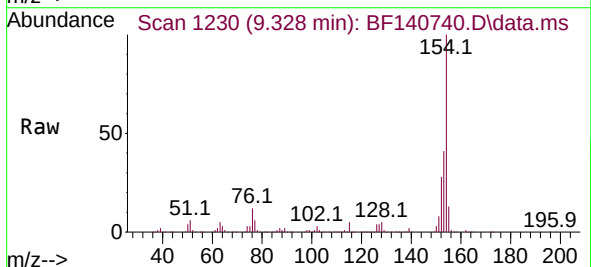
Instrument :
BNA_F
ClientSampleId :
MH-738MS



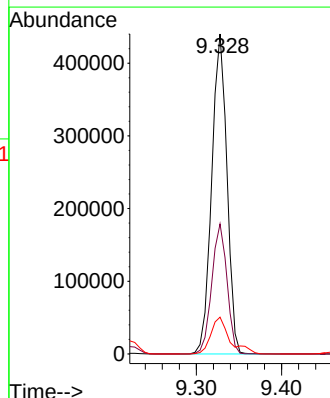
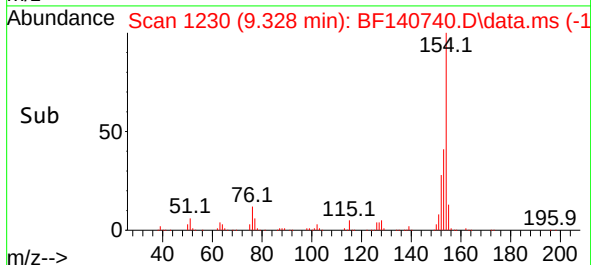
Tgt Ion:172 Resp: 717214
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 19.0 28.6

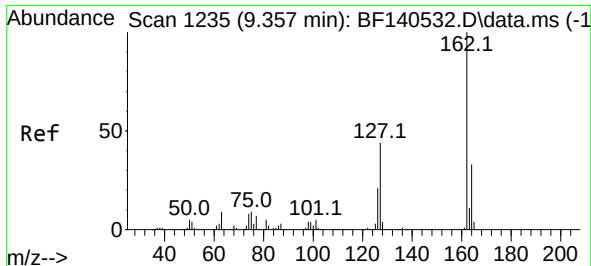


#46
1,1'-Biphenyl
Concen: 51.930 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15



Tgt Ion:154 Resp: 546260
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.5 0.0 31.2





#47

2-Chloronaphthalene

Concen: 51.301 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

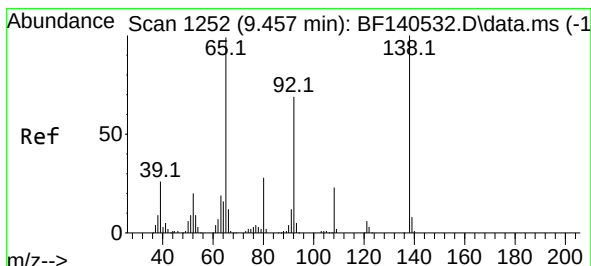
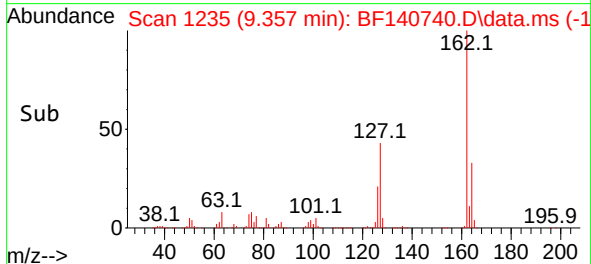
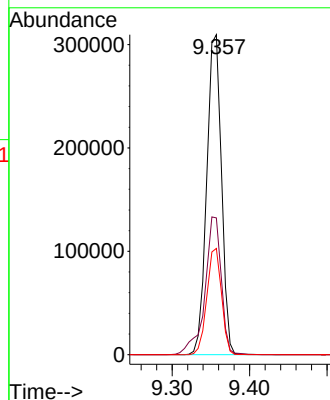
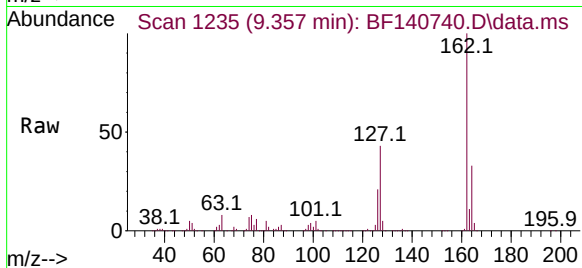
Tgt Ion:162 Resp: 408898

Ion Ratio Lower Upper

162 100

127 42.7 35.7 53.5

164 33.2 26.1 39.1



#48

2-Nitroaniline

Concen: 50.752 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

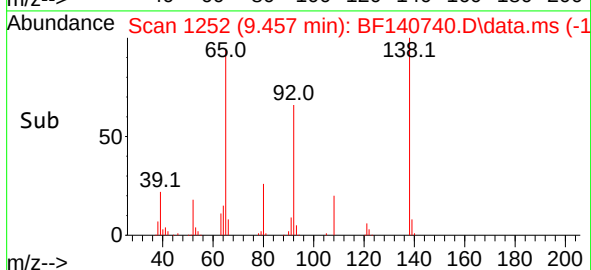
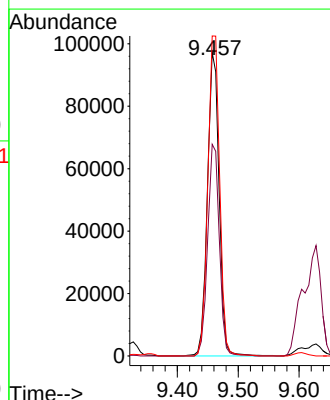
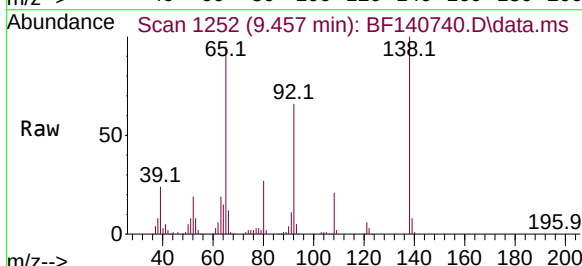
Tgt Ion: 65 Resp: 129844

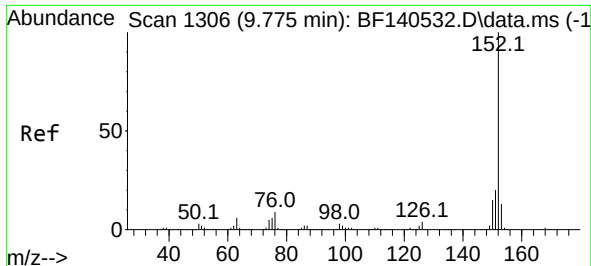
Ion Ratio Lower Upper

65 100

92 69.8 56.1 84.1

138 105.5 81.0 121.6





#49

Acenaphthylene

Concen: 54.467 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

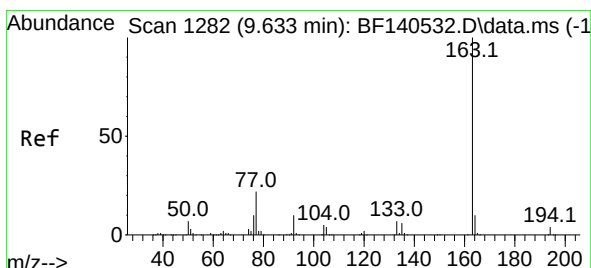
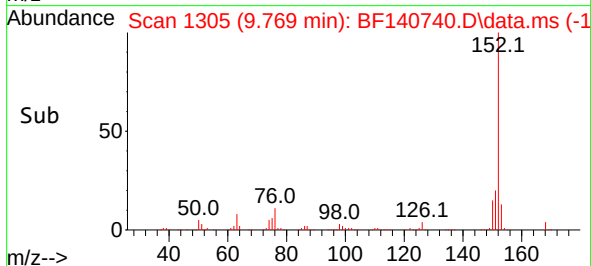
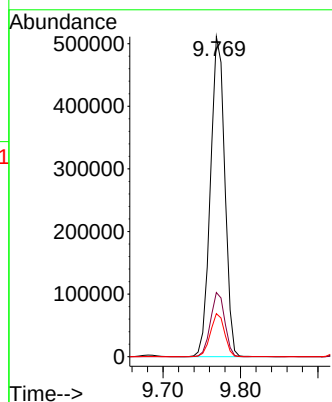
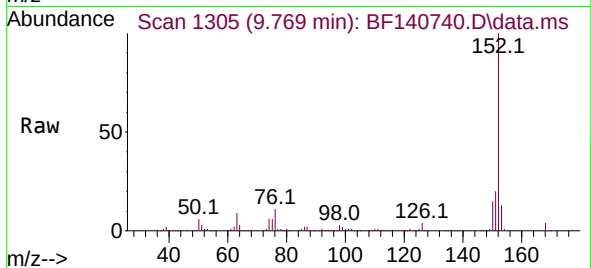
Tgt Ion:152 Resp: 655950

Ion Ratio Lower Upper

152 100

151 20.0 15.9 23.9

153 13.4 10.6 16.0



#50

Dimethylphthalate

Concen: 52.905 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

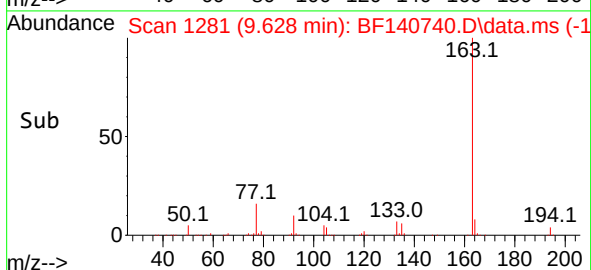
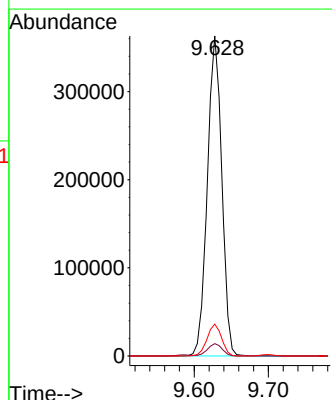
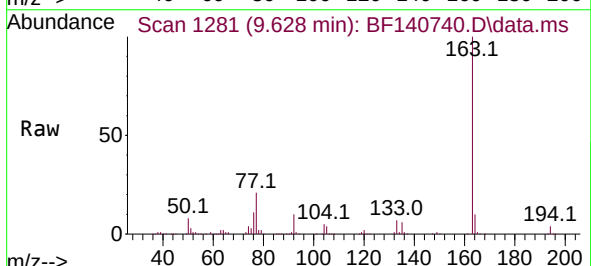
Tgt Ion:163 Resp: 490914

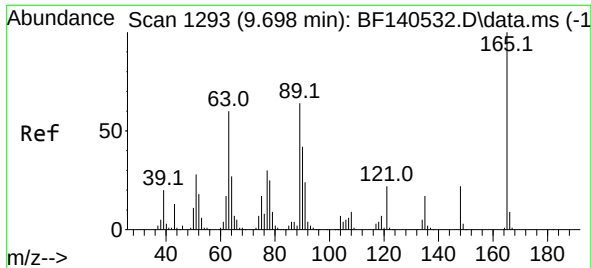
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.0 8.2 12.2

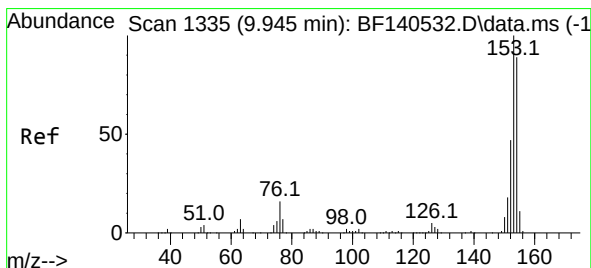
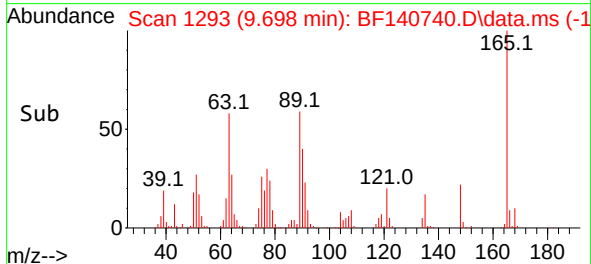
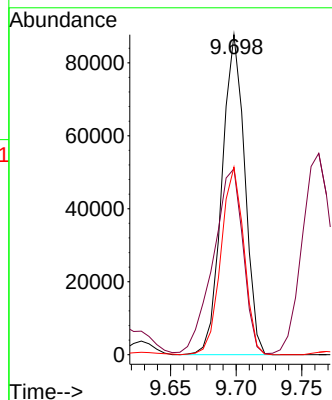
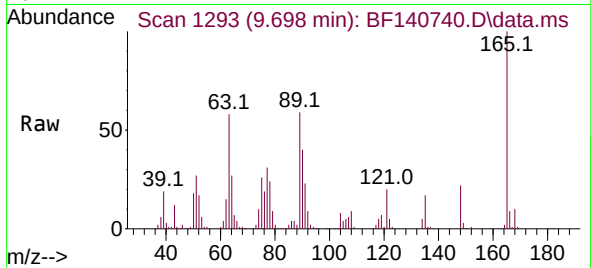




#51
2,6-Dinitrotoluene
Concen: 50.250 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

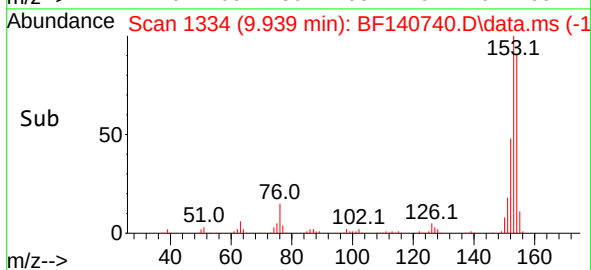
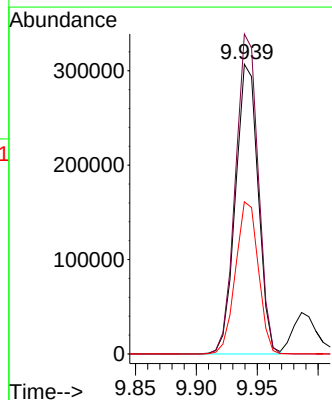
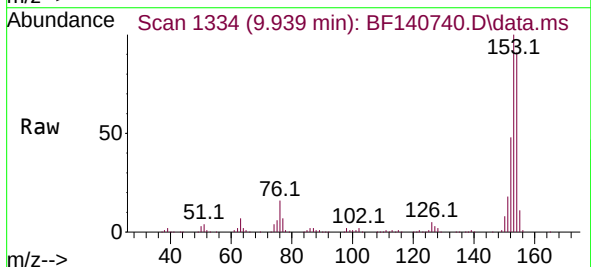
Instrument :
BNA_F
ClientSampleId :
MH-738MS

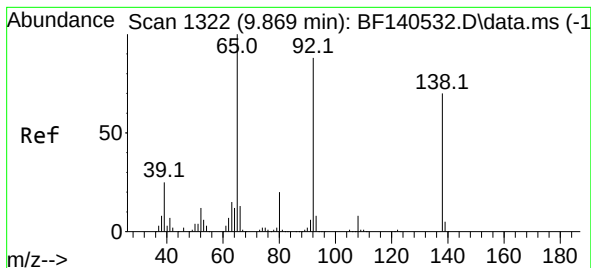
Tgt Ion:165 Resp: 105750
Ion Ratio Lower Upper
165 100
63 58.1 49.9 74.9
89 58.6 50.9 76.3



#52
Acenaphthene
Concen: 52.017 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:154 Resp: 398038
Ion Ratio Lower Upper
154 100
153 110.4 89.7 134.5
152 52.5 42.5 63.7





#53

3-Nitroaniline

Concen: 33.175 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

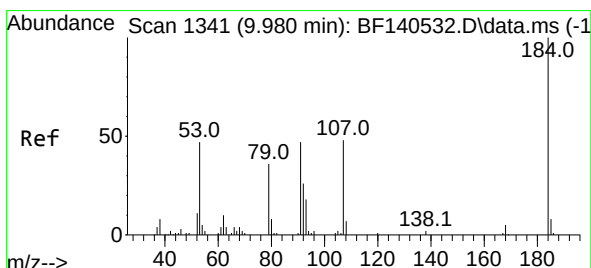
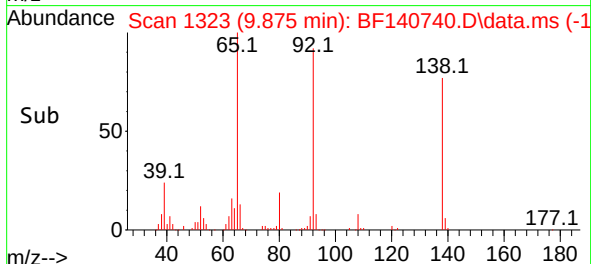
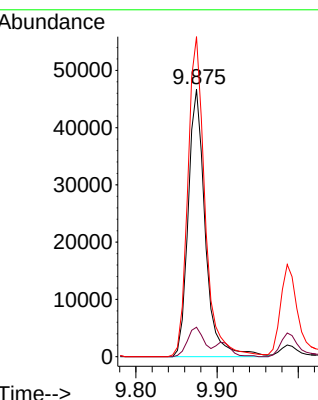
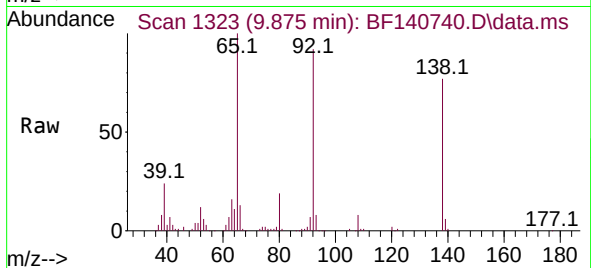
Tgt Ion:138 Resp: 68282

Ion Ratio Lower Upper

138 100

108 11.0 9.2 13.8

92 119.7 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 85.641 ng

RT: 9.986 min Scan# 1342

Delta R.T. 0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

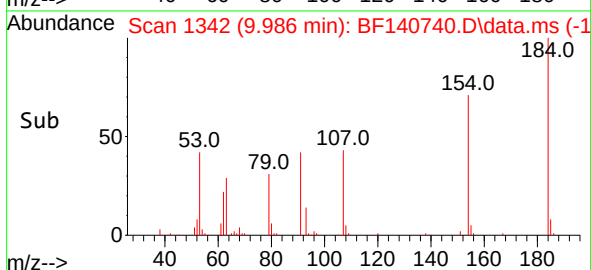
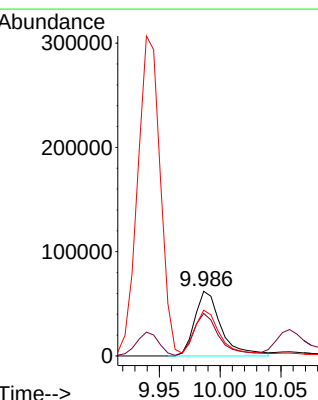
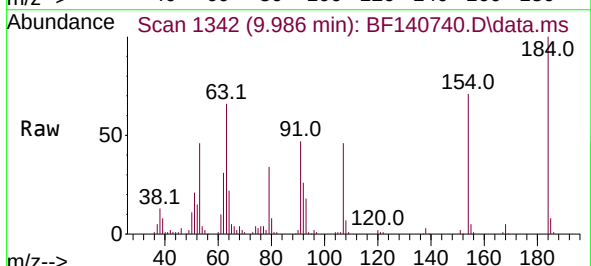
Tgt Ion:184 Resp: 94008

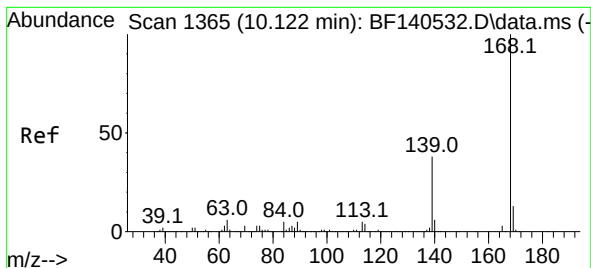
Ion Ratio Lower Upper

184 100

63 65.9 54.1 81.1

154 70.8 57.4 86.0





#55

Dibenzenofuran

Concen: 51.020 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

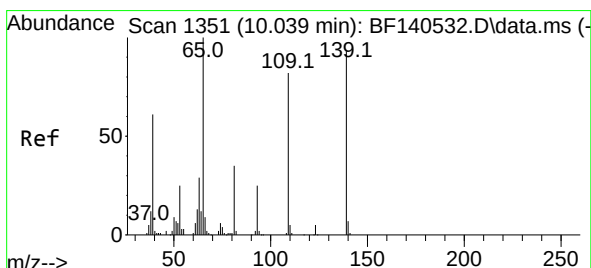
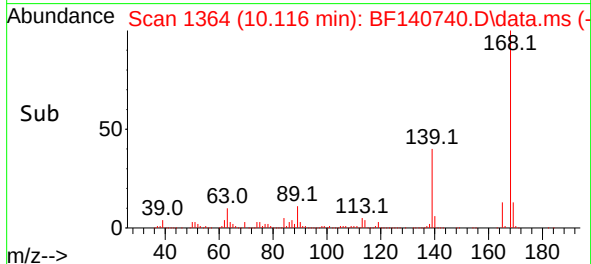
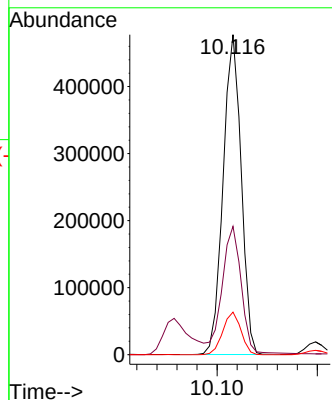
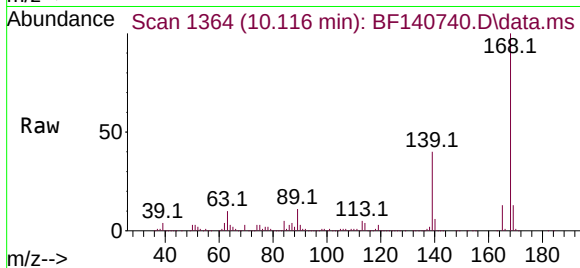
Tgt Ion:168 Resp: 595499

Ion Ratio Lower Upper

168 100

139 40.1 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 69.932 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

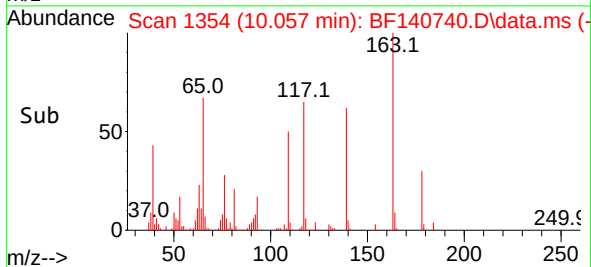
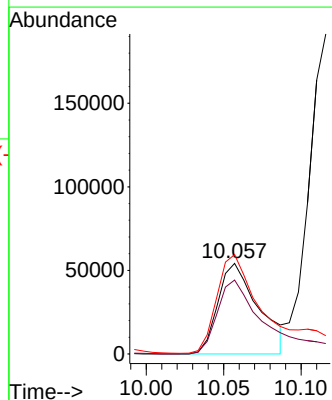
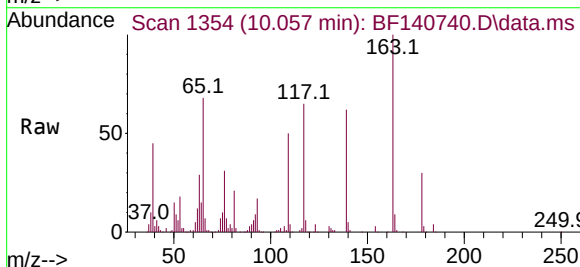
Tgt Ion:139 Resp: 98166

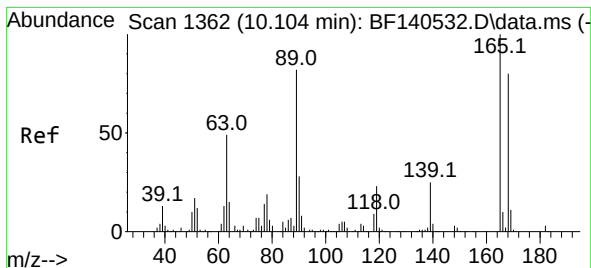
Ion Ratio Lower Upper

139 100

109 81.7 68.4 108.4

65 109.7 88.6 128.6





#57

2,4-Dinitrotoluene

Concen: 50.149 ng

RT: 10.104 min Scan# 1362

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

Tgt Ion:165 Resp: 140262

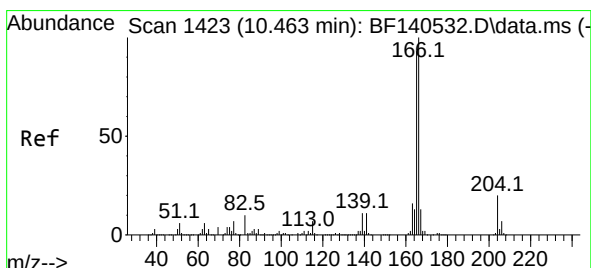
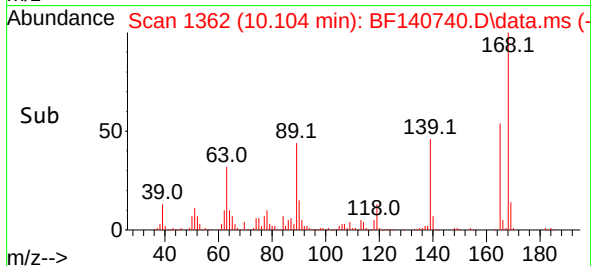
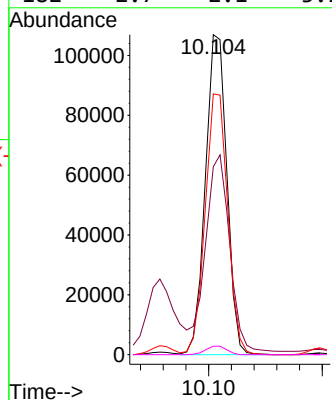
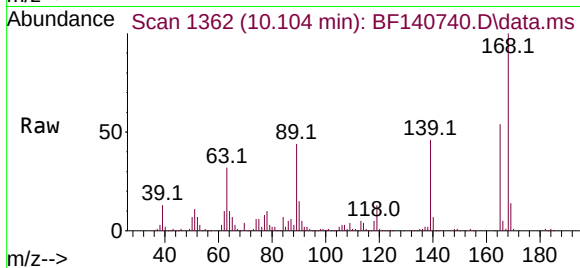
Ion Ratio Lower Upper

165 100

63 58.7 41.7 62.5

89 81.5 65.8 98.8

182 2.7 2.1 3.1



#58

Fluorene

Concen: 50.498 ng

RT: 10.457 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

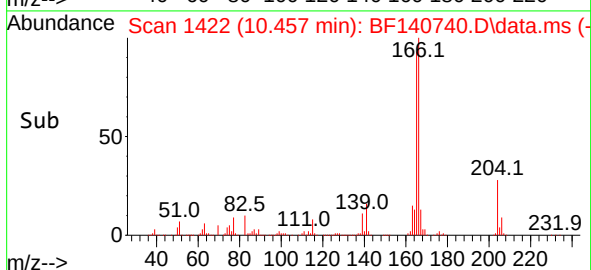
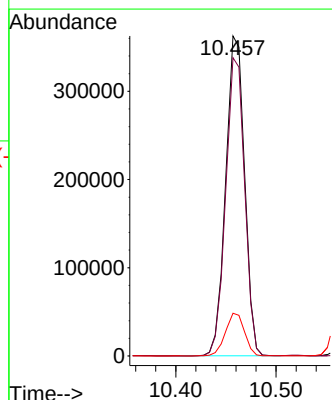
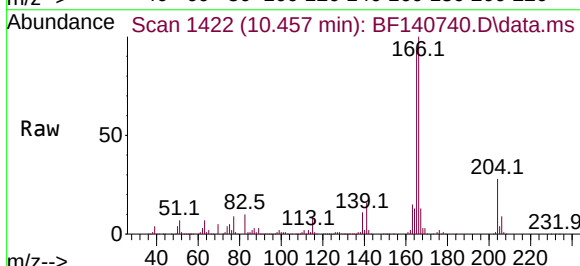
Tgt Ion:166 Resp: 473104

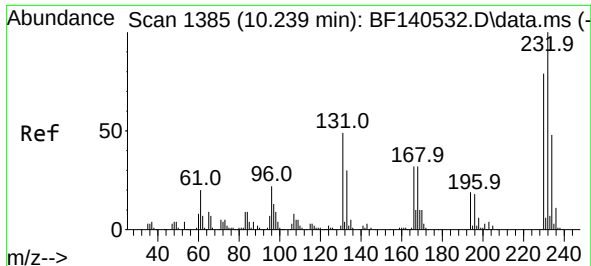
Ion Ratio Lower Upper

166 100

165 93.2 74.6 111.8

167 13.4 10.6 16.0

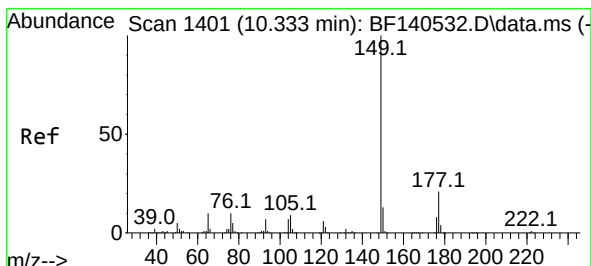
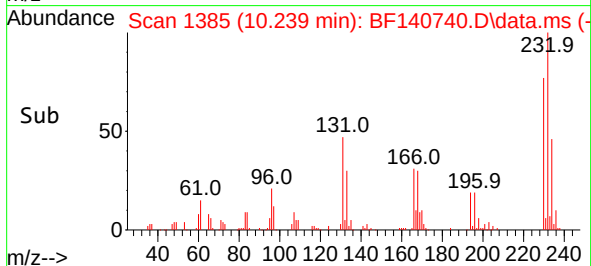
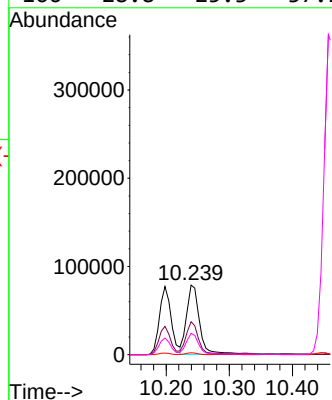
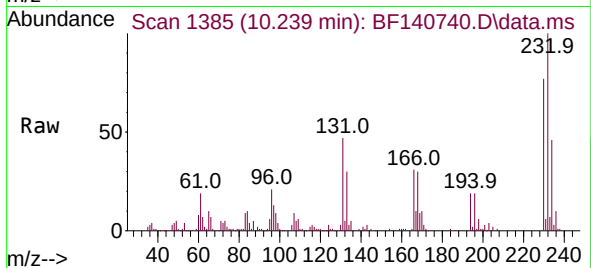




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.826 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

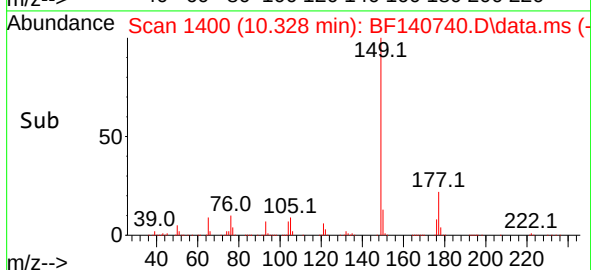
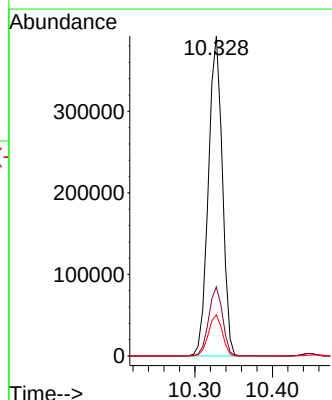
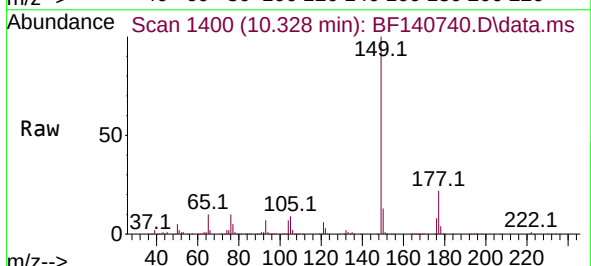
Instrument :
BNA_F
ClientSampleId :
MH-738MS

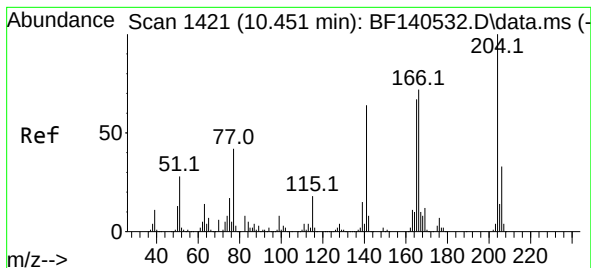
Tgt Ion:232 Resp: 111879
Ion Ratio Lower Upper
232 100
131 45.9 39.6 59.4
130 2.5 1.9 2.9
166 28.8 25.3 37.9



#60
Diethylphthalate
Concen: 51.940 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:149 Resp: 489683
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.8 10.1 15.1

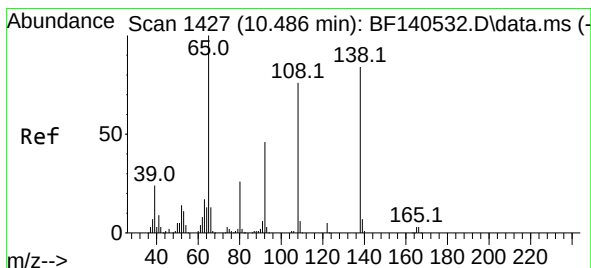
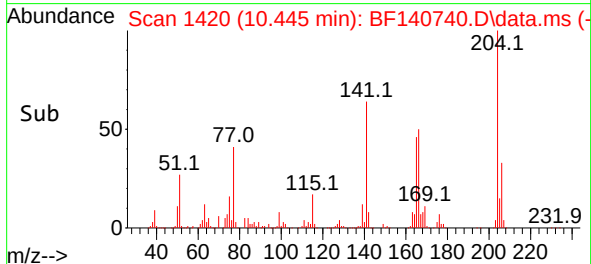
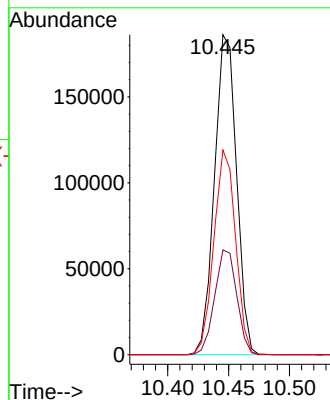
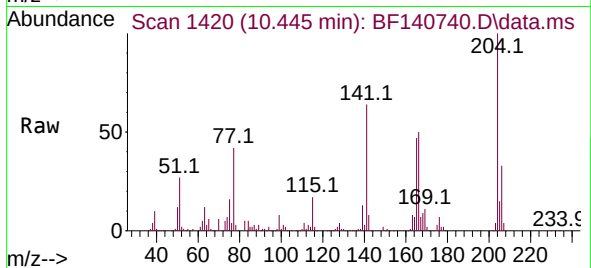




#61
4-Chlorophenyl-phenylether
Concen: 51.120 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

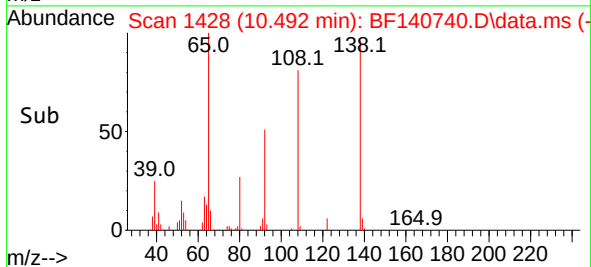
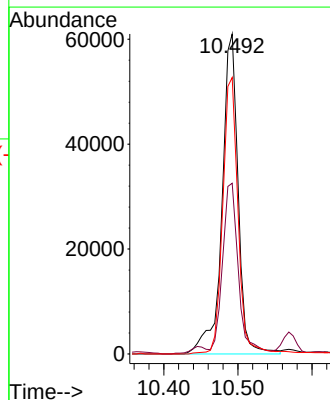
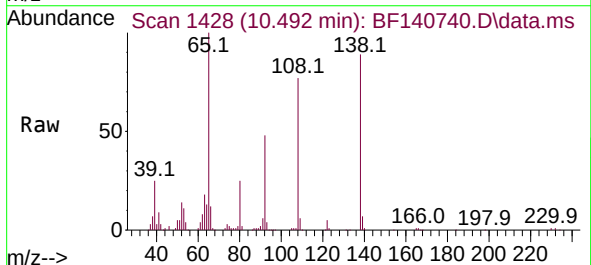
Instrument :
BNA_F
ClientSampleId :
MH-738MS

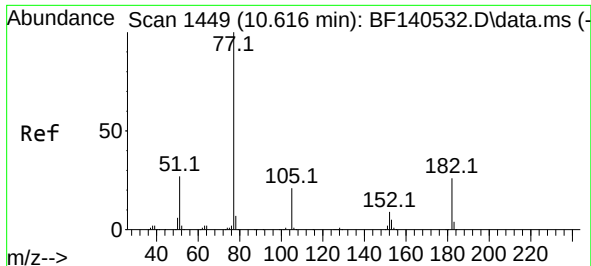
Tgt Ion:204 Resp: 235037
Ion Ratio Lower Upper
204 100
206 32.8 26.6 40.0
141 63.9 51.1 76.7



#62
4-Nitroaniline
Concen: 42.757 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:138 Resp: 92300
Ion Ratio Lower Upper
138 100
92 53.4 34.5 74.5
108 86.4 70.6 110.6

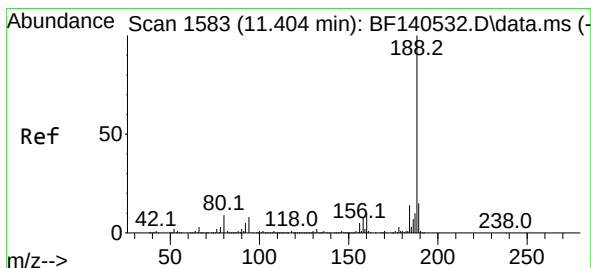
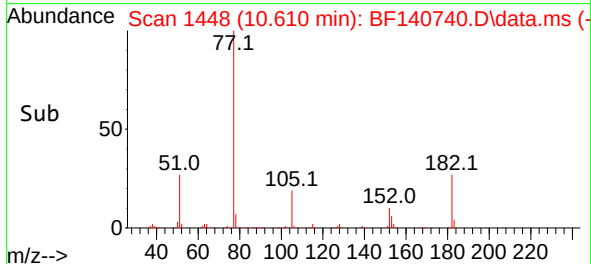
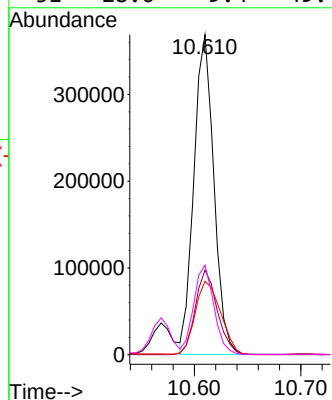
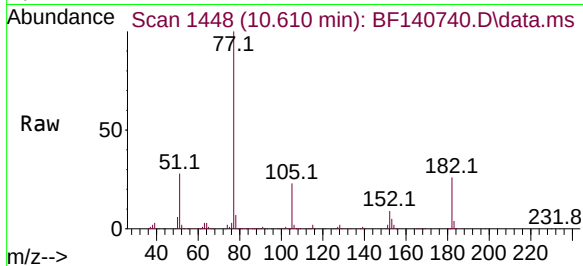




#63
Azobenzene
Concen: 53.865 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

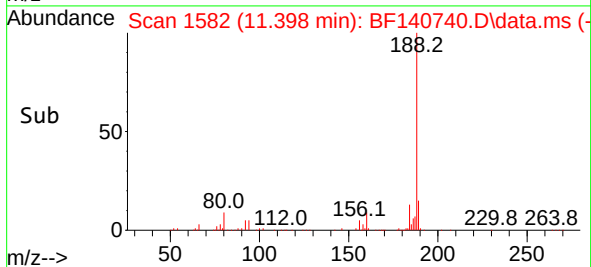
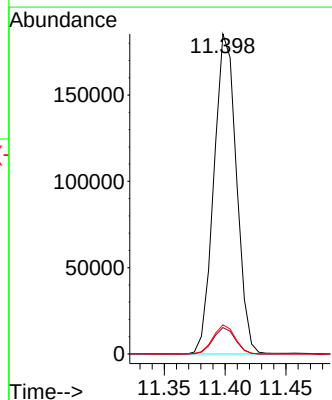
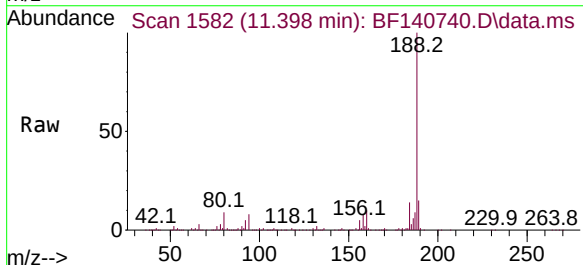
Instrument :
BNA_F
ClientSampleId :
MH-738MS

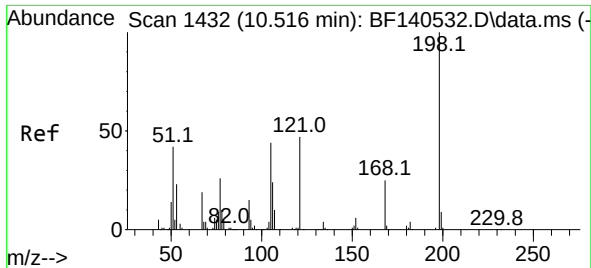
Tgt Ion: 77	Resp: 480906
Ion Ratio	Lower Upper
77 100	
182 26.4	5.3 45.3
105 23.0	0.3 40.3
51 28.0	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:188	Resp: 238686
Ion Ratio	Lower Upper
188 100	
94 8.3	6.4 9.6
80 9.1	6.9 10.3

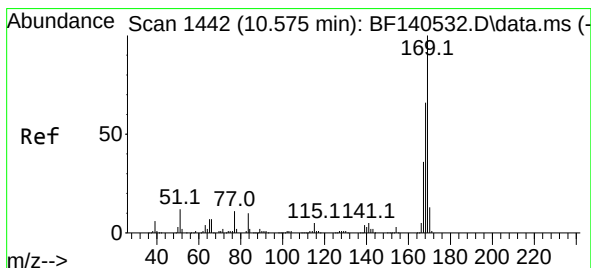
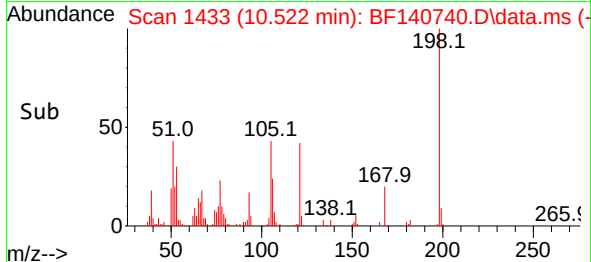
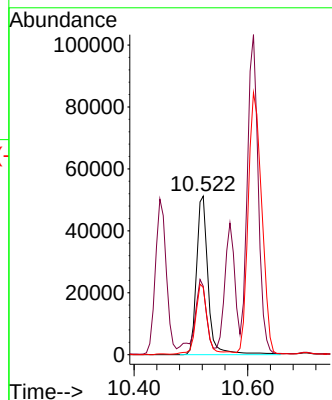
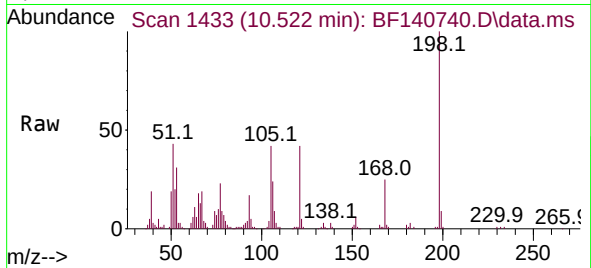




#65
4,6-Dinitro-2-methylphenol
Concen: 59.918 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

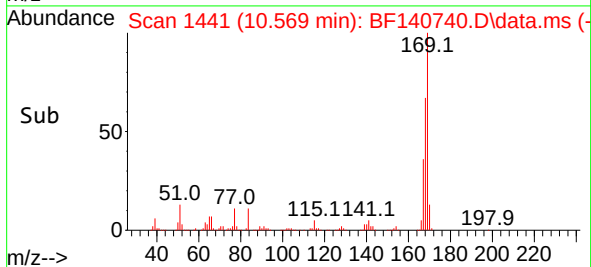
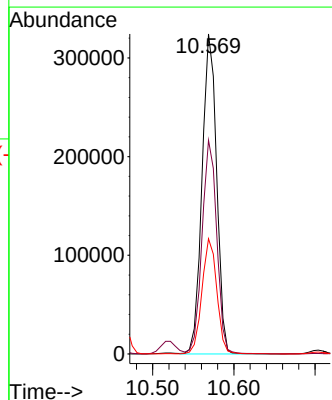
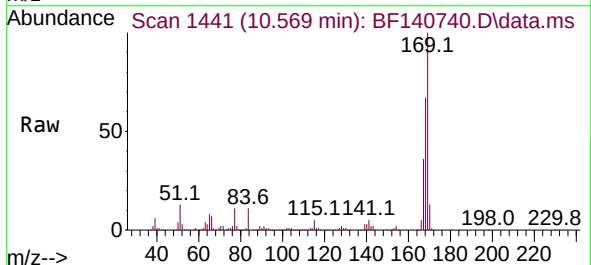
Instrument :
BNA_F
ClientSampleId :
MH-738MS

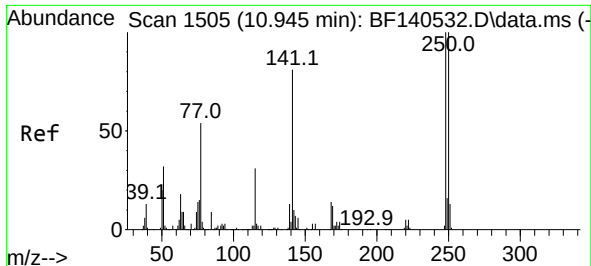
Tgt Ion:198 Resp: 73082
Ion Ratio Lower Upper
198 100
51 43.2 29.4 69.4
105 42.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 57.359 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:169 Resp: 404872
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.0 29.0 43.6

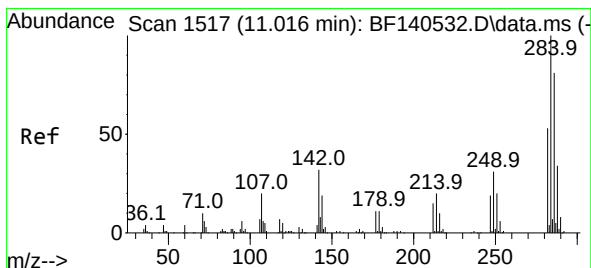
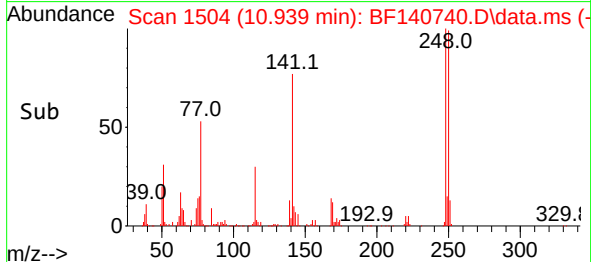
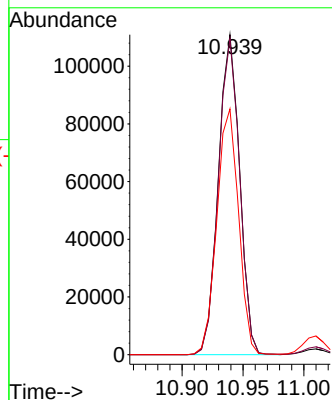
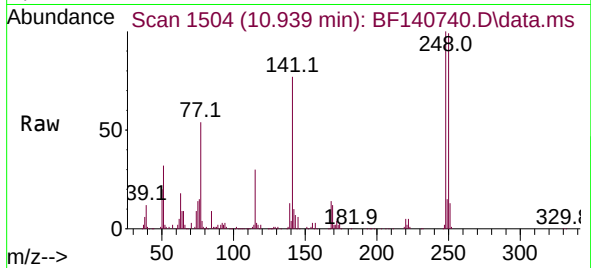




#67
4-Bromophenyl-phenylether
Concen: 54.915 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

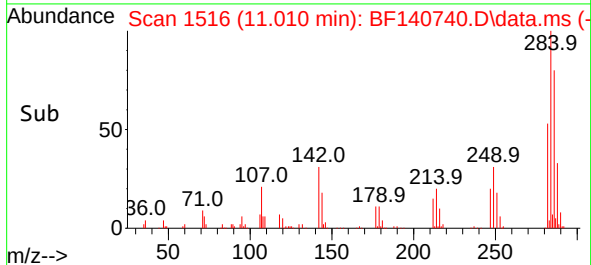
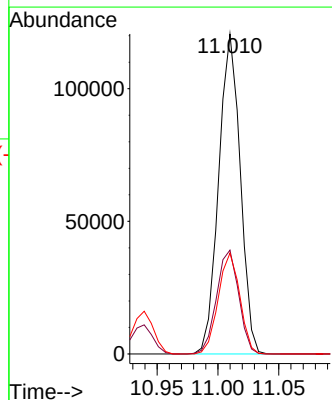
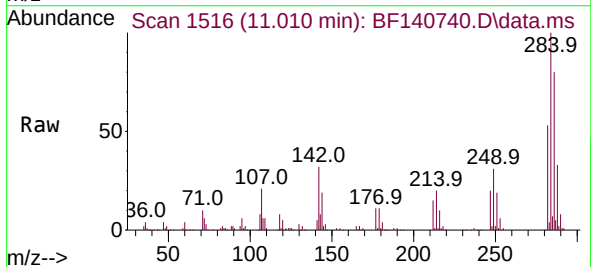
Instrument :
BNA_F
ClientSampleId :
MH-738MS

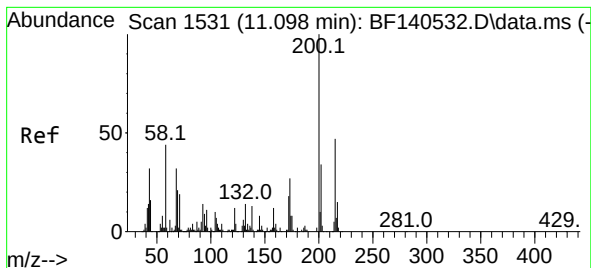
Tgt Ion:248 Resp: 134987
Ion Ratio Lower Upper
248 100
250 98.7 79.8 119.8
141 76.8 64.7 97.1



#68
Hexachlorobenzene
Concen: 52.280 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:284 Resp: 148801
Ion Ratio Lower Upper
284 100
142 32.5 25.3 37.9
249 31.5 24.8 37.2





#69

Atrazine

Concen: 57.800 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

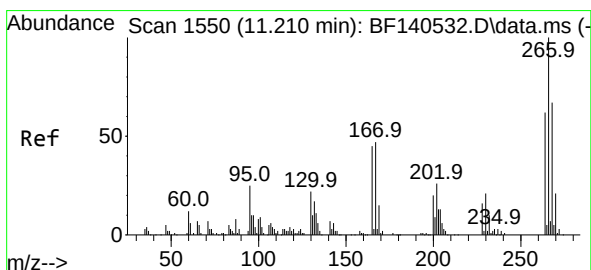
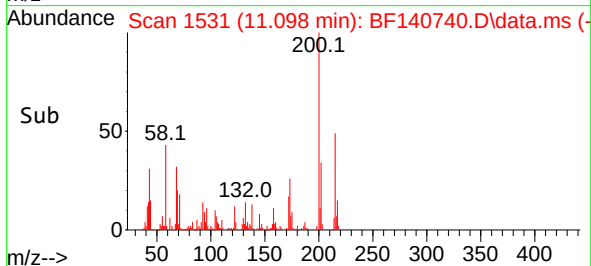
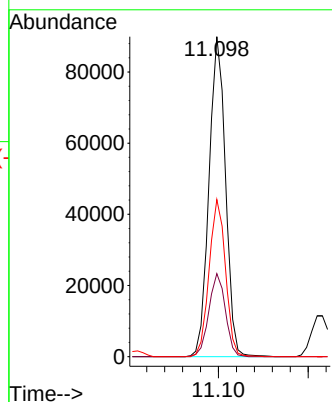
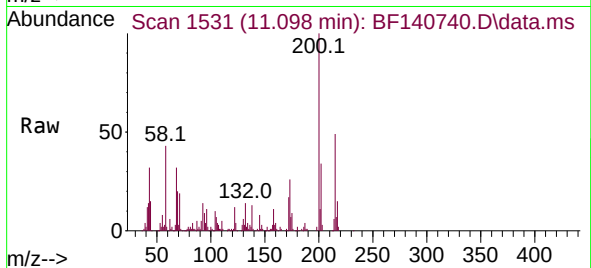
Tgt Ion:200 Resp: 114774

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

215 49.1 26.7 66.7



#70

Pentachlorophenol

Concen: 82.874 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

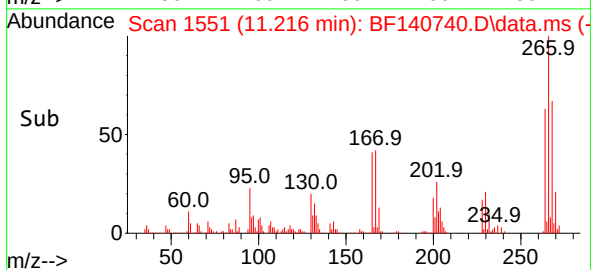
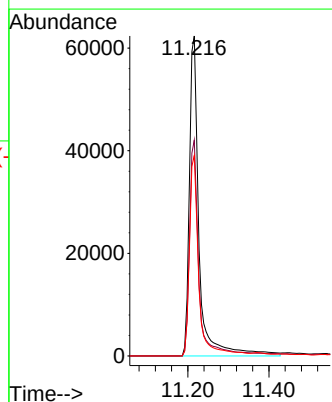
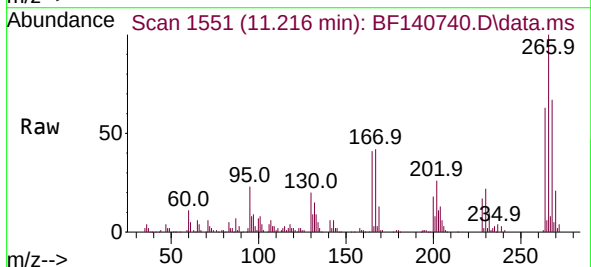
Tgt Ion:266 Resp: 103816

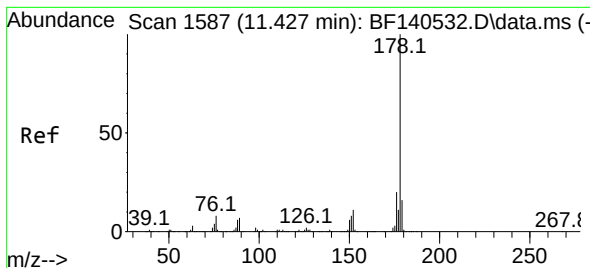
Ion Ratio Lower Upper

266 100

268 67.4 53.7 80.5

264 62.6 49.8 74.8





#71

Phenanthrene

Concen: 53.596 ng

RT: 11.428 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

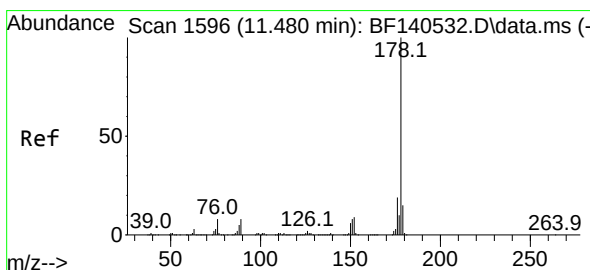
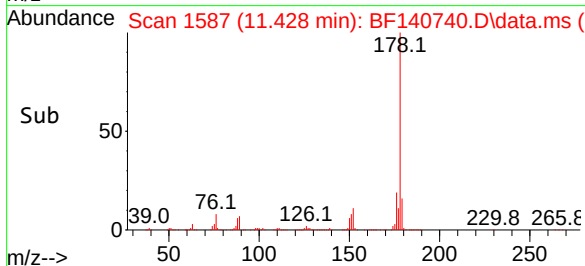
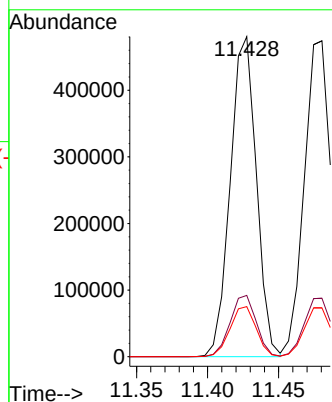
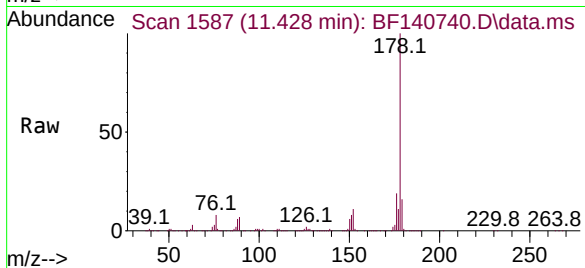
Tgt Ion:178 Resp: 614932

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.6

179 15.6 12.4 18.6



#72

Anthracene

Concen: 55.708 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

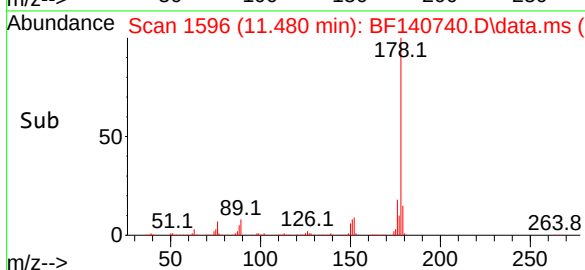
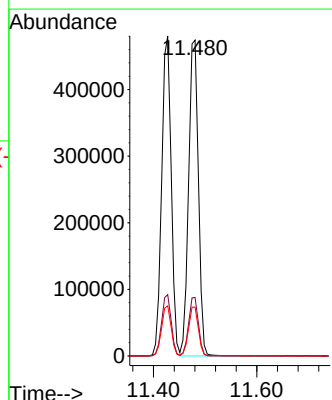
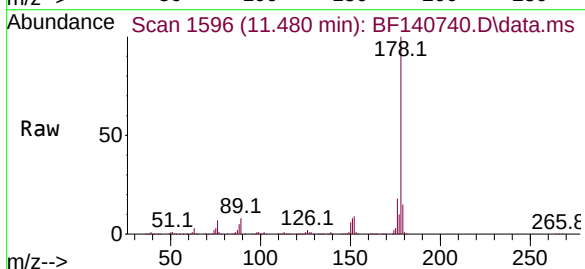
Tgt Ion:178 Resp: 625220

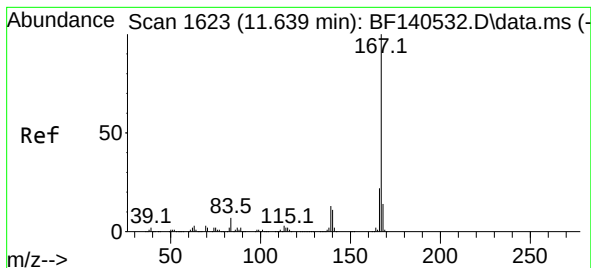
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

179 15.5 12.2 18.4





#73

Carbazole

Concen: 50.016 ng

RT: 11.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

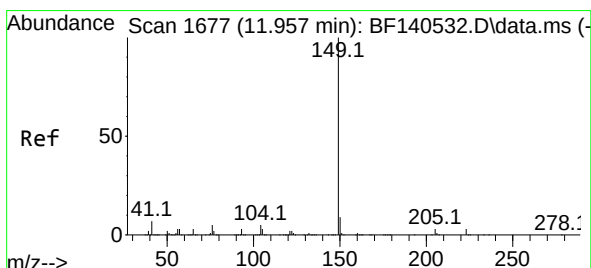
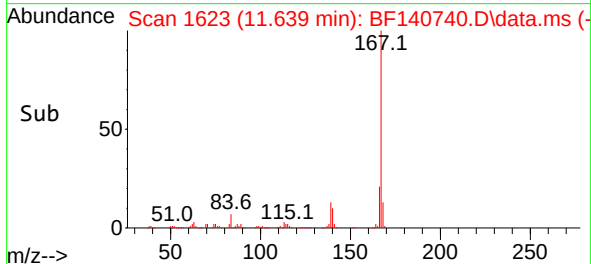
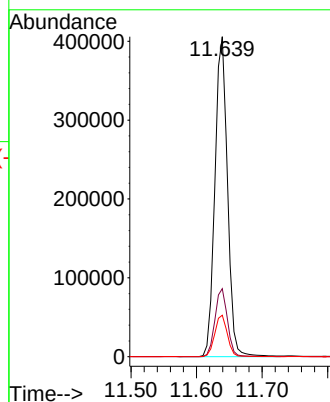
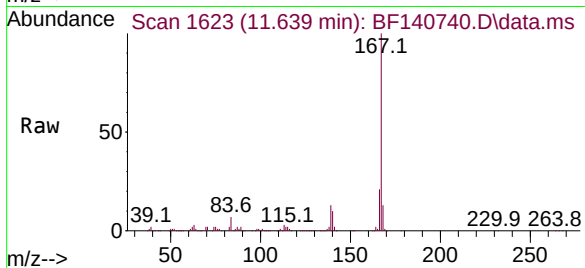
Tgt Ion:167 Resp: 540015

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 55.082 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

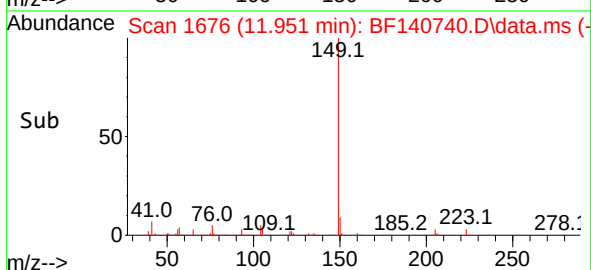
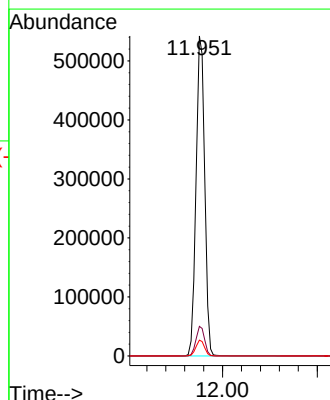
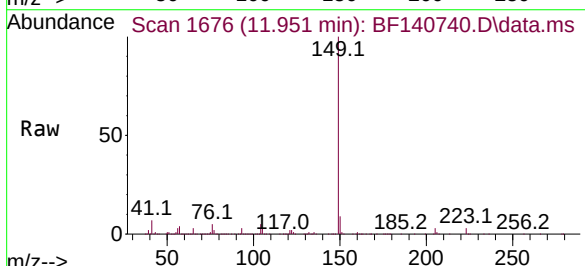
Tgt Ion:149 Resp: 686581

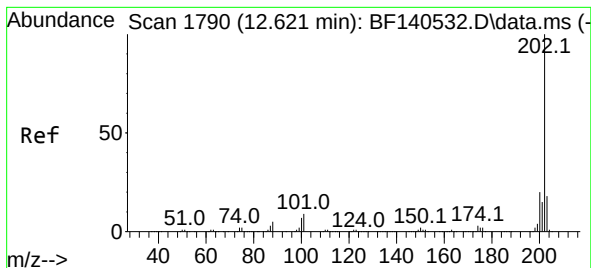
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 46.487 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

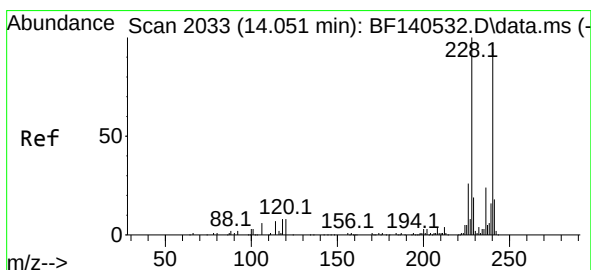
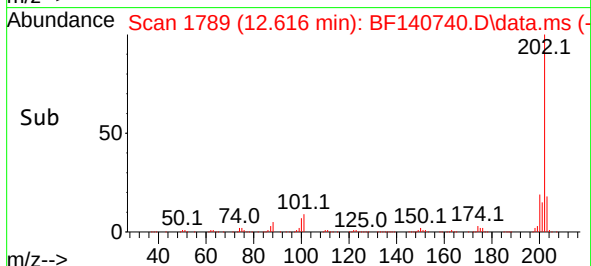
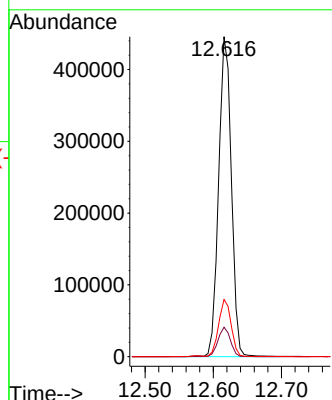
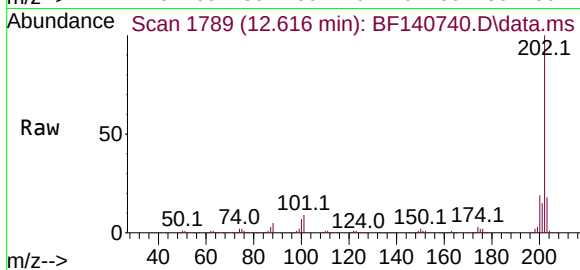
Tgt Ion:202 Resp: 579101

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.9

203 17.8 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

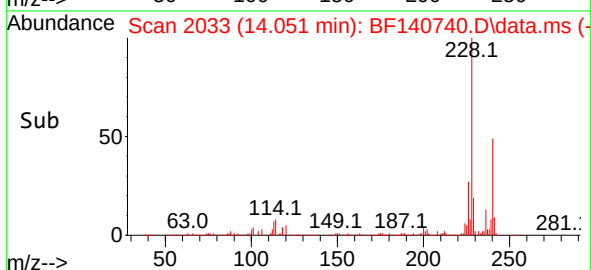
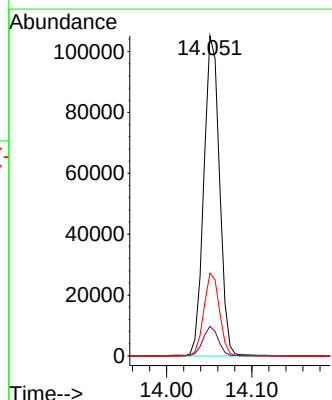
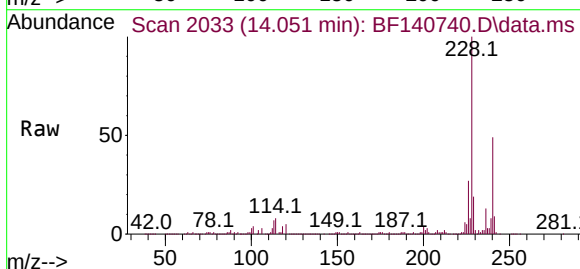
Tgt Ion:240 Resp: 134324

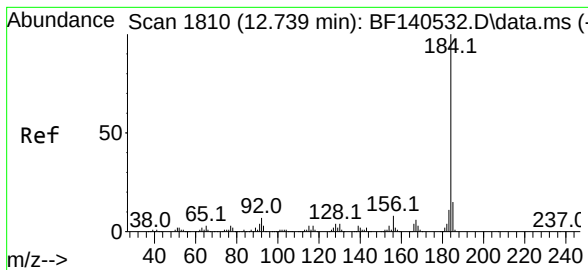
Ion Ratio Lower Upper

240 100

120 9.2 7.3 10.9

236 25.9 20.6 31.0

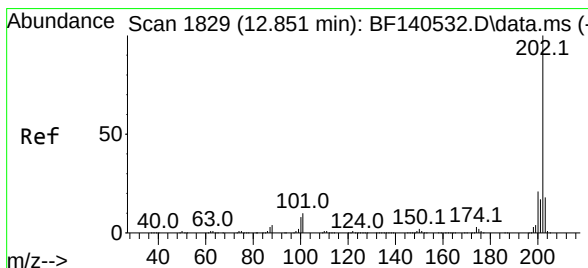
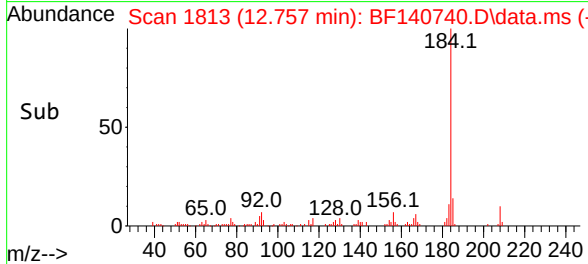
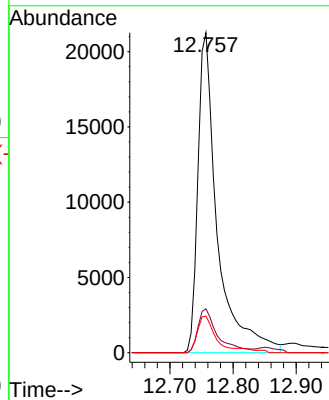
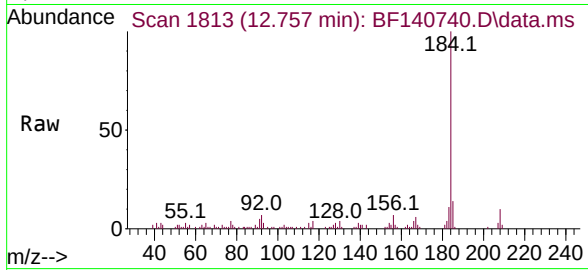




#77
Benzidine
Concen: 11.646 ng
RT: 12.757 min Scan# 1813
Delta R.T. 0.018 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

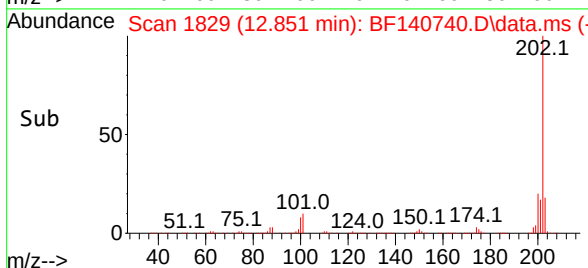
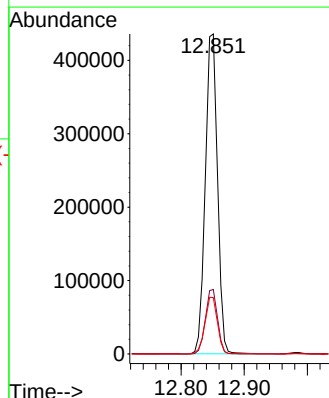
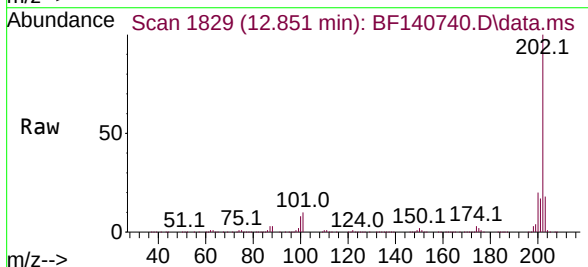
Instrument :
BNA_F
ClientSampleId :
MH-738MS

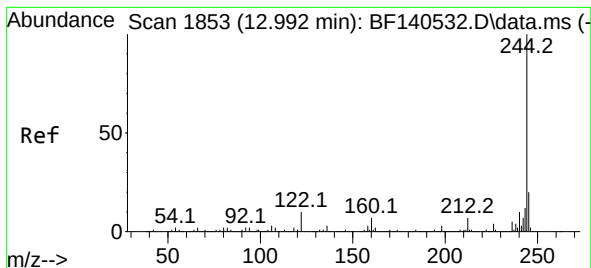
Tgt Ion:184	Resp:	45483
Ion Ratio	Lower	Upper
184	100	
185	13.7	11.7 17.5
183	11.4	8.8 13.2



#78
Pyrene
Concen: 46.974 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF140740.D
Acq: 04 Dec 2024 21:15

Tgt Ion:202	Resp:	583409
Ion Ratio	Lower	Upper
202	100	
200	20.1	16.5 24.7
203	17.6	14.2 21.4





#79

Terphenyl-d14

Concen: 69.158 ng

RT: 12.986 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

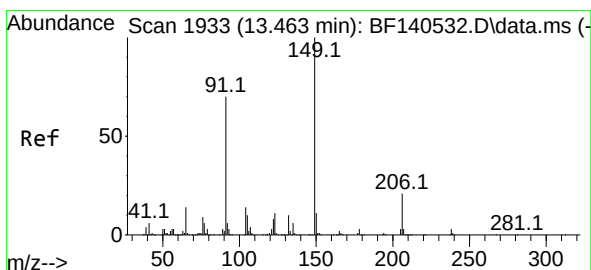
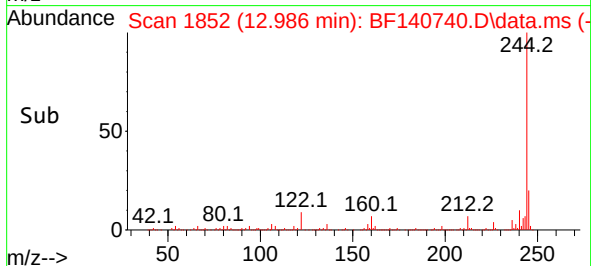
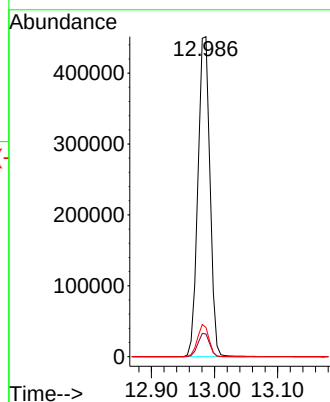
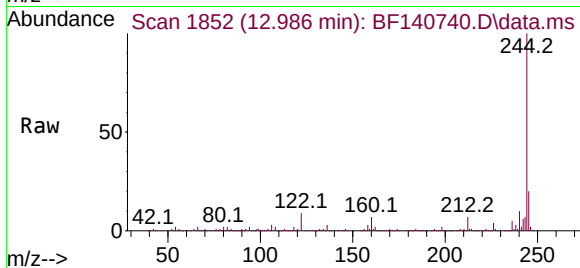
Tgt Ion:244 Resp: 596587

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.2 8.0 12.0



#80

Butylbenzylphthalate

Concen: 50.973 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

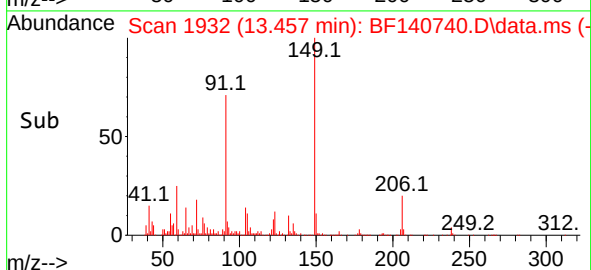
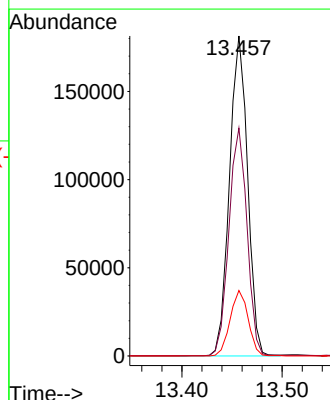
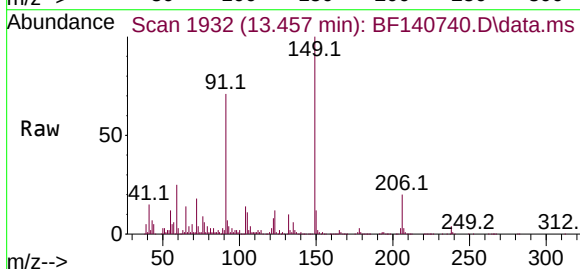
Tgt Ion:149 Resp: 228060

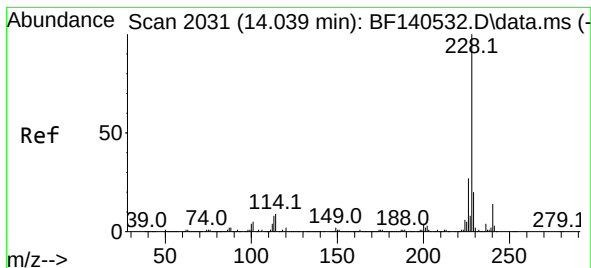
Ion Ratio Lower Upper

149 100

91 71.2 56.2 84.2

206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.425 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

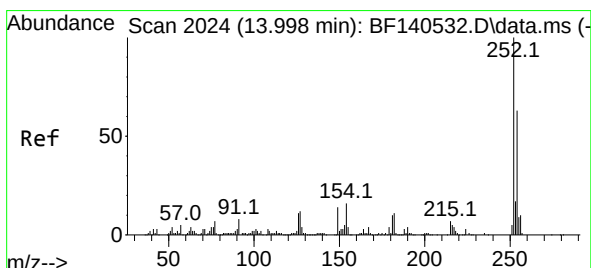
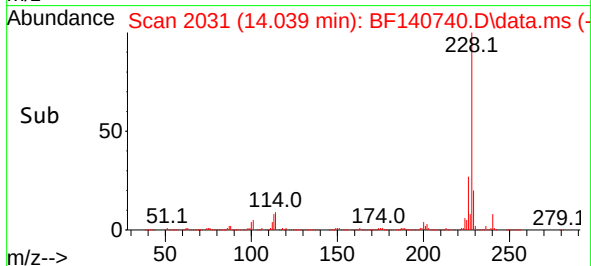
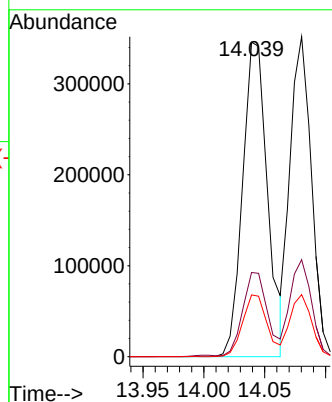
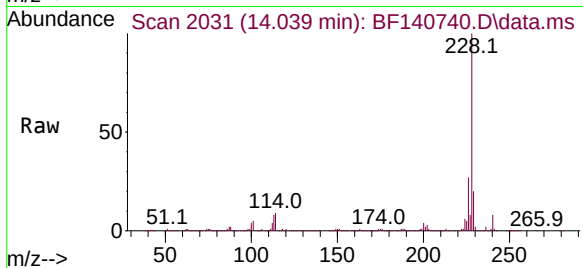
Tgt Ion:228 Resp: 492826

Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 43.256 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

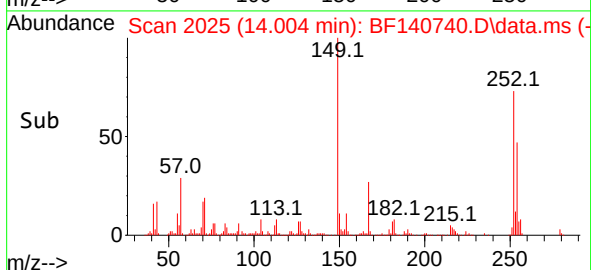
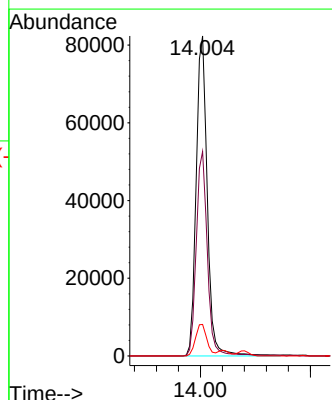
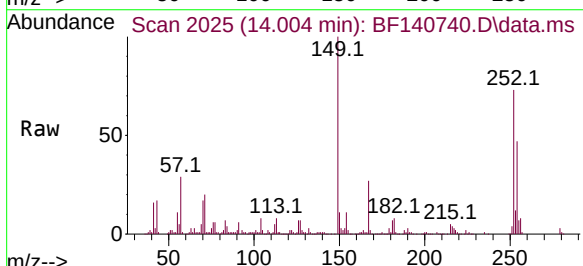
Tgt Ion:252 Resp: 115478

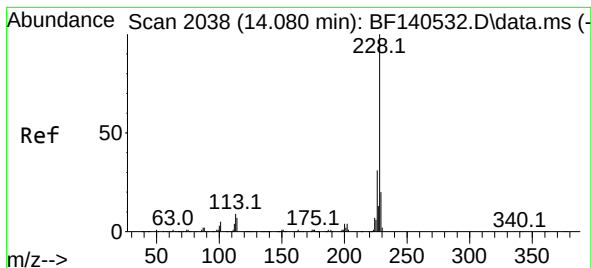
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 9.9 8.6 13.0





#83

Chrysene

Concen: 52.707 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

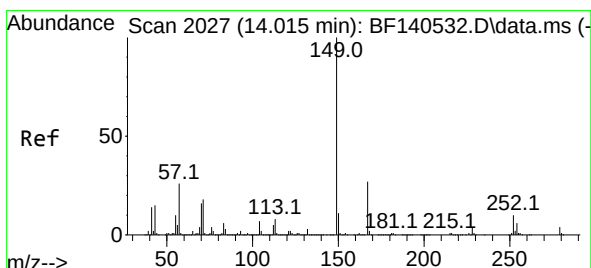
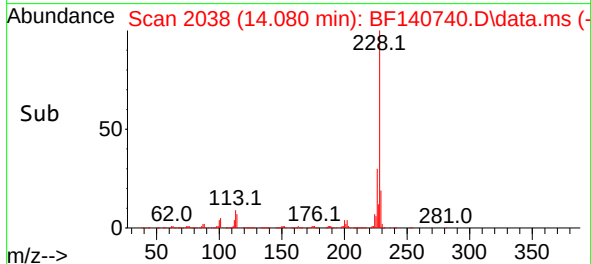
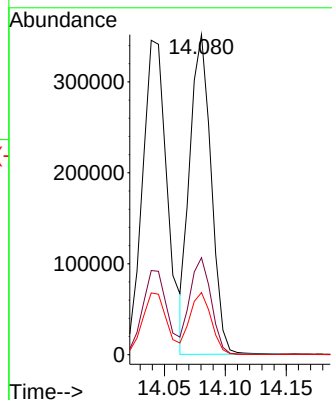
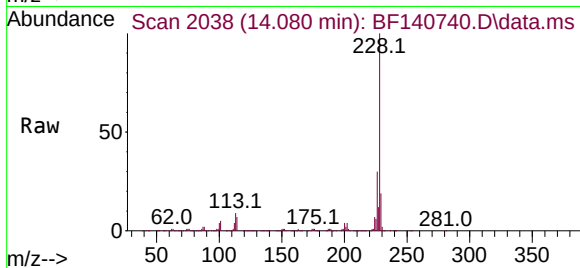
Tgt Ion:228 Resp: 428534

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.075 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

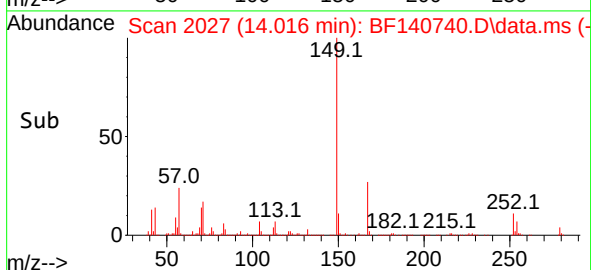
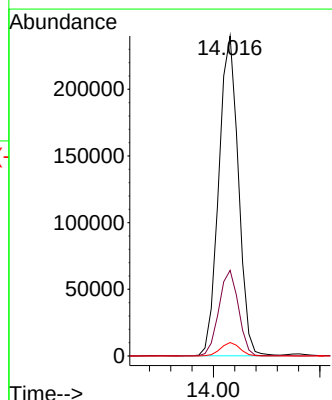
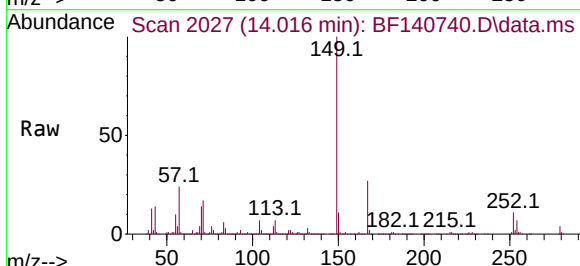
Tgt Ion:149 Resp: 305500

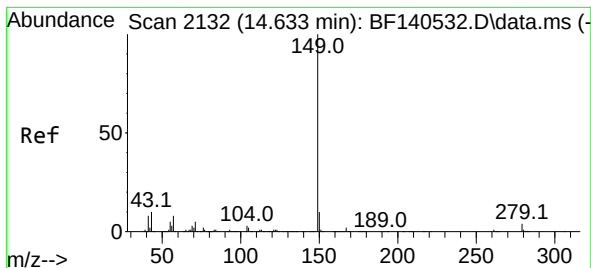
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 63.056 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

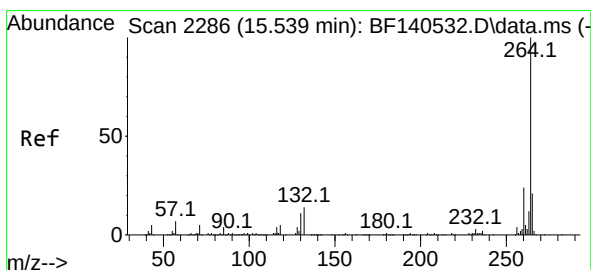
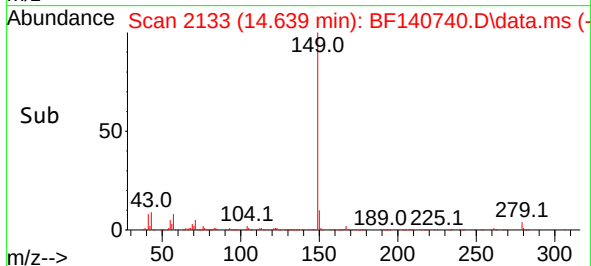
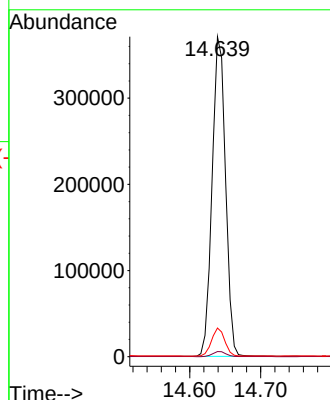
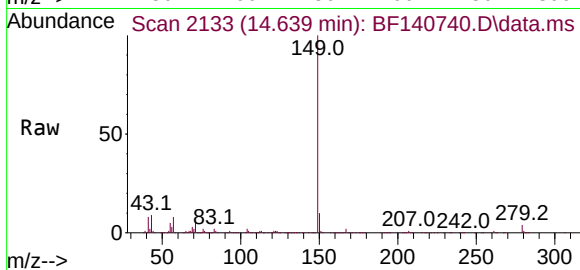
Tgt Ion:149 Resp: 486844

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2288

Delta R.T. 0.012 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

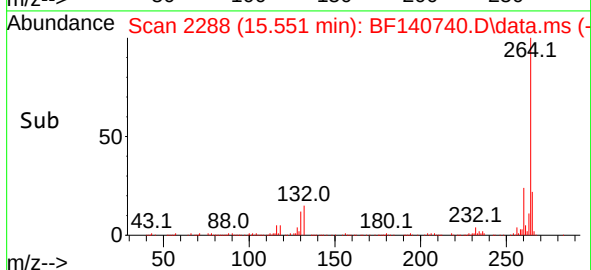
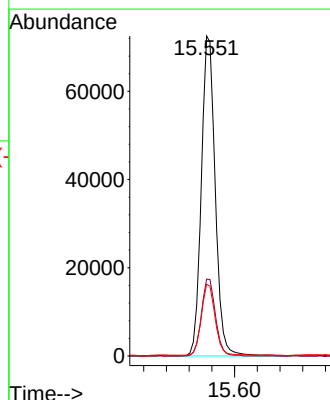
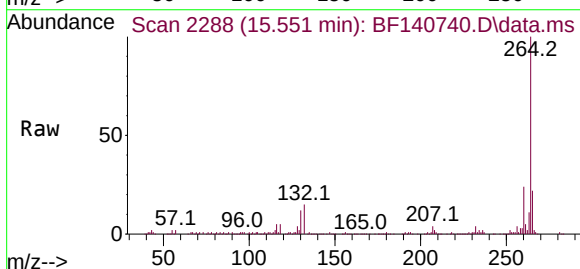
Tgt Ion:264 Resp: 123327

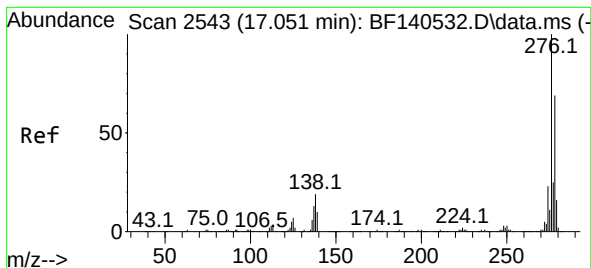
Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.938 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

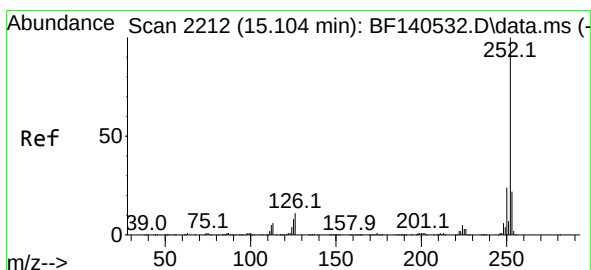
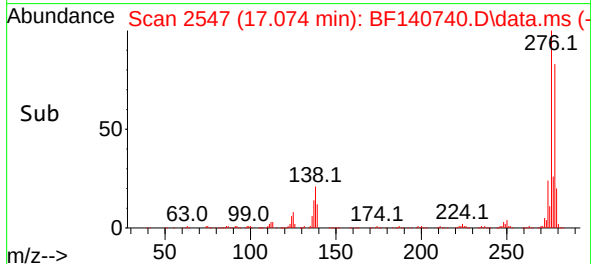
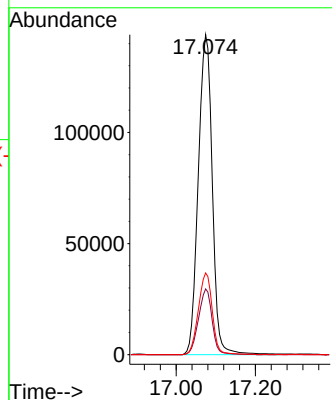
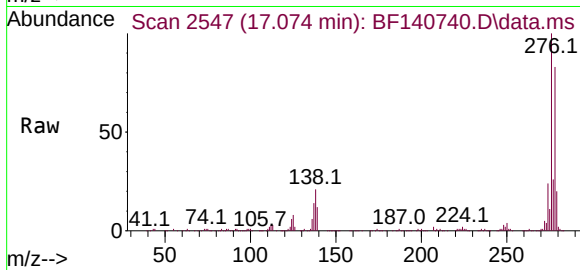
Tgt Ion:276 Resp: 353136

Ion Ratio Lower Upper

276 100

138 20.0 15.5 23.3

277 25.4 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 53.001 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

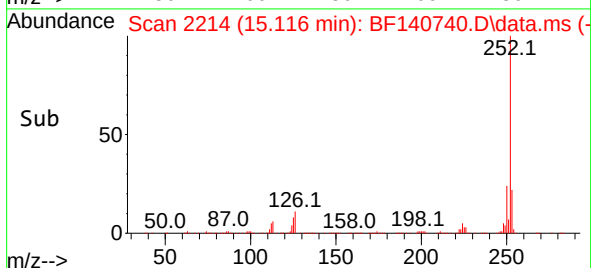
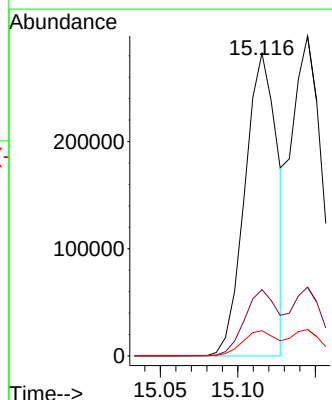
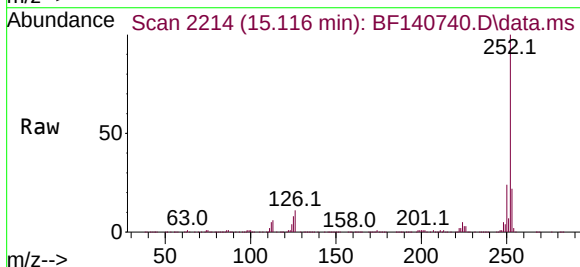
Tgt Ion:252 Resp: 410561

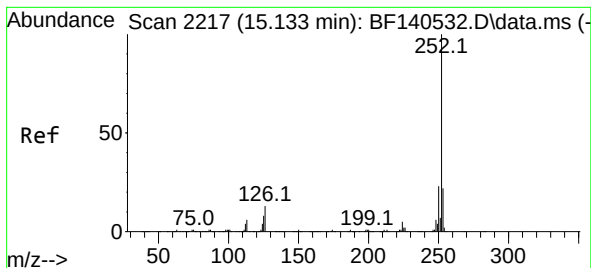
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.3 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 60.266 ng

RT: 15.145 min Scan# 2219

Delta R.T. 0.012 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

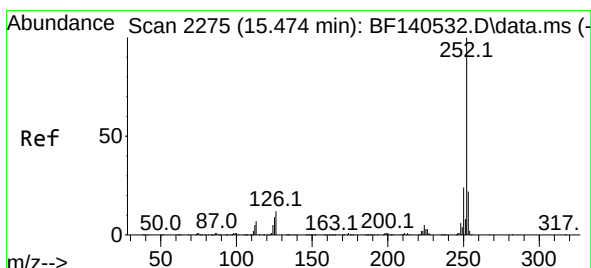
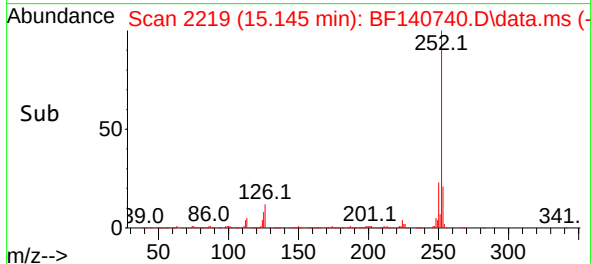
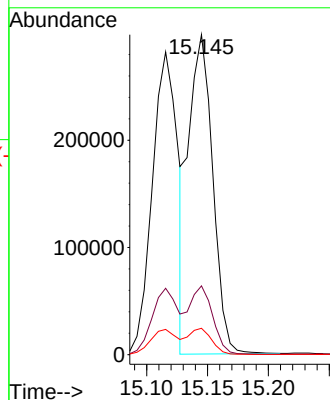
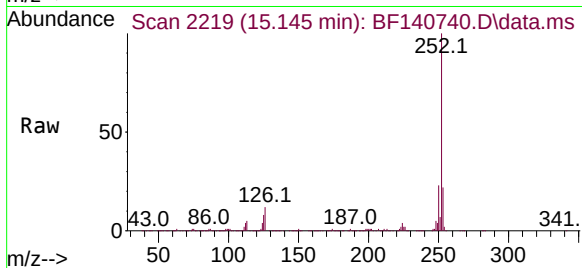
Tgt Ion:252 Resp: 408527

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.2 6.5 9.7



#90

Benzo(a)pyrene

Concen: 57.928 ng

RT: 15.492 min Scan# 2278

Delta R.T. 0.018 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

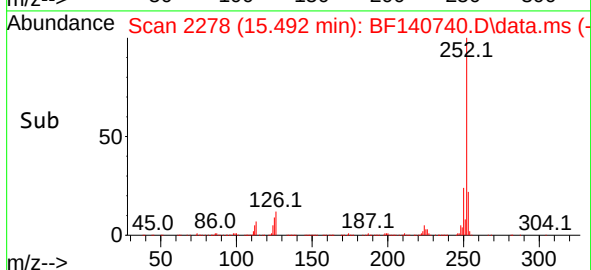
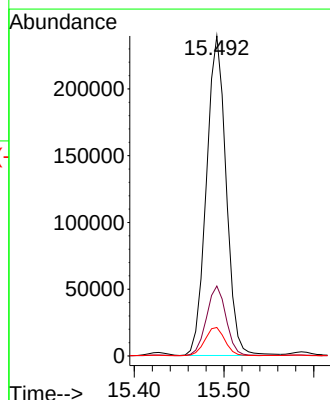
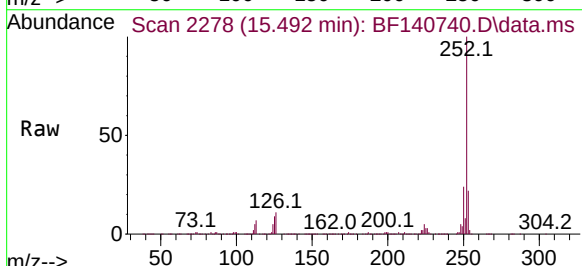
Tgt Ion:252 Resp: 364854

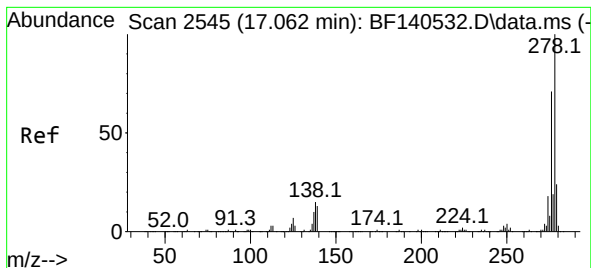
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.9 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 44.309 ng

RT: 17.080 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Instrument :

BNA_F

ClientSampleId :

MH-738MS

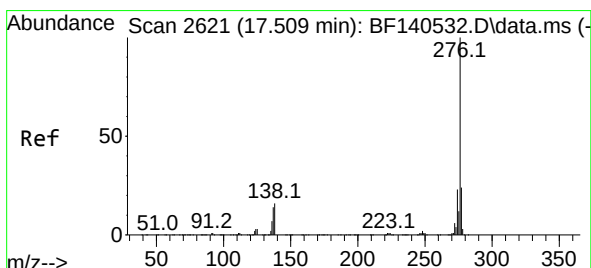
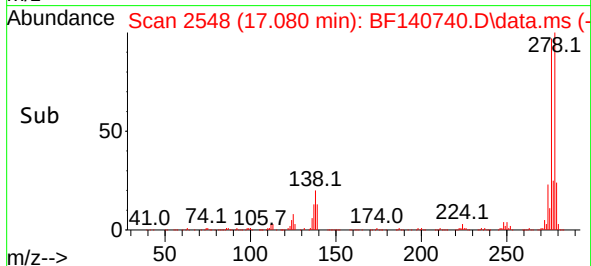
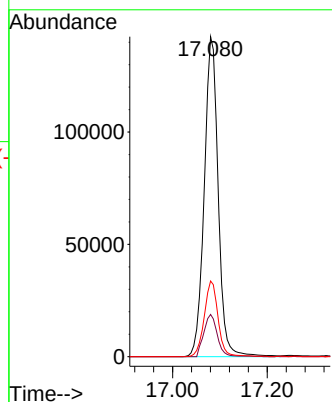
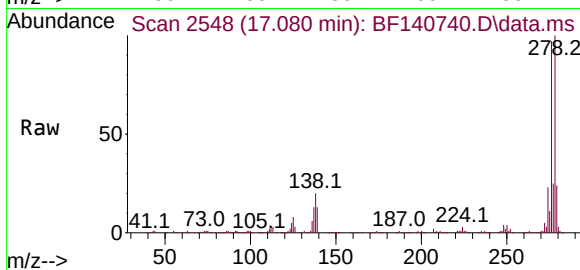
Tgt Ion:278 Resp: 291642

Ion Ratio Lower Upper

278 100

139 13.2 10.2 15.4

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 37.726 ng

RT: 17.527 min Scan# 2624

Delta R.T. 0.018 min

Lab File: BF140740.D

Acq: 04 Dec 2024 21:15

Tgt Ion:276 Resp: 253393

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 17.8 13.2 19.8

