

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140770.D
 Acq On : 06 Dec 2024 16:50
 Operator : RC/JU
 Sample : P5095-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Quant Time: Dec 06 16:20:01 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	69745	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	259192	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	145737	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	248438	20.000	ng	0.00
76) Chrysene-d12	14.062	240	144492	20.000	ng	0.01
86) Perylene-d12	15.592	264	158613	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	593830	145.272	ng	0.02
7) Phenol-d6	6.522	99	718862	133.023	ng	0.00
23) Nitrobenzene-d5	7.439	82	538077	106.187	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	243130	155.986	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1091179	111.557	ng	-0.01
79) Terphenyl-d14	12.986	244	965410	104.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.798	88	74271	43.214	ng	# 82
3) Pyridine	3.551	79	139720	36.949	ng	98
4) n-Nitrosodimethylamine	3.469	42	102362	46.057	ng	89
6) Aniline	6.545	93	52937	13.917	ng	# 1
8) 2-Chlorophenol	6.669	128	235411	53.530	ng	94
9) Benzaldehyde	6.428	77	35726	12.488	ng	98
10) Phenol	6.534	94	250822	45.448	ng	88
11) bis(2-Chloroethyl)ether	6.604	93	226195	53.560	ng	99
12) 1,3-Dichlorobenzene	6.810	146	224838	45.500	ng	98
13) 1,4-Dichlorobenzene	6.886	146	228563	45.681	ng	99
14) 1,2-Dichlorobenzene	7.039	146	220987	47.134	ng	100
15) Benzyl Alcohol	7.022	79	209800	52.350	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	266587	53.432	ng	# 63
17) 2-Methylphenol	7.139	107	180761	51.347	ng	94
18) Hexachloroethane	7.375	117	83616	44.745	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	176004	55.108	ng	96
20) 3+4-Methylphenols	7.298	107	244439	54.021	ng	# 60
22) Acetophenone	7.281	105	335726	53.130	ng	# 91
24) Nitrobenzene	7.457	77	258945	49.444	ng	97
25) Isophorone	7.692	82	470201	55.633	ng	99
26) 2-Nitrophenol	7.769	139	128967	55.568	ng	97
27) 2,4-Dimethylphenol	7.810	122	184950	66.603	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	284105	55.178	ng	99
29) 2,4-Dichlorophenol	8.028	162	204337	55.533	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	206621	49.181	ng	99
31) Naphthalene	8.175	128	690731	51.738	ng	99
32) Benzoic acid	7.951	122	106970	44.826	ng	98
33) 4-Chloroaniline	8.245	127	28035	7.014	ng	95
34) Hexachlorobutadiene	8.280	225	136498	49.052	ng	99
35) Caprolactam	8.604	113	37373	32.820	ng	94
36) 4-Chloro-3-methylphenol	8.722	107	220627	53.553	ng	100
37) 2-Methylnaphthalene	8.863	142	472615	55.734	ng	99
38) 1-Methylnaphthalene	8.963	142	437287	52.610	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	229975	53.903	ng	99
41) Hexachlorocyclopentadiene	9.010	237	155502	154.662	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	147157	54.968	ng	100

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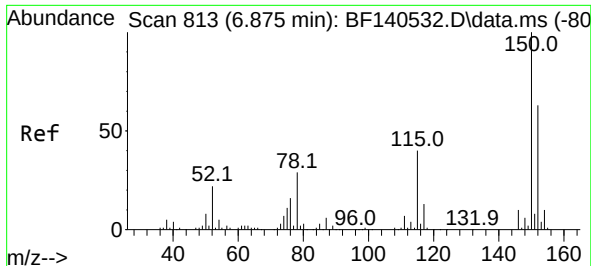
Quant Time: Dec 06 16:20:01 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	152722	52.563	ng	97
46) 1,1'-Biphenyl	9.327	154	603971	55.508	ng	99
47) 2-Chloronaphthalene	9.357	162	438161	53.145	ng	98
48) 2-Nitroaniline	9.457	65	131194	49.575	ng	96
49) Acenaphthylene	9.769	152	717237	57.576	ng	100
50) Dimethylphthalate	9.627	163	553147	57.631	ng	100
51) 2,6-Dinitrotoluene	9.698	165	112566	51.711	ng	95
52) Acenaphthene	9.939	154	432147	54.597	ng	99
53) 3-Nitroaniline	9.874	138	14074	6.611	ng	98
54) 2,4-Dinitrophenol	9.992	184	123706	106.821	ng	91
55) Dibenzofuran	10.116	168	646525	53.551	ng	100
56) 4-Nitrophenol	10.057	139	87839	60.496	ng	87
57) 2,4-Dinitrotoluene	10.110	165	148890	51.465	ng	# 93
58) Fluorene	10.457	166	520262	53.686	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	124764	55.874	ng	# 92
60) Diethylphthalate	10.327	149	538131	55.182	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	263844	55.478	ng	97
62) 4-Nitroaniline	10.486	138	90706	40.622	ng	95
63) Azobenzene	10.610	77	498994	54.033	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	81782	64.419	ng	93
66) n-Nitrosodiphenylamine	10.569	169	424588	57.791	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	155058	60.604	ng	96
68) Hexachlorobenzene	11.010	284	172809	58.332	ng	99
69) Atrazine	11.098	200	108412	52.453	ng	98
70) Pentachlorophenol	11.216	266	123810	94.955	ng	98
71) Phenanthrene	11.421	178	683462	57.231	ng	100
72) Anthracene	11.474	178	691591	59.203	ng	100
73) Carbazole	11.633	167	565888	50.355	ng	100
74) Di-n-butylphthalate	11.951	149	787999	60.736	ng	100
75) Fluoranthene	12.615	202	646606	49.869	ng	99
78) Pyrene	12.845	202	640574	47.947	ng	100
80) Butylbenzylphthalate	13.457	149	262818	54.608	ng	99
81) Benzo(a)anthracene	14.051	228	552169	57.729	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	35341	12.307	ng	97
83) Chrysene	14.092	228	481343	55.036	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	369792	60.849	ng	100
85) Di-n-octyl phthalate	14.674	149	616875	74.275	ng	97
87) Indeno(1,2,3-cd)pyrene	17.121	276	472580	45.719	ng	98
88) Benzo(b)fluoranthene	15.151	252	531422	53.341	ng	100
89) Benzo(k)fluoranthene	15.180	252	526667	60.410	ng	100
90) Benzo(a)pyrene	15.527	252	497215	61.381	ng	100
91) Dibenzo(a,h)anthracene	17.127	278	401951	47.482	ng	99
92) Benzo(g,h,i)perylene	17.574	276	318067	36.820	ng	99

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

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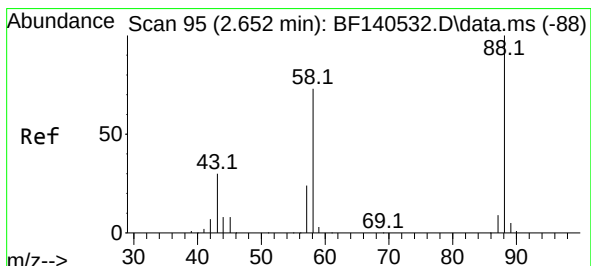
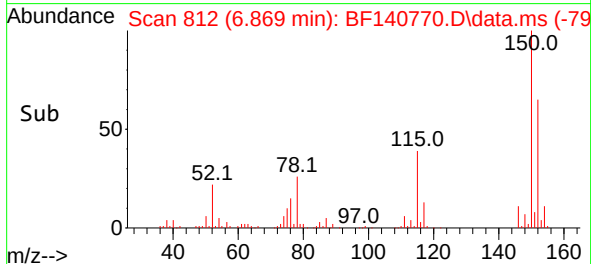
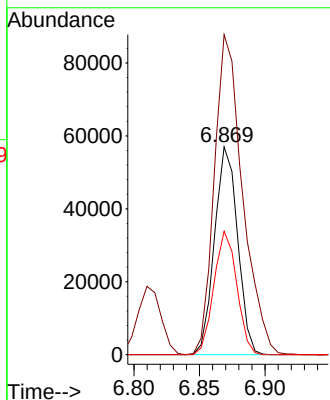
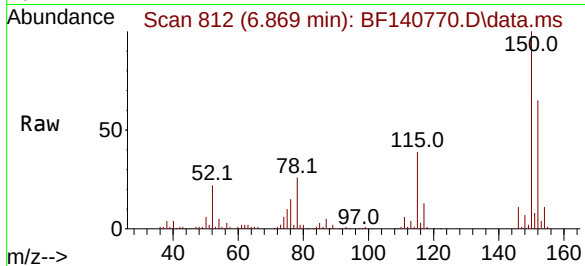




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

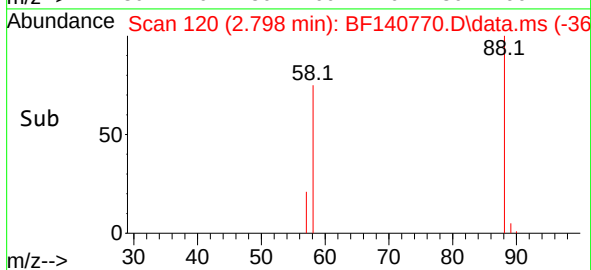
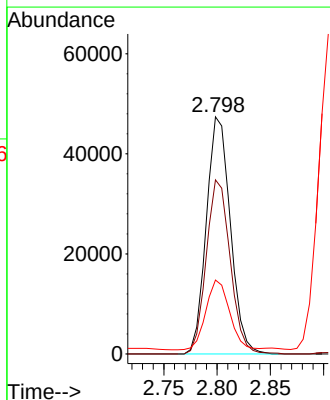
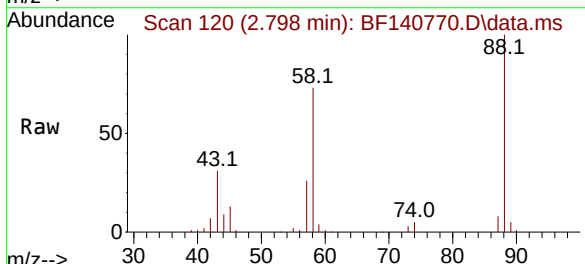
Instrument :
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 MH-764MSD

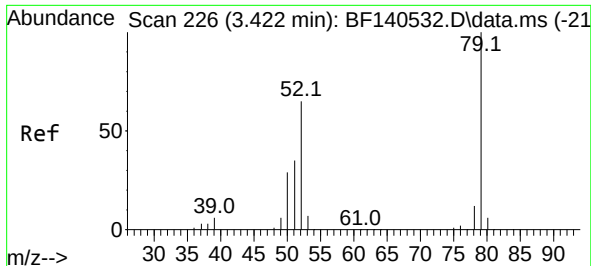
Tgt Ion:152 Resp: 69745
 Ion Ratio Lower Upper
 152 100
 150 154.0 128.5 192.7
 115 59.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 43.214 ng
 RT: 2.798 min Scan# 120
 Delta R.T. 0.147 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Tgt Ion: 88 Resp: 74271
 Ion Ratio Lower Upper
 88 100
 58 73.1 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 36.949 ng

RT: 3.551 min Scan# 24

Delta R.T. 0.129 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

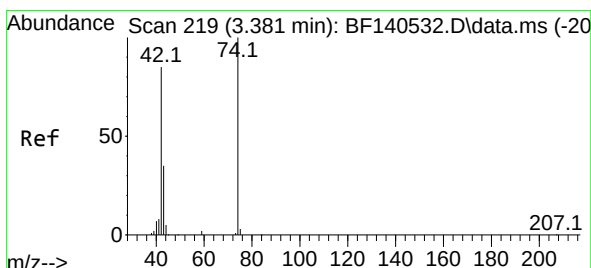
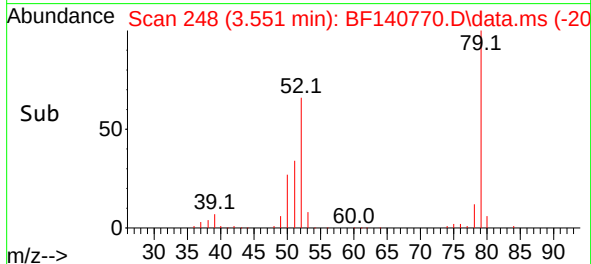
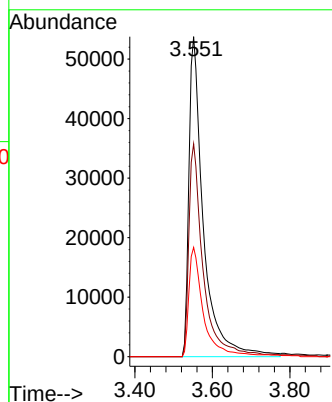
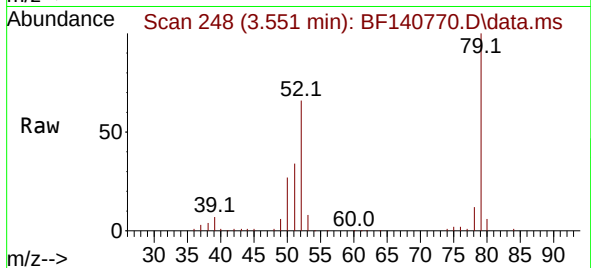
Tgt Ion: 79 Resp: 139720

Ion Ratio Lower Upper

79 100

52 66.5 52.1 78.1

51 34.1 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 46.057 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.088 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

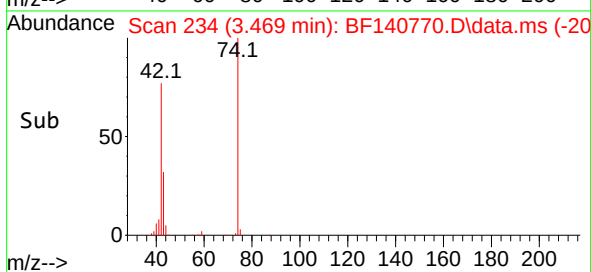
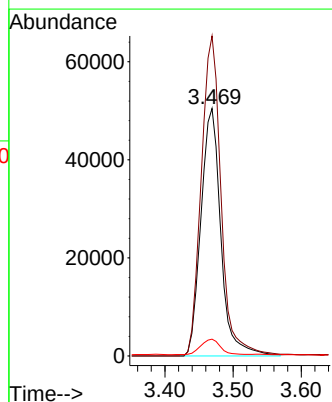
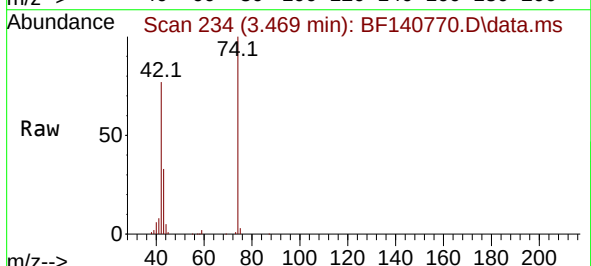
Tgt Ion: 42 Resp: 102362

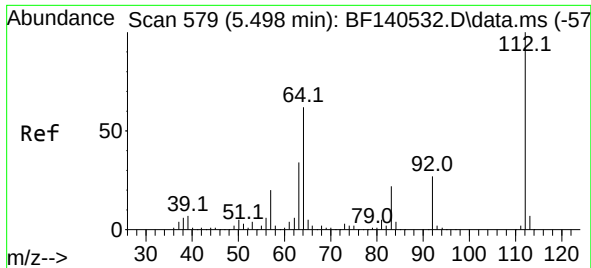
Ion Ratio Lower Upper

42 100

74 129.3 93.8 140.6

44 6.8 4.6 6.8

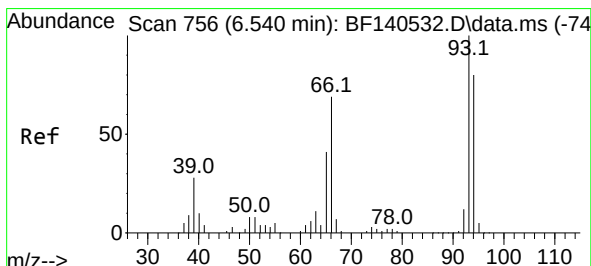
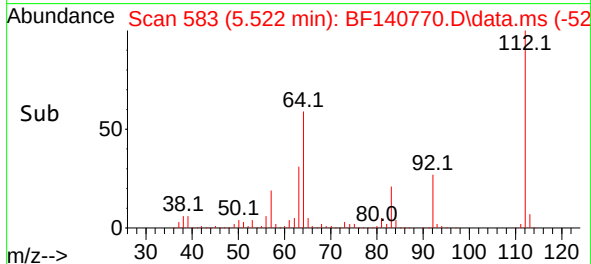
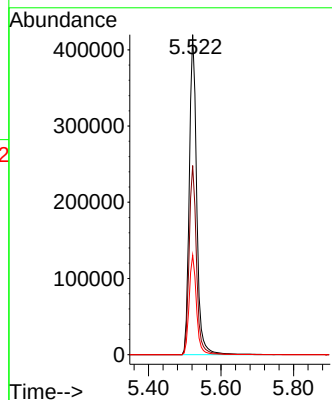
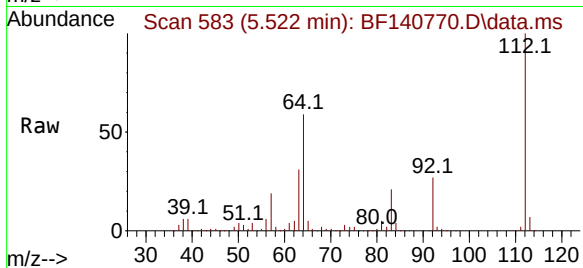




#5
2-Fluorophenol
Concen: 145.272 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

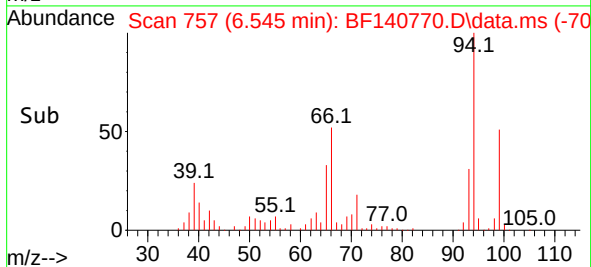
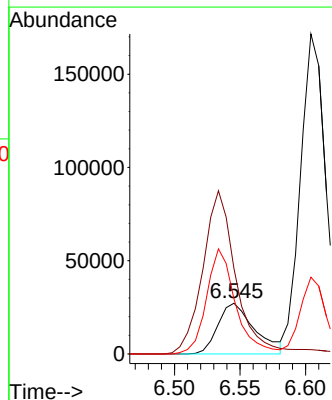
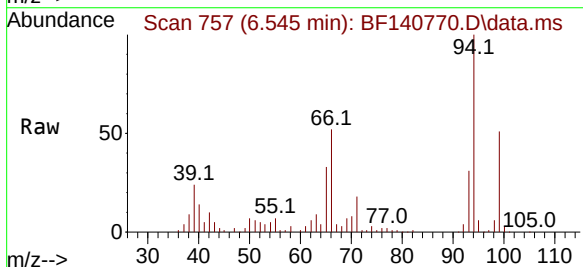
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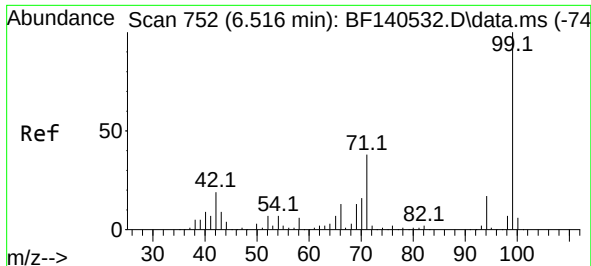
Tgt Ion:112 Resp: 593830
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.1 27.0 40.4



#6
Aniline
Concen: 13.917 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion: 93 Resp: 52937
Ion Ratio Lower Upper
93 100
66 168.4 56.5 84.7#
65 108.4 32.9 49.3#

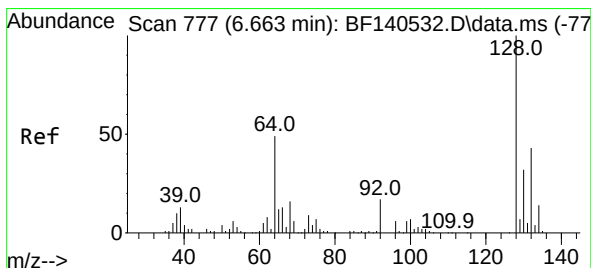
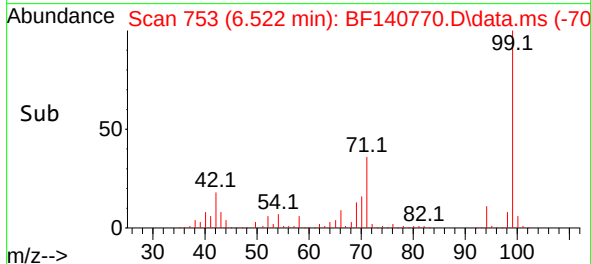
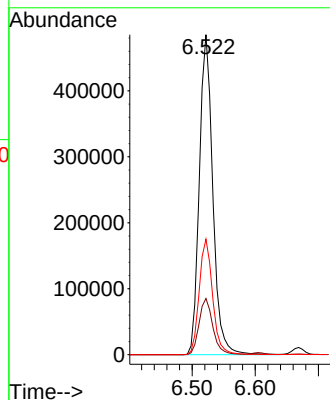
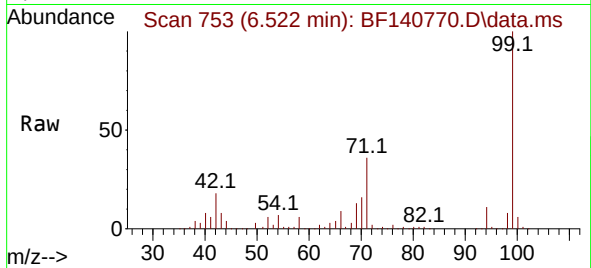




#7
Phenol-d6
Concen: 133.023 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

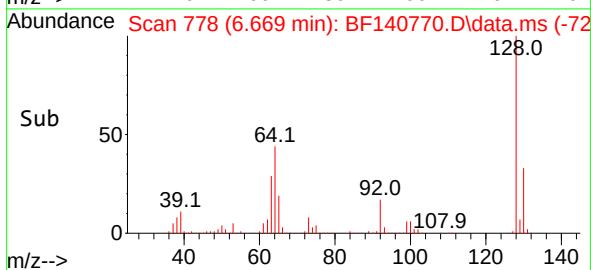
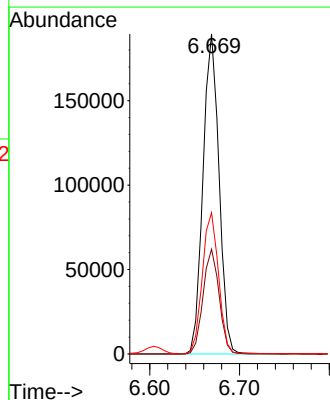
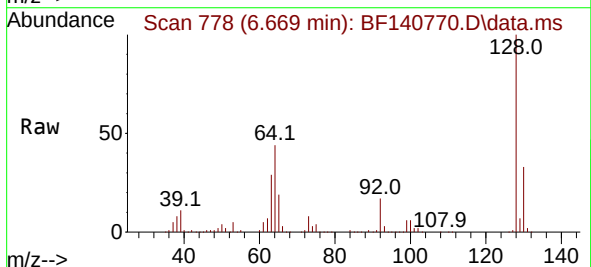
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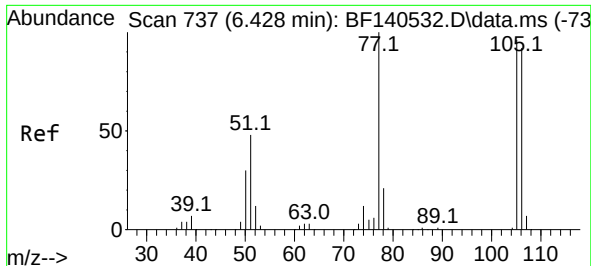
Tgt Ion: 99 Resp: 718862
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.1 30.6 46.0



#8
2-Chlorophenol
Concen: 53.530 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:128 Resp: 235411
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 44.2 30.2 70.2





#9

Benzaldehyde

Concen: 12.488 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

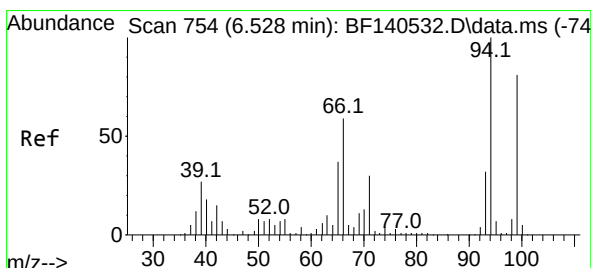
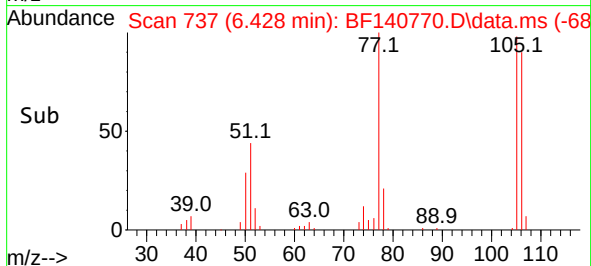
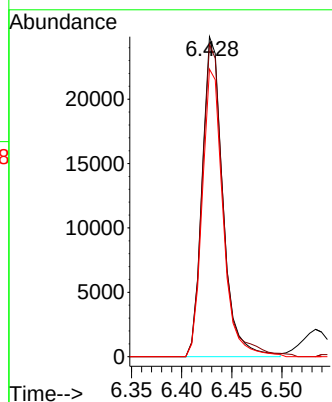
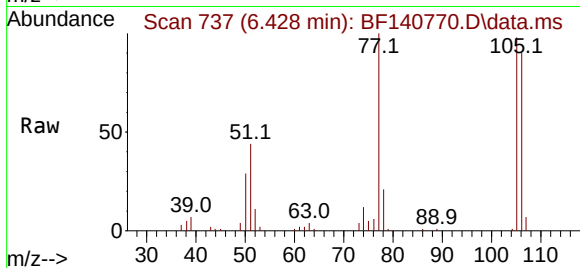
Tgt Ion: 77 Resp: 35726

Ion Ratio Lower Upper

77 100

105 97.6 75.6 115.6

106 89.9 72.0 112.0



#10

Phenol

Concen: 45.448 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

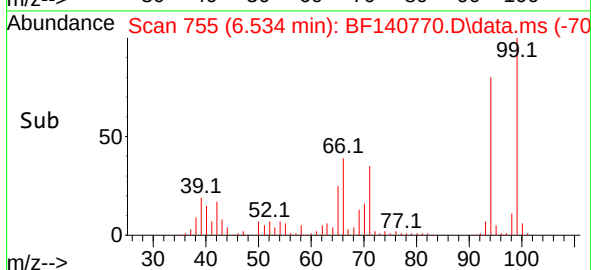
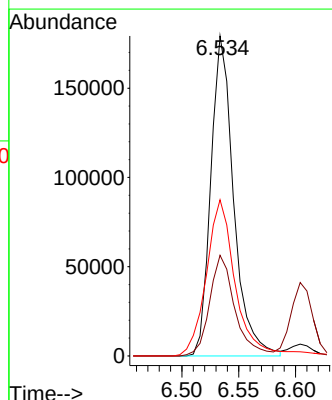
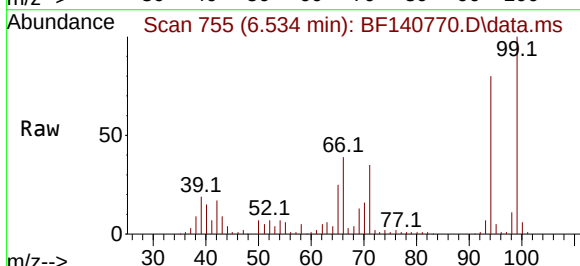
Tgt Ion: 94 Resp: 250822

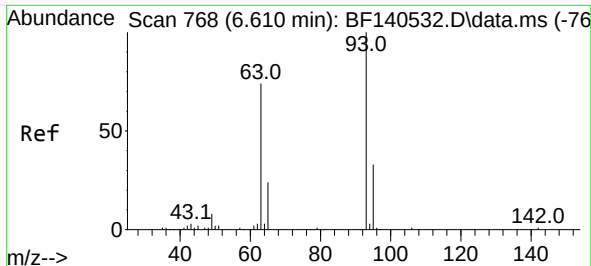
Ion Ratio Lower Upper

94 100

65 31.4 17.2 57.2

66 48.8 39.2 79.2

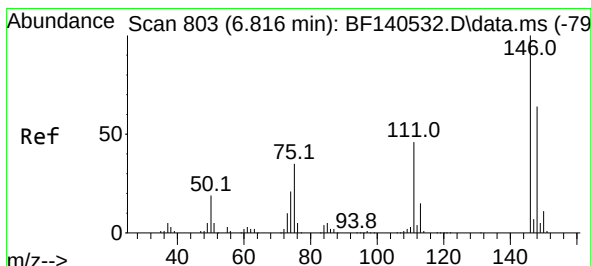
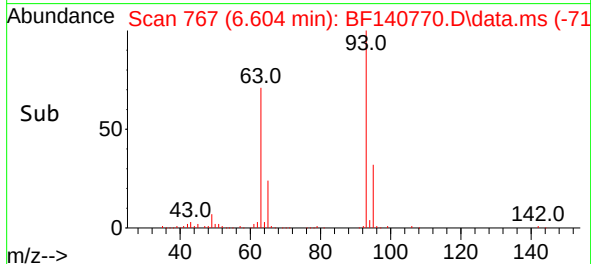
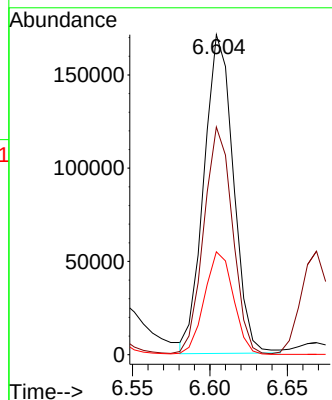
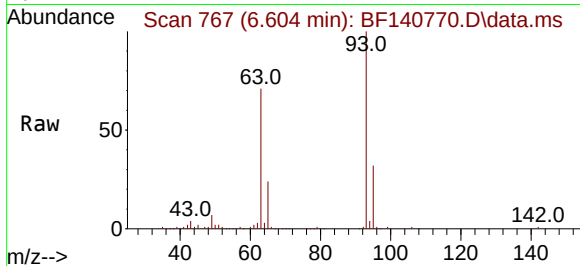




#11
bis(2-Chloroethyl)ether
Concen: 53.560 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

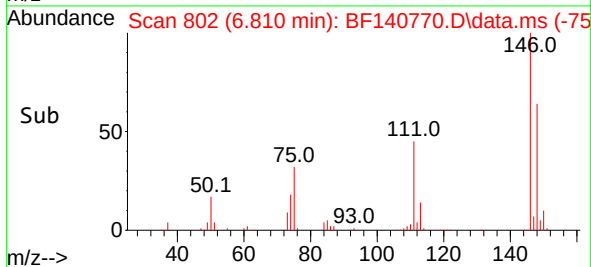
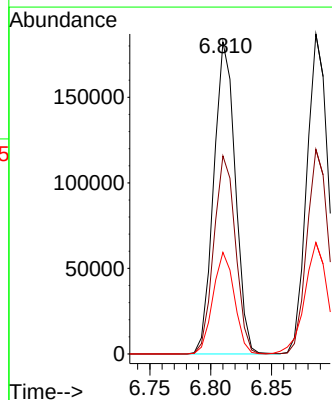
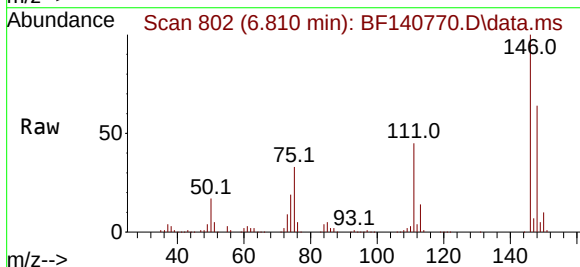
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

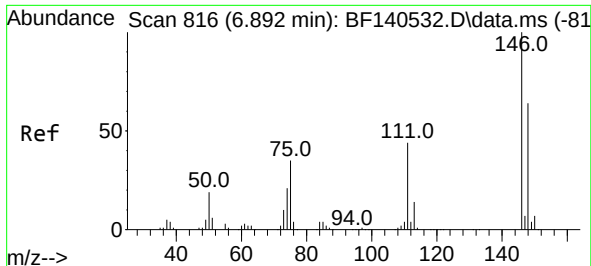
Tgt Ion:	93	Resp:	226195
Ion	Ratio	Lower	Upper
93	100		
63	71.1	52.8	92.8
95	32.2	12.3	52.3



#12
1,3-Dichlorobenzene
Concen: 45.500 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:	146	Resp:	224838
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.3	76.9
75	32.5	28.2	42.2

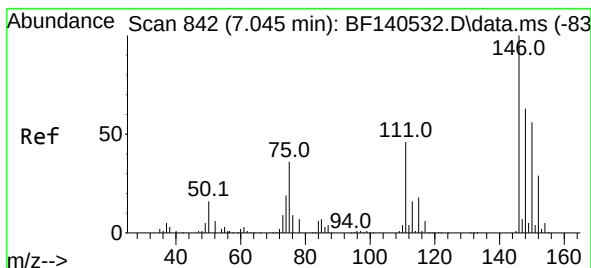
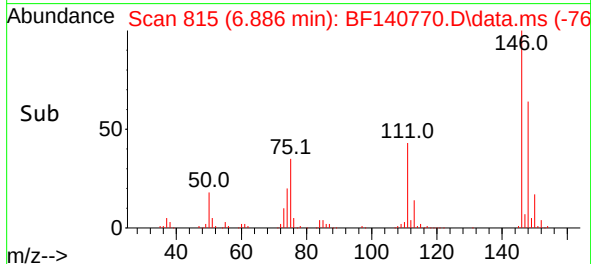
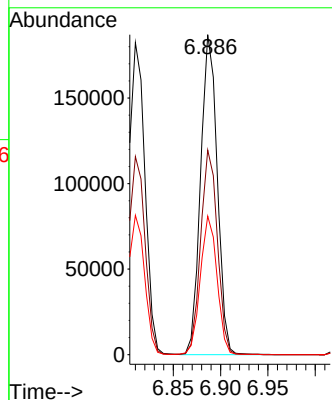
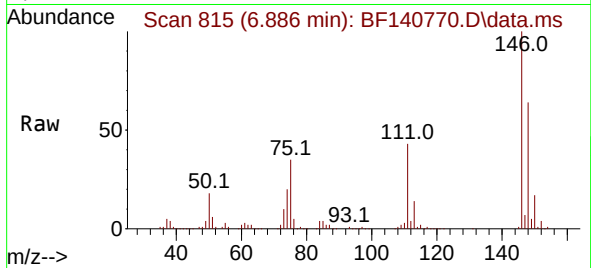




#13
1,4-Dichlorobenzene
Concen: 45.681 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

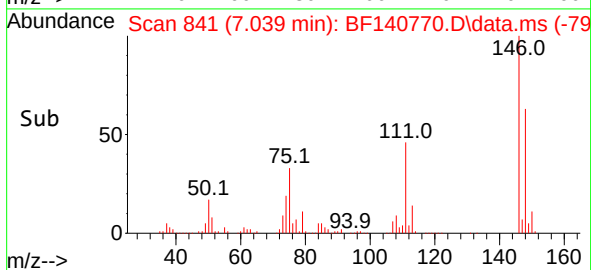
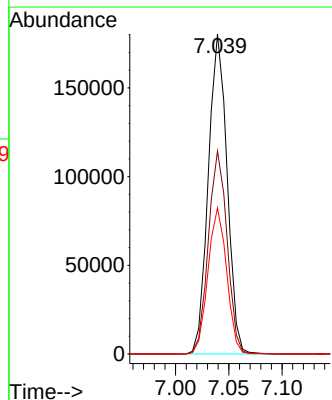
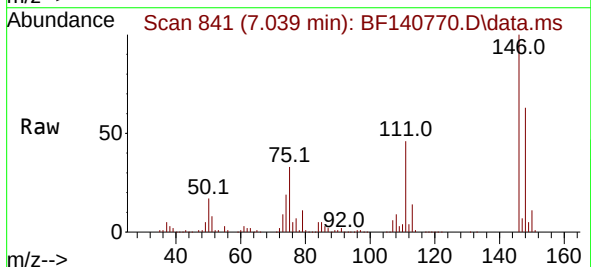
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

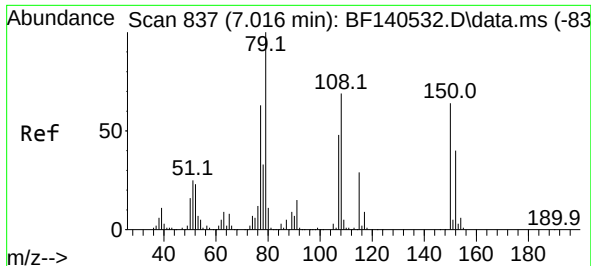
Tgt Ion:146 Resp: 228563
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.3 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 47.134 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:146 Resp: 220987
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 45.7 36.7 55.1

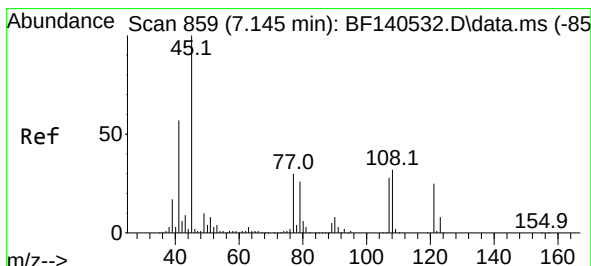
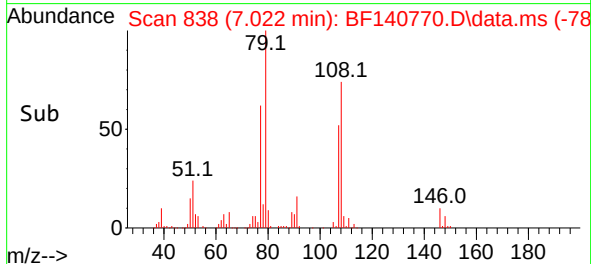
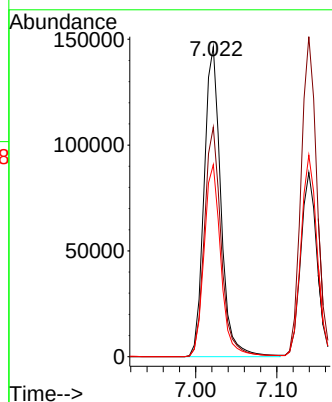
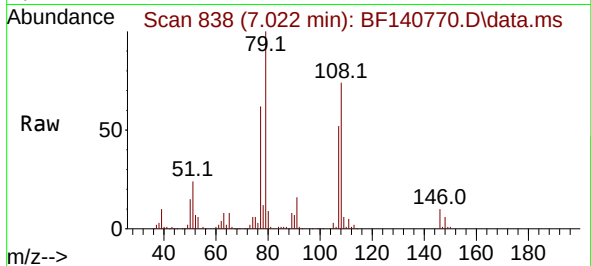




#15
Benzyl Alcohol
Concen: 52.350 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

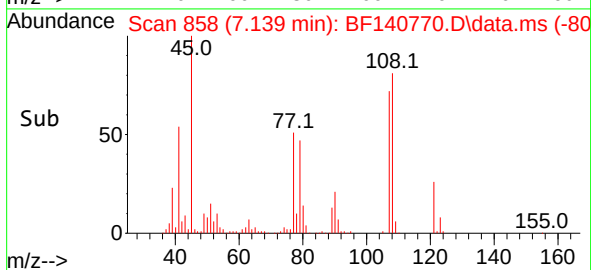
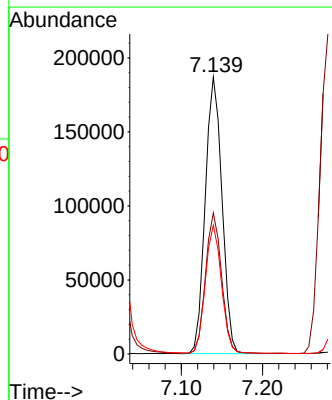
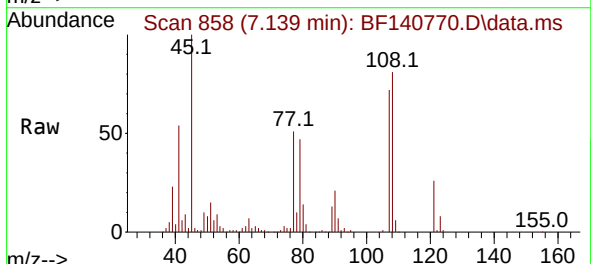
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

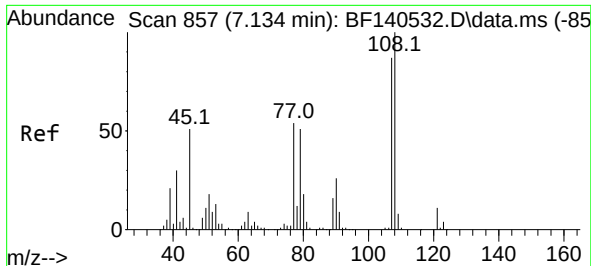
Tgt Ion: 79 Resp: 209800
Ion Ratio Lower Upper
79 100
108 74.1 55.0 82.6
77 62.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.432 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion: 45 Resp: 266587
Ion Ratio Lower Upper
45 100
77 50.9 10.7 50.7#
79 46.5 7.0 47.0

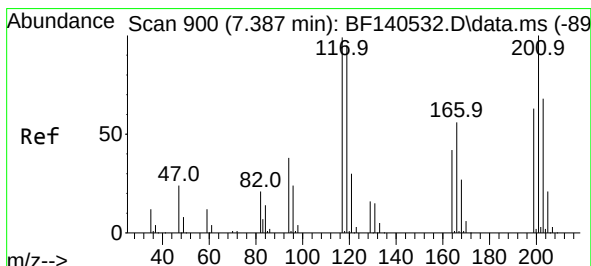
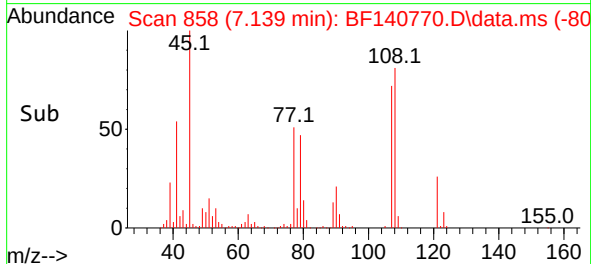
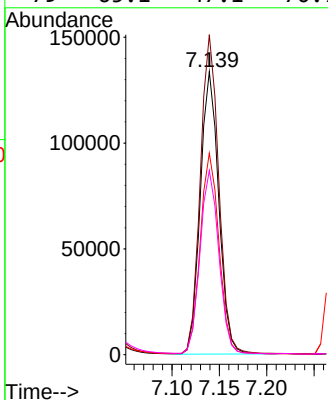
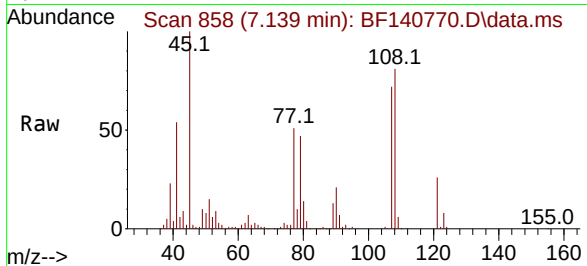




#17
2-Methylphenol
Concen: 51.347 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

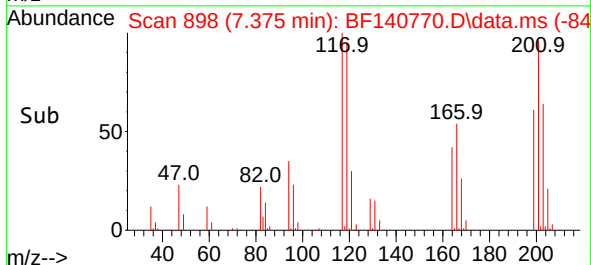
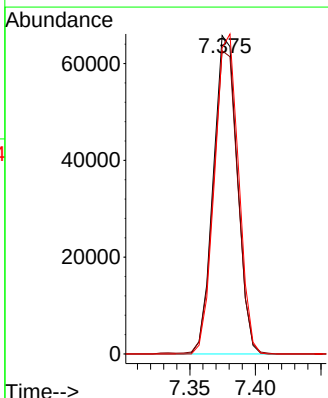
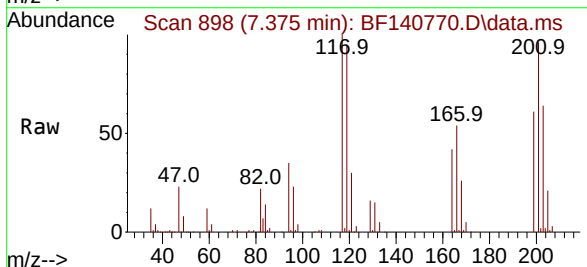
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

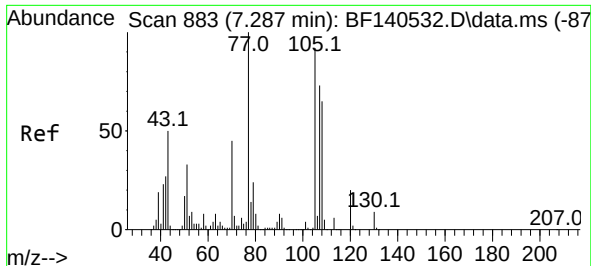
Tgt Ion:	107	Resp:	180761
Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	71.2	49.3	73.9
79	65.1	47.1	70.7



#18
Hexachloroethane
Concen: 44.745 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:	117	Resp:	83616
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.1	115.7
201	96.1	81.1	121.7



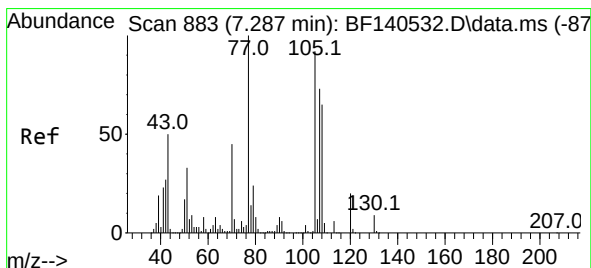
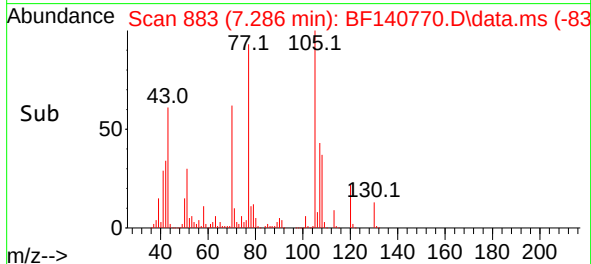
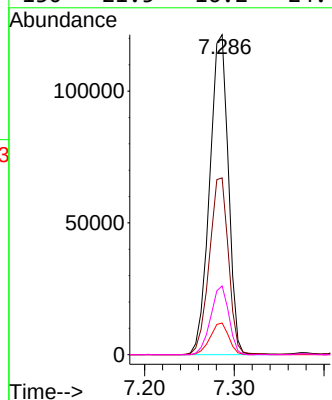
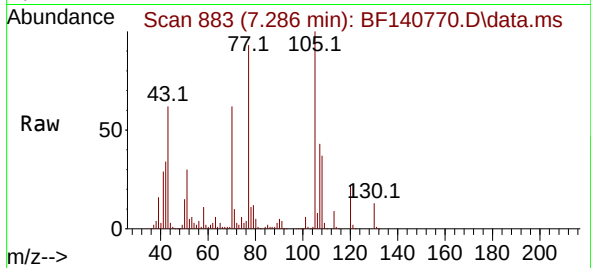


#19
n-Nitroso-di-n-propylamine
Concen: 55.108 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Instrument :
BNA_F
ClientSampleId :
MH-764MSD

Tgt Ion: 70 Resp: 176004

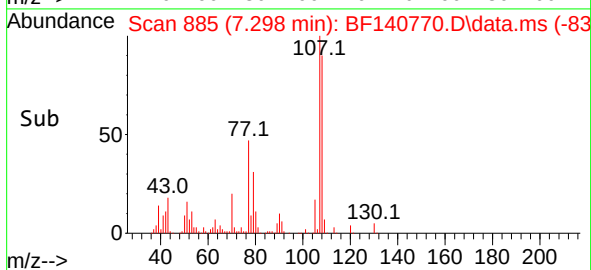
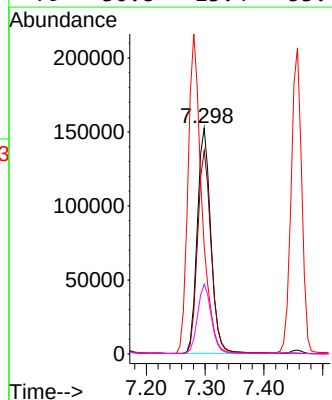
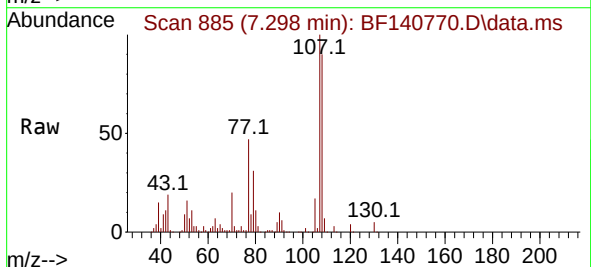
Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.6	71.4
101	9.9	7.6	11.4
130	21.5	16.2	24.4

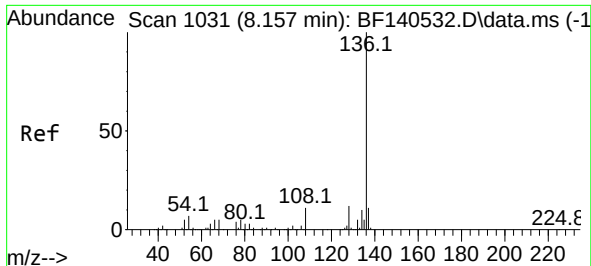


#20
3+4-Methylphenols
Concen: 54.021 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion: 107 Resp: 244439

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.9	109.9
77	47.5	117.7	157.7#
79	30.8	13.4	53.4

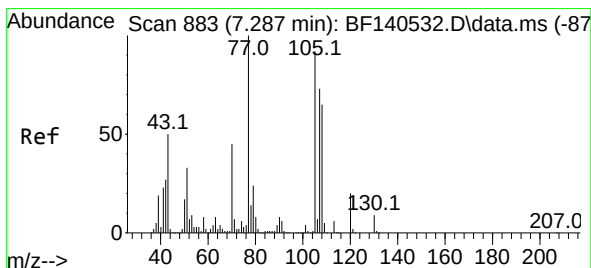
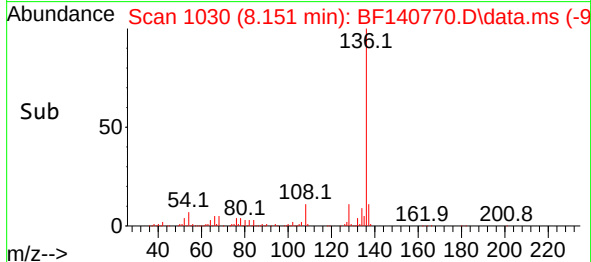
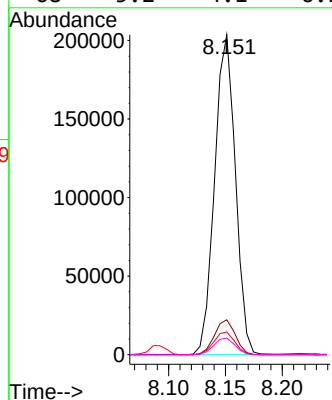
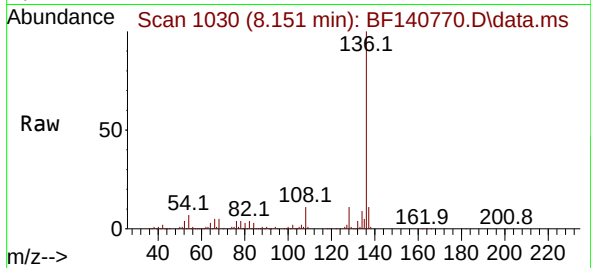




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

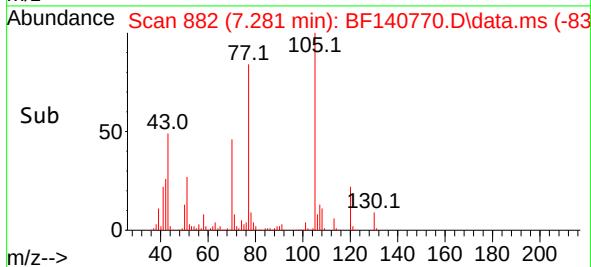
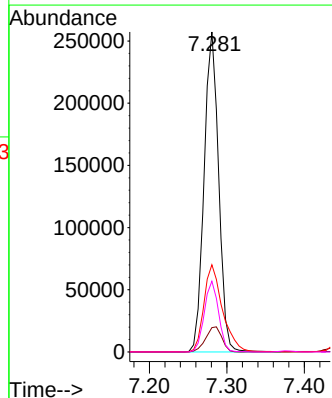
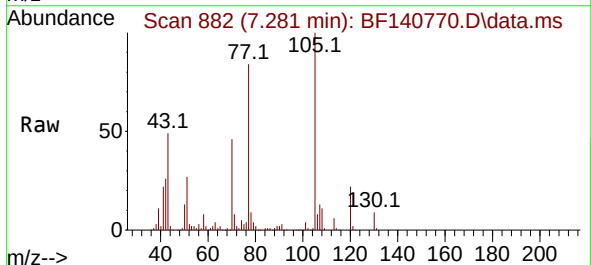
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

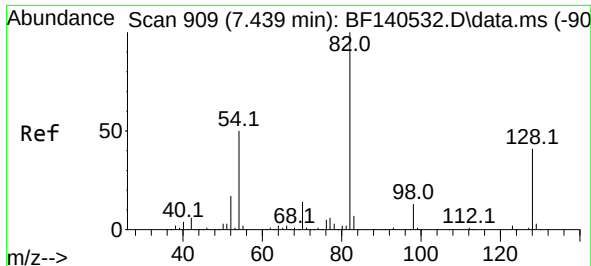
Tgt Ion:136 Resp: 259192
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.8 8.8
68 5.2 4.1 6.1



#22
Acetophenone
Concen: 53.130 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:105 Resp: 335726
Ion Ratio Lower Upper
105 100
71 7.6 6.2 9.2
51 27.3 29.0 43.6#
120 22.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 106.187 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

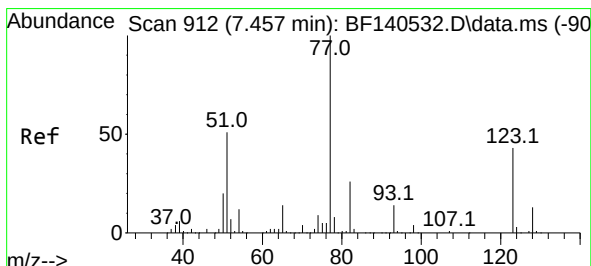
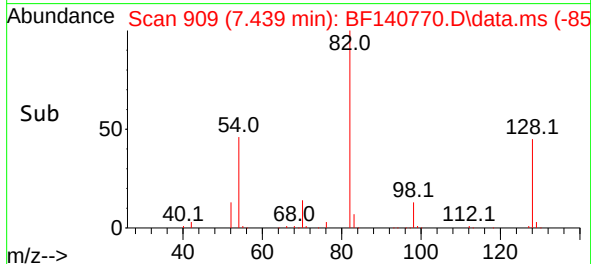
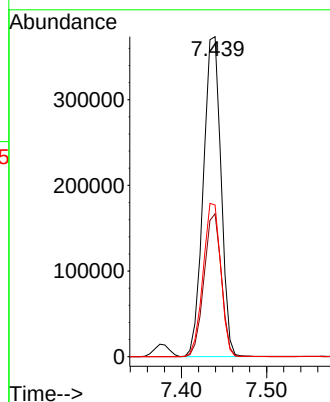
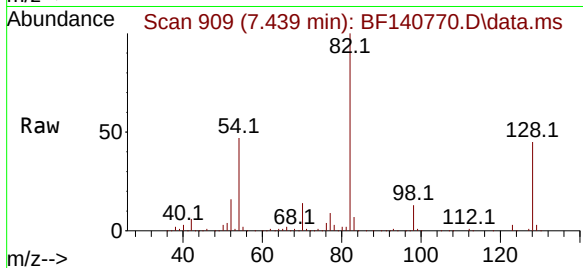
Tgt Ion: 82 Resp: 538077

Ion Ratio Lower Upper

82 100

128 44.7 33.0 49.4

54 47.4 39.5 59.3



#24

Nitrobenzene

Concen: 49.444 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

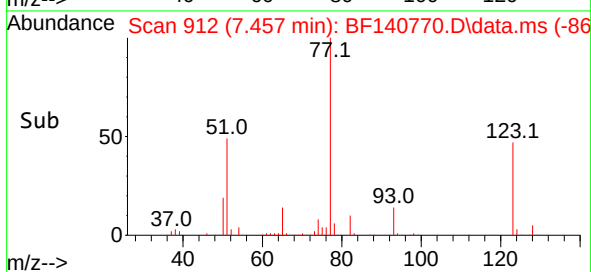
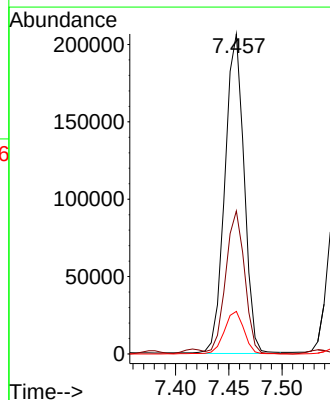
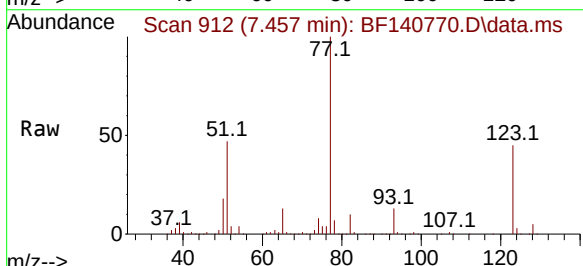
Tgt Ion: 77 Resp: 258945

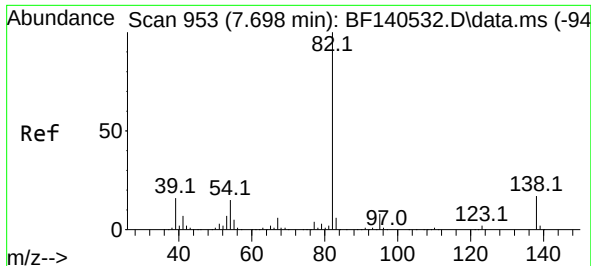
Ion Ratio Lower Upper

77 100

123 44.7 34.3 51.5

65 13.3 11.2 16.8

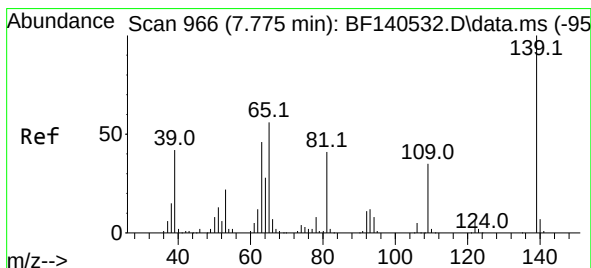
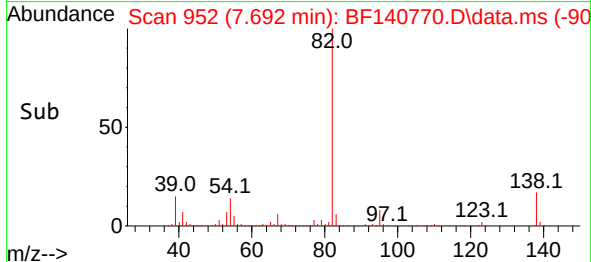
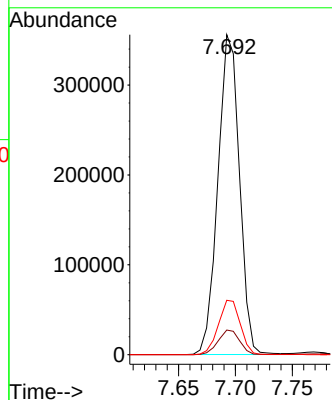
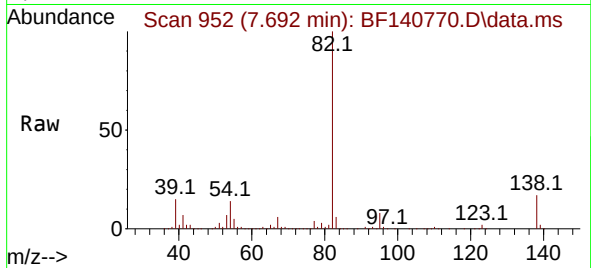




#25
Isophorone
Concen: 55.633 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

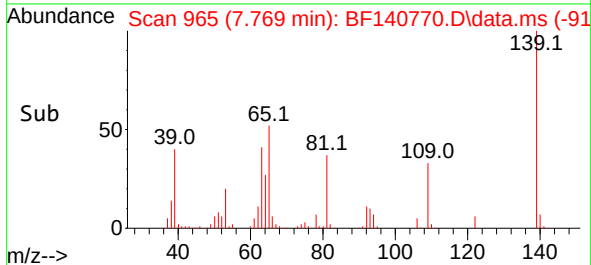
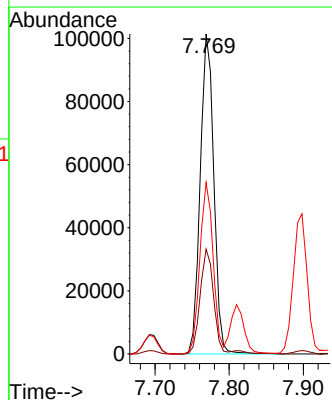
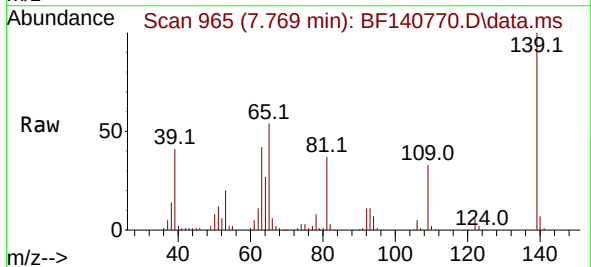
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

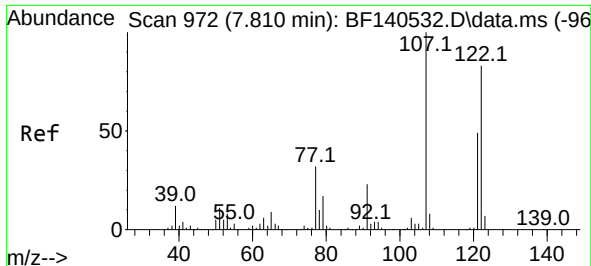
Tgt Ion: 82 Resp: 470201
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.0 13.8 20.6



#26
2-Nitrophenol
Concen: 55.568 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:139 Resp: 128967
Ion Ratio Lower Upper
139 100
109 32.7 28.0 42.0
65 53.6 44.6 67.0

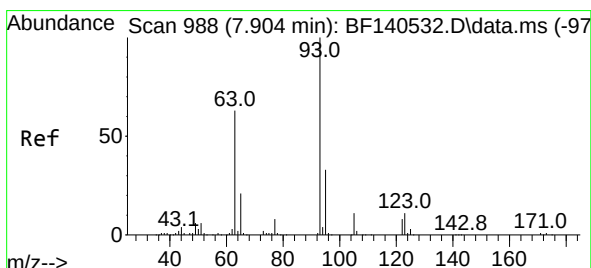
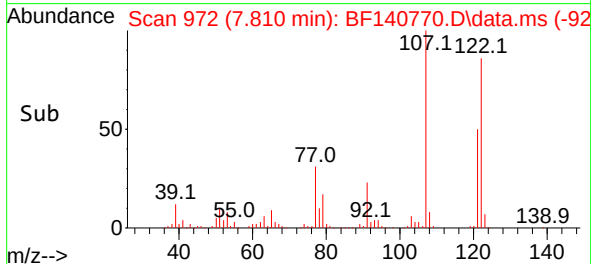
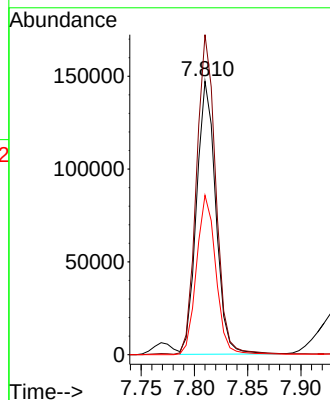
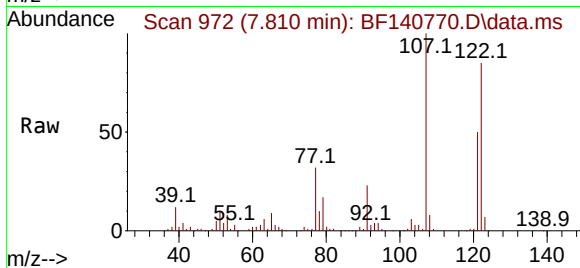




#27
2,4-Dimethylphenol
Concen: 66.603 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

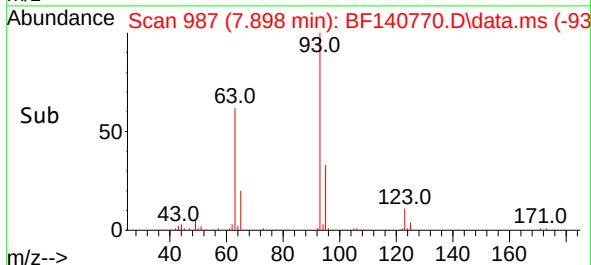
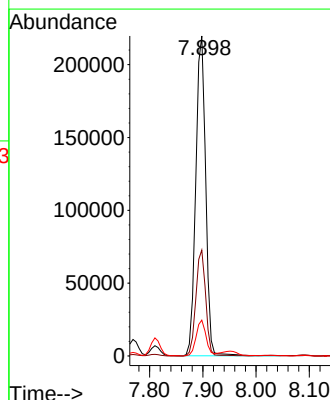
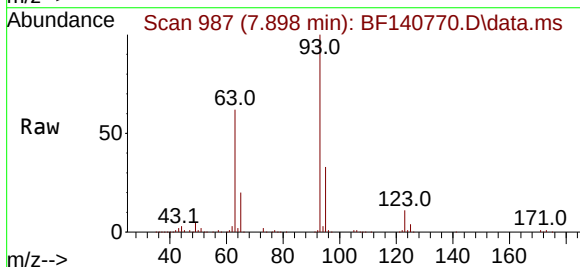
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

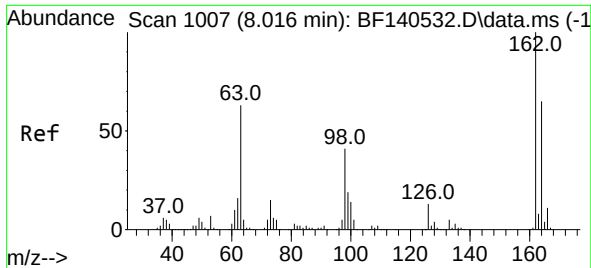
Tgt Ion:122 Resp: 184950
Ion Ratio Lower Upper
122 100
107 117.0 96.8 145.2
121 58.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 55.178 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion: 93 Resp: 284105
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.533 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.012 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

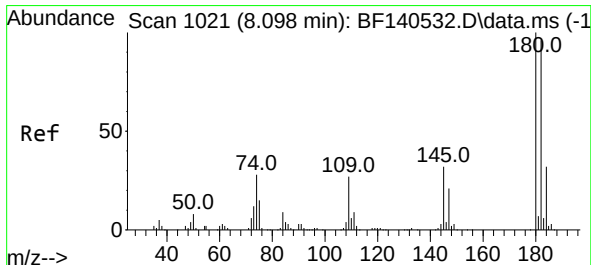
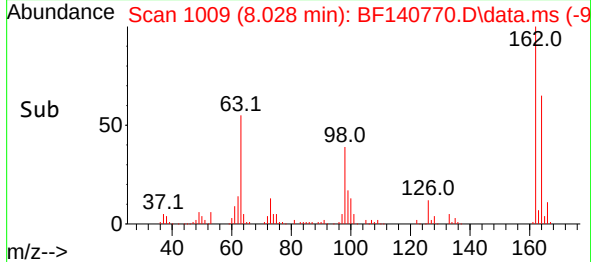
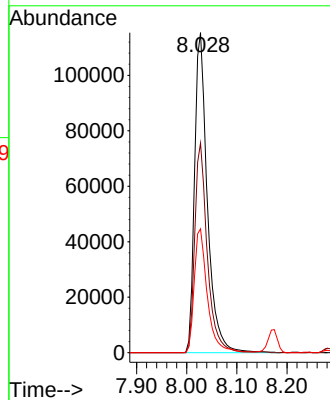
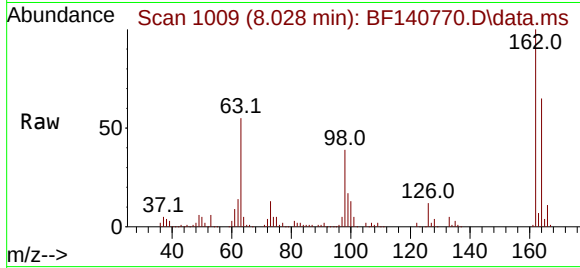
Tgt Ion:162 Resp: 204337

Ion Ratio Lower Upper

162 100

164 65.5 44.8 84.8

98 38.7 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 49.181 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

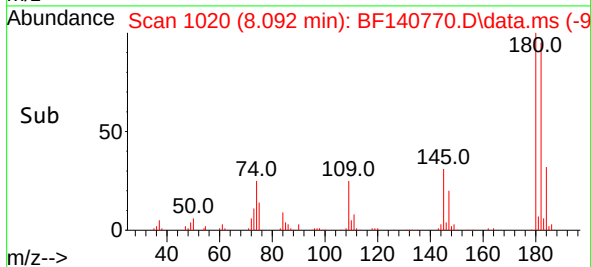
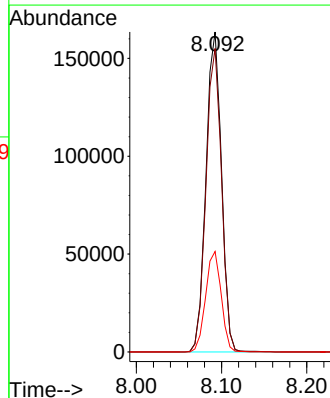
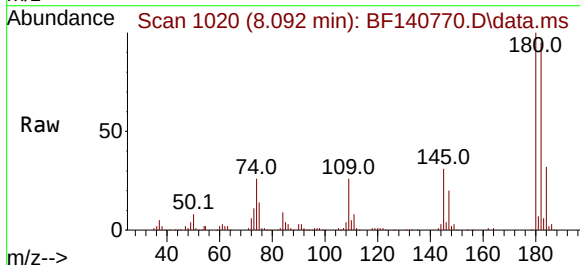
Tgt Ion:180 Resp: 206621

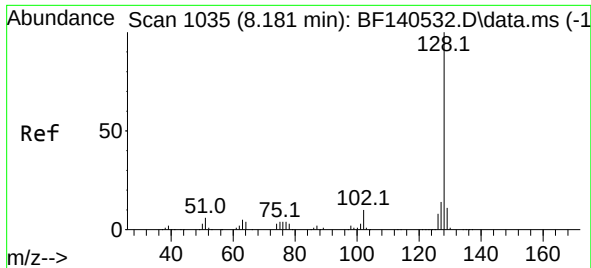
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.4 25.9 38.9

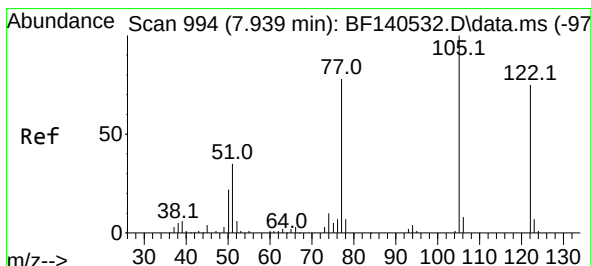
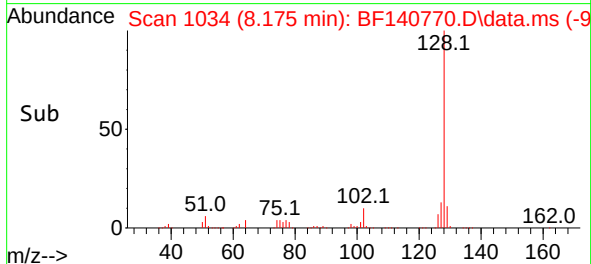
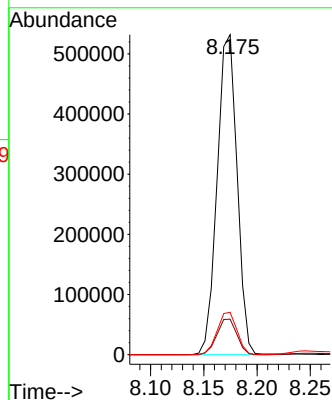
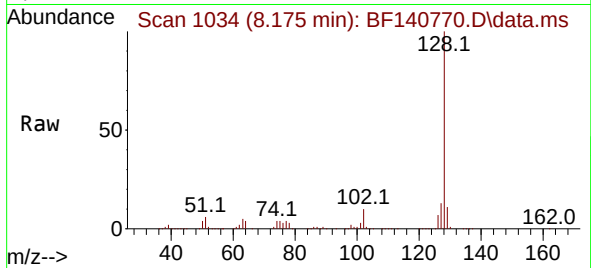




#31
Naphthalene
Concen: 51.738 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

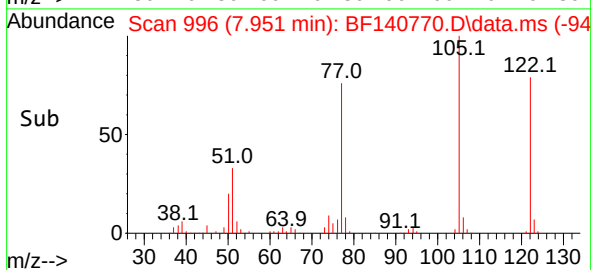
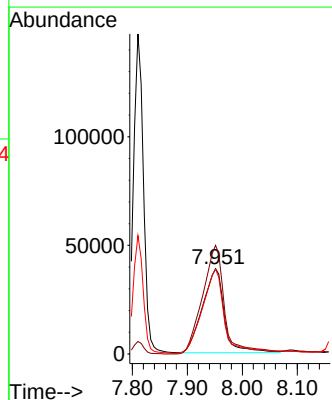
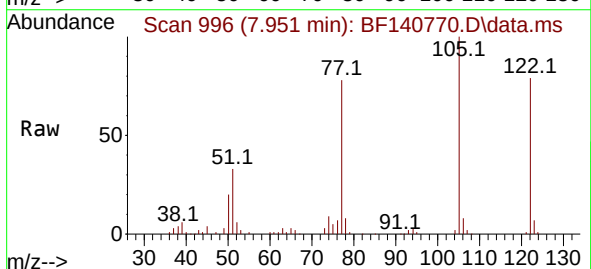
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

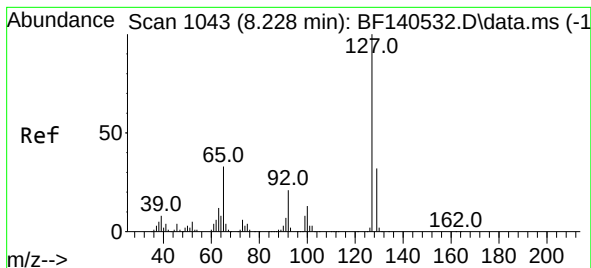
Tgt Ion:128 Resp: 690731
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 44.826 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:122 Resp: 106970
Ion Ratio Lower Upper
122 100
105 127.3 109.3 149.3
77 99.3 82.3 122.3





#33

4-Chloroaniline

Concen: 7.014 ng

RT: 8.245 min Scan# 1046

Delta R.T. 0.018 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion:127 Resp: 28035

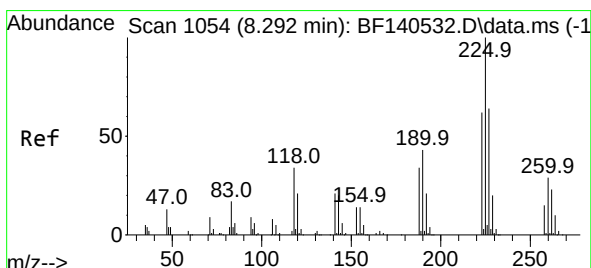
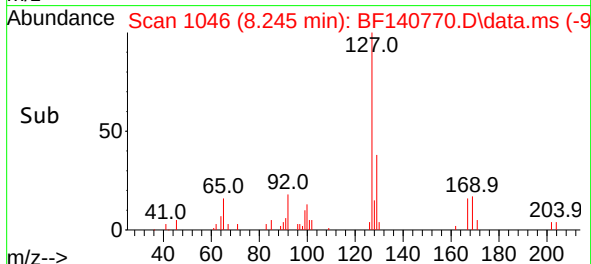
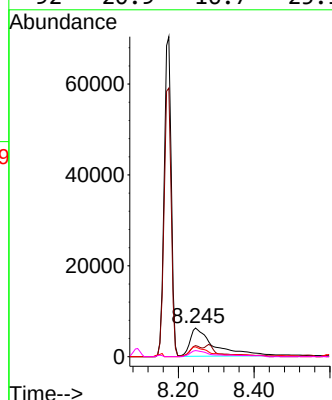
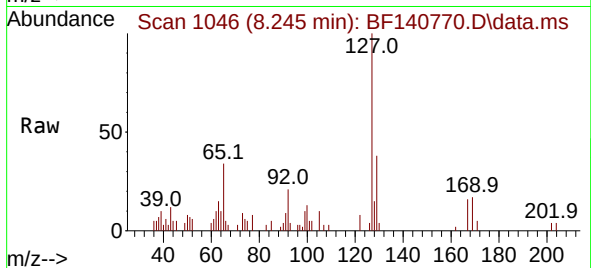
Ion Ratio Lower Upper

127 100

129 38.3 26.0 39.0

65 33.9 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 49.052 ng

RT: 8.280 min Scan# 1052

Delta R.T. -0.012 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

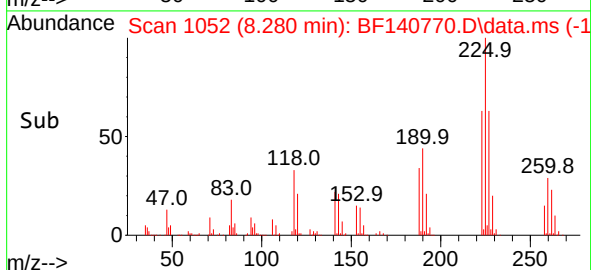
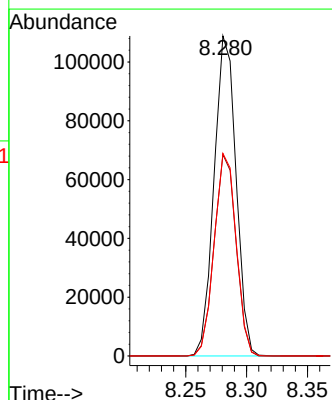
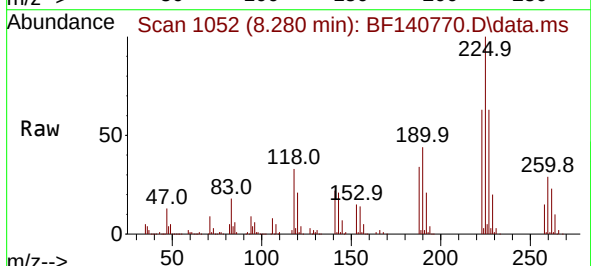
Tgt Ion:225 Resp: 136498

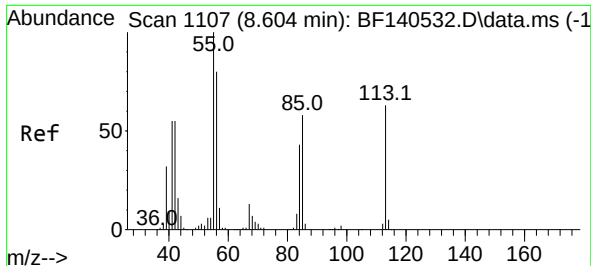
Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.8

227 63.3 51.3 76.9





#35

Caprolactam

Concen: 32.820 ng

RT: 8.604 min Scan# 1107

Delta R.T. -0.000 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

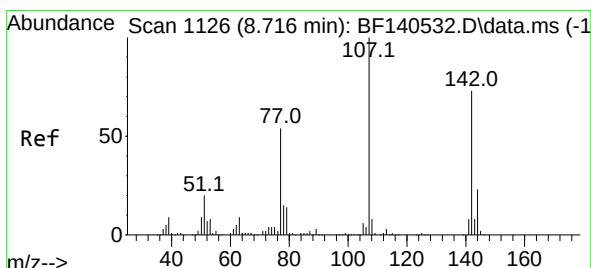
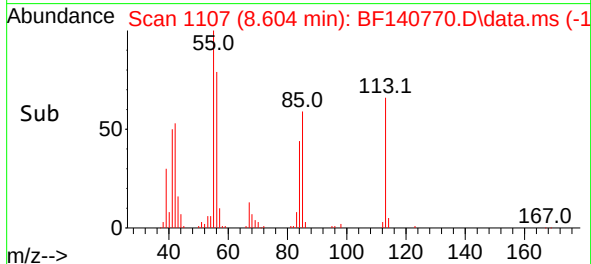
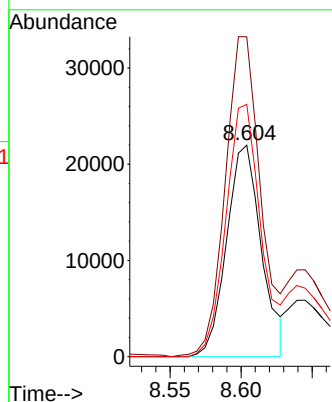
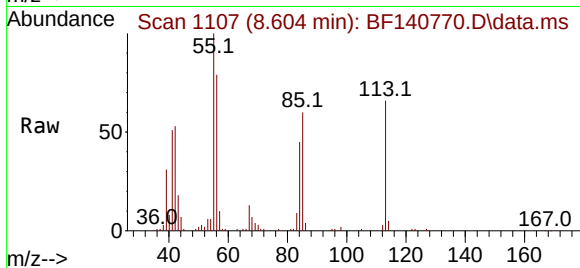
Tgt Ion:113 Resp: 37373

Ion Ratio Lower Upper

113 100

55 151.2 137.7 177.7

56 119.3 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 53.553 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

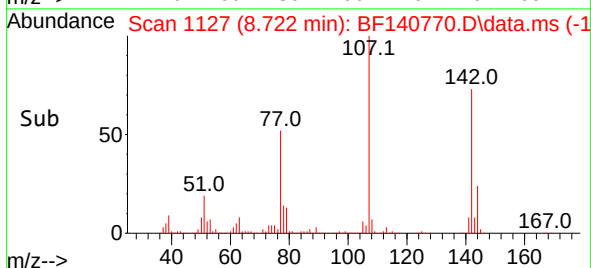
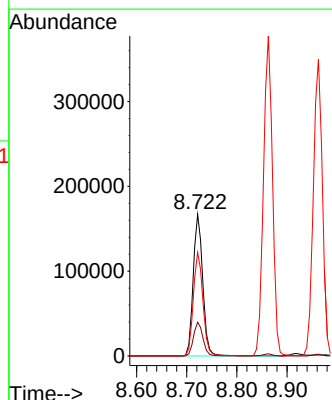
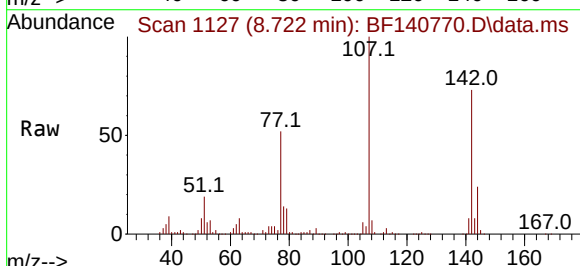
Tgt Ion:107 Resp: 220627

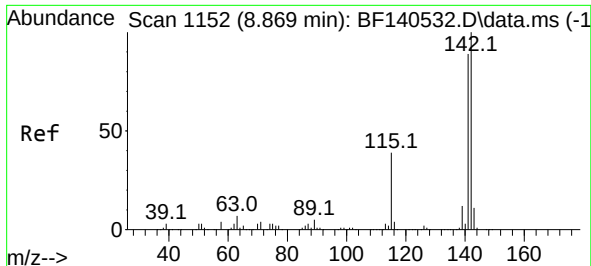
Ion Ratio Lower Upper

107 100

144 23.9 18.7 28.1

142 73.1 58.3 87.5





#37

2-Methylnaphthalene

Concen: 55.734 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

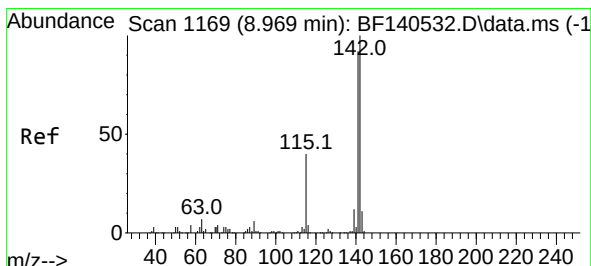
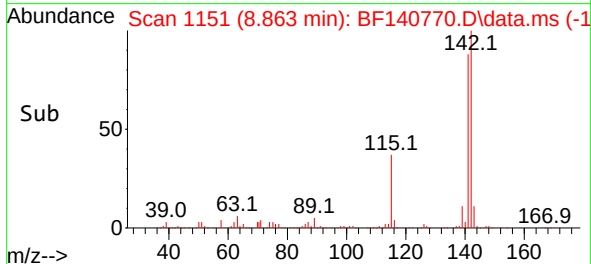
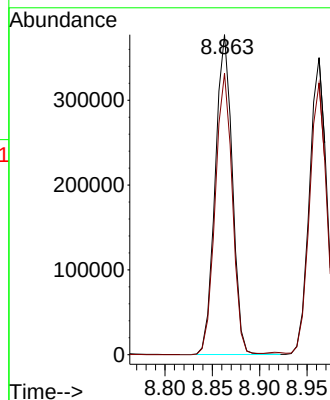
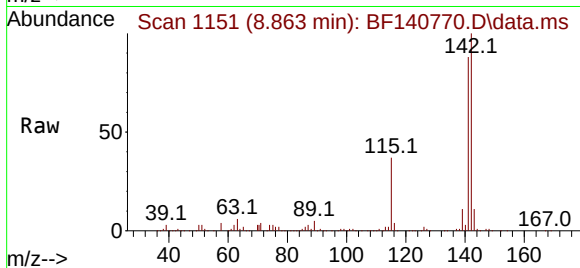
MH-764MSD

Tgt Ion:142 Resp: 472615

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 52.610 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140770.D

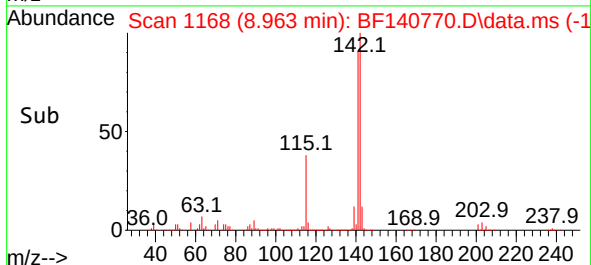
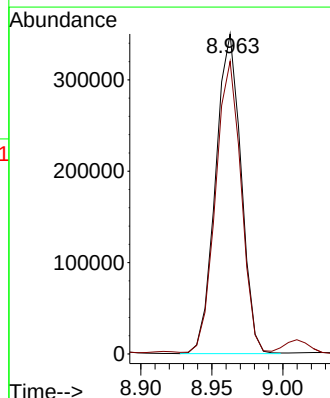
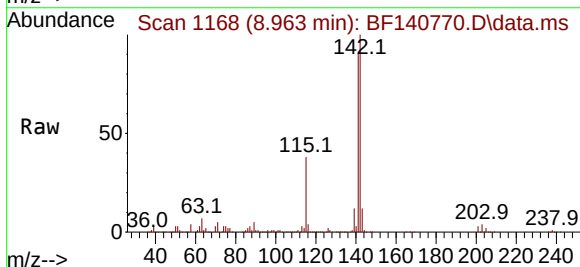
Acq: 06 Dec 2024 16:50

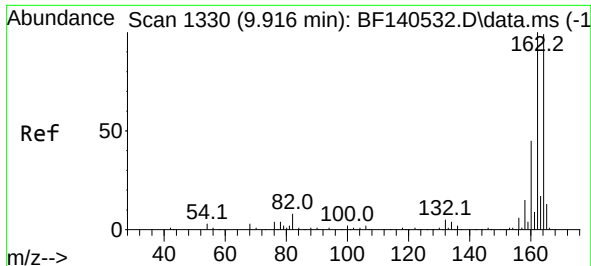
Tgt Ion:142 Resp: 437287

Ion Ratio Lower Upper

142 100

141 91.4 73.3 109.9

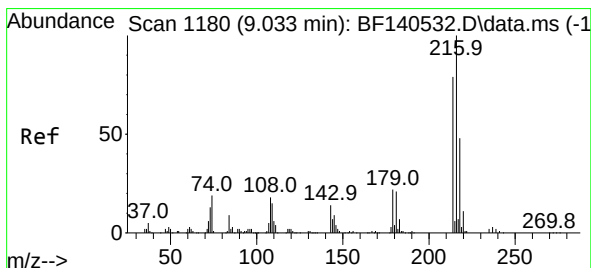
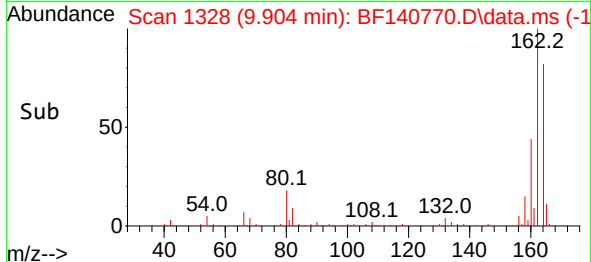
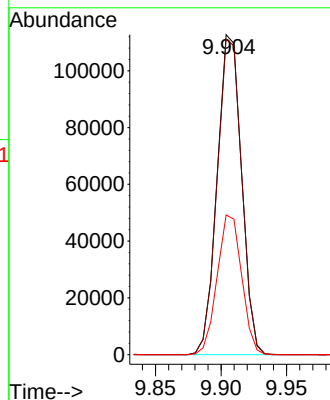
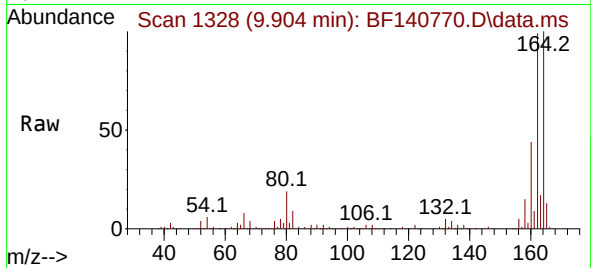




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

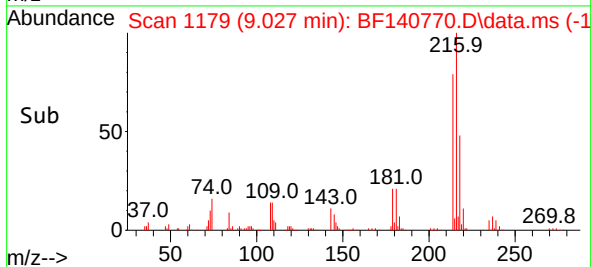
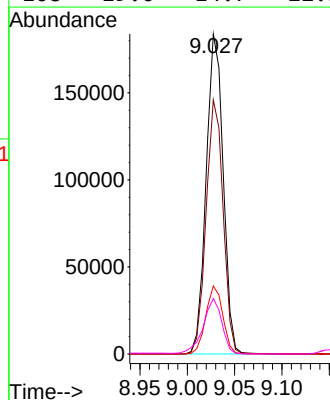
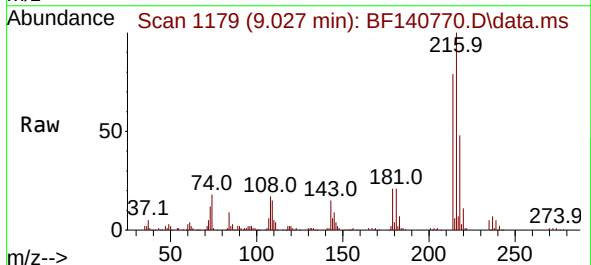
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

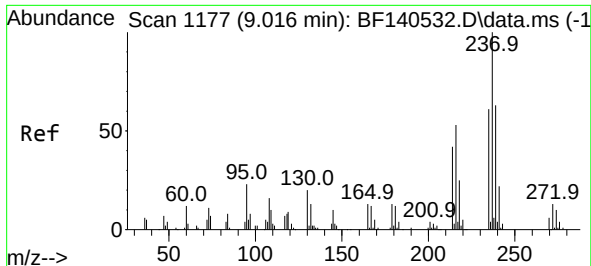
Tgt Ion:164 Resp: 145737
Ion Ratio Lower Upper
164 100
162 98.6 80.6 120.8
160 43.6 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.903 ng
RT: 9.027 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:216 Resp: 229975
Ion Ratio Lower Upper
216 100
214 79.3 63.0 94.4
179 21.2 17.5 26.3
108 19.0 14.7 22.1

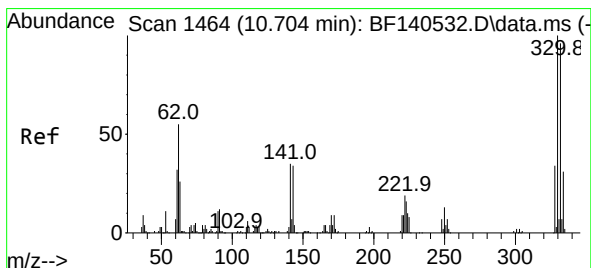
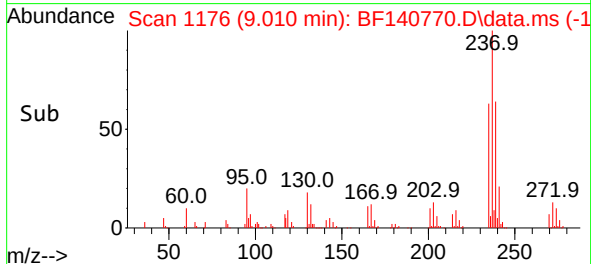
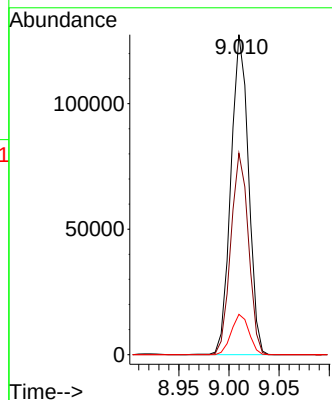
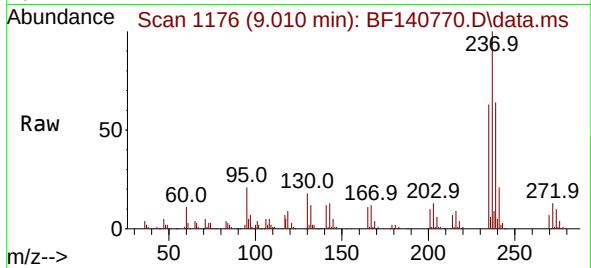




#41
Hexachlorocyclopentadiene
Concen: 154.662 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

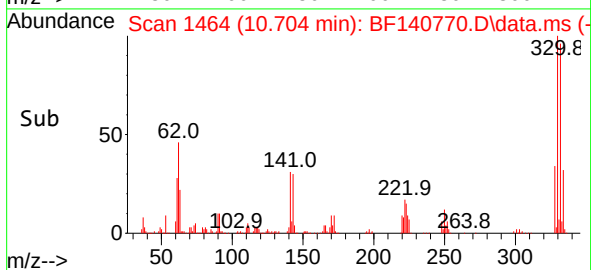
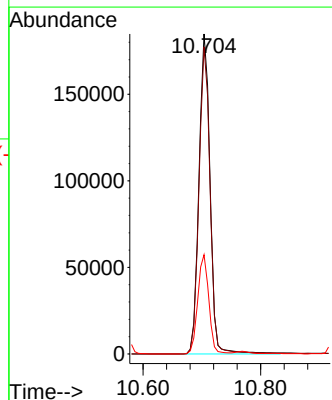
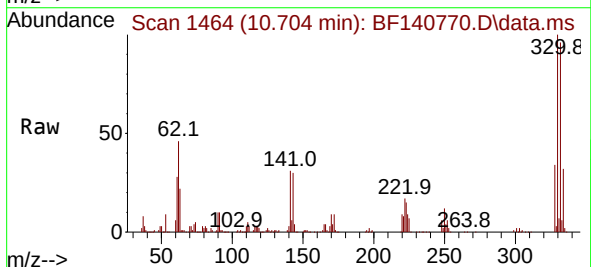
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

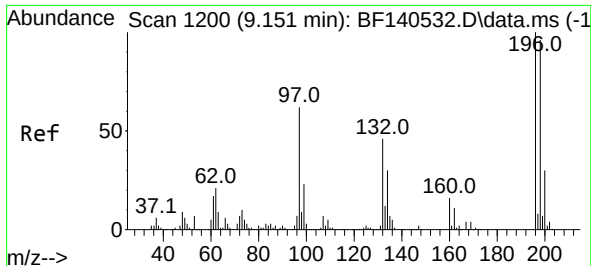
Tgt Ion:237 Resp: 155502
Ion Ratio Lower Upper
237 100
235 62.9 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 155.986 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:330 Resp: 243130
Ion Ratio Lower Upper
330 100
332 96.4 76.9 115.3
141 30.7 26.7 40.1

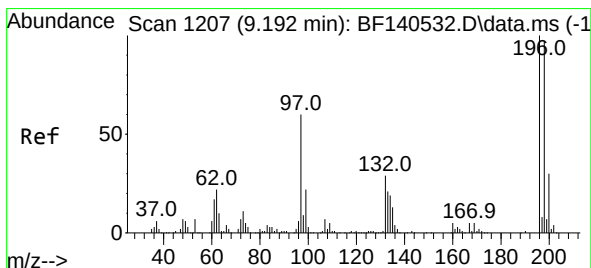
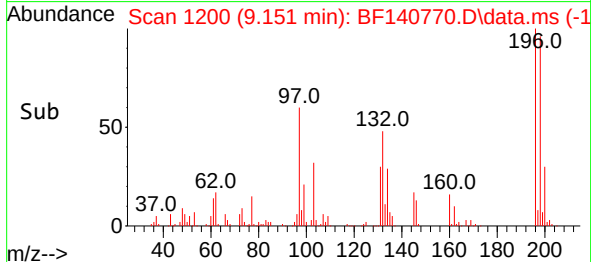
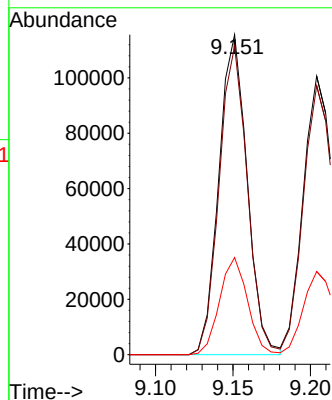
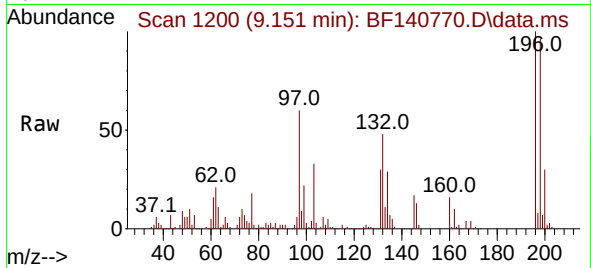




#43
2,4,6-Trichlorophenol
Concen: 54.968 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

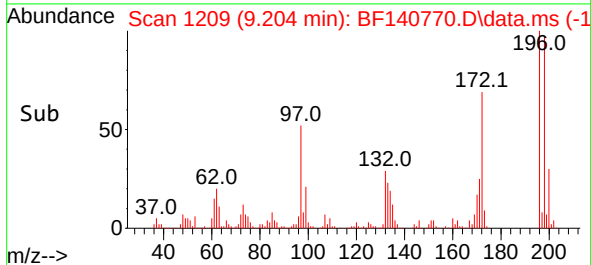
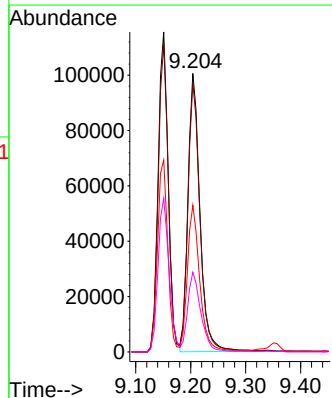
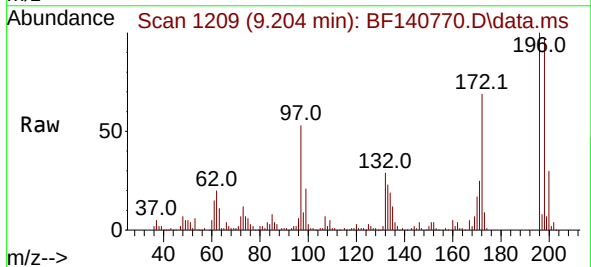
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

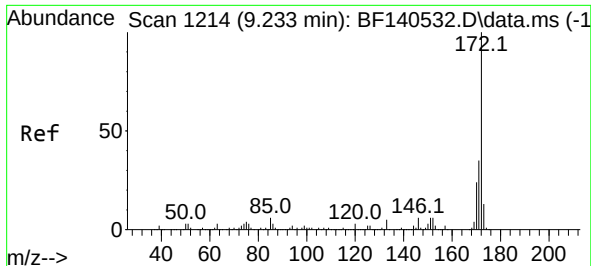
Tgt Ion:196 Resp: 147157
Ion Ratio Lower Upper
196 100
198 96.4 76.8 115.2
200 30.3 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 52.563 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:196 Resp: 152722
Ion Ratio Lower Upper
196 100
198 96.6 77.2 115.8
97 52.6 47.1 70.7
132 28.6 24.1 36.1

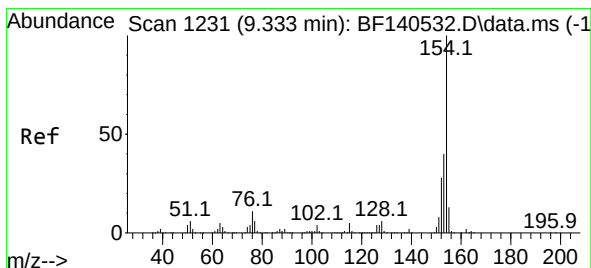
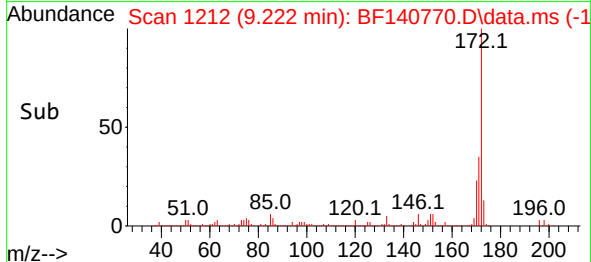
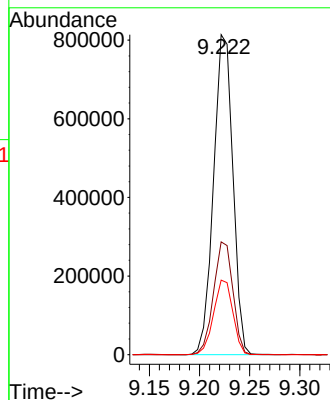
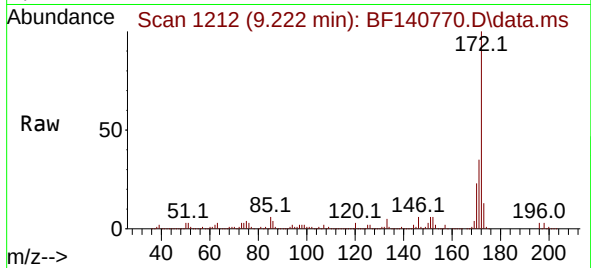




#45
2-Fluorobiphenyl
Concen: 111.557 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

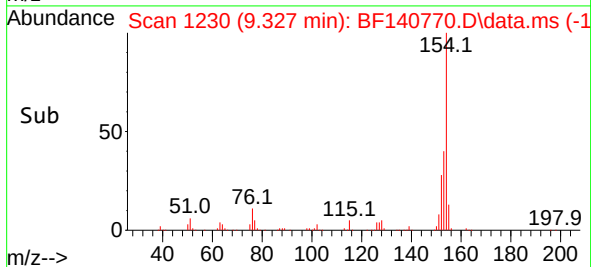
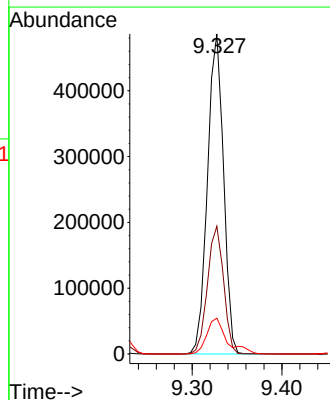
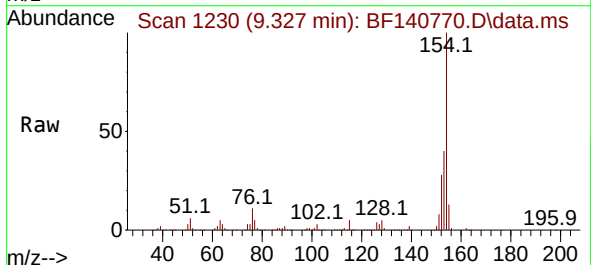
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

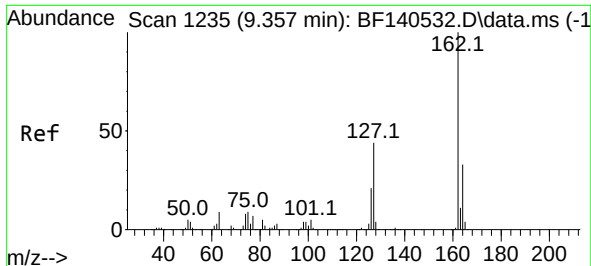
Tgt Ion:172 Resp: 1091179
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 55.508 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:154 Resp: 603971
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 11.2 0.0 31.2

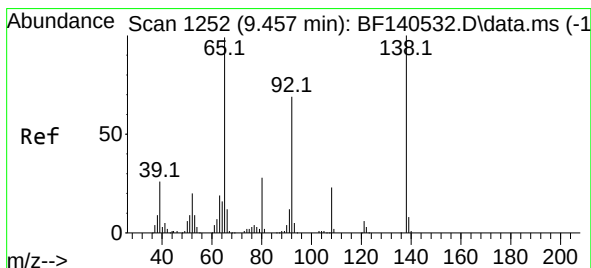
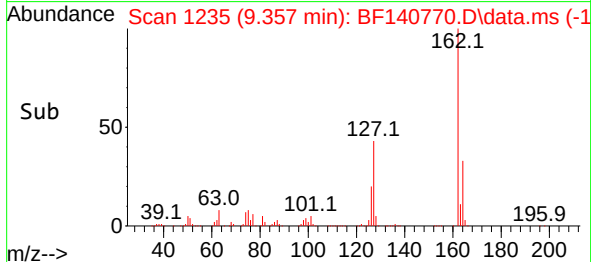
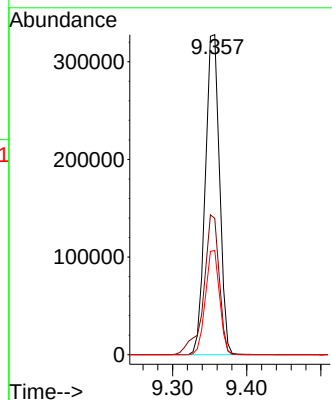
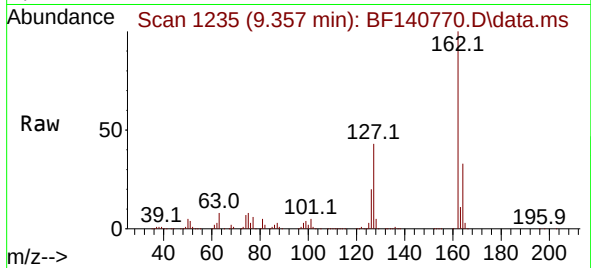




#47
2-Chloronaphthalene
Concen: 53.145 ng
RT: 9.357 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

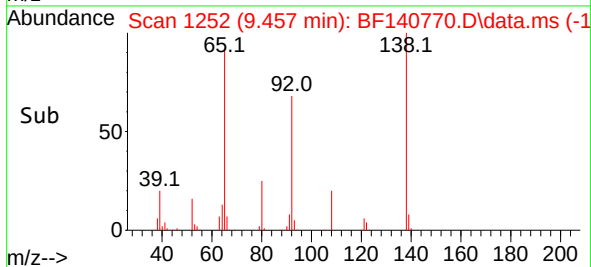
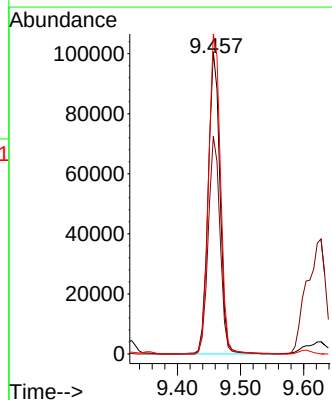
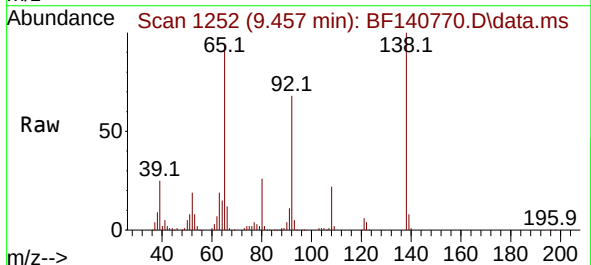
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

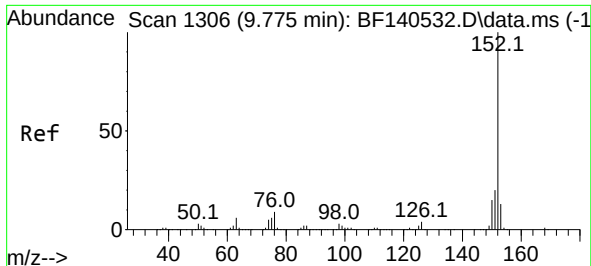
Tgt Ion:162 Resp: 438161
Ion Ratio Lower Upper
162 100
127 42.6 35.7 53.5
164 32.6 26.1 39.1



#48
2-Nitroaniline
Concen: 49.575 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion: 65 Resp: 131194
Ion Ratio Lower Upper
65 100
92 72.1 56.1 84.1
138 105.9 81.0 121.6





#49

Acenaphthylene

Concen: 57.576 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

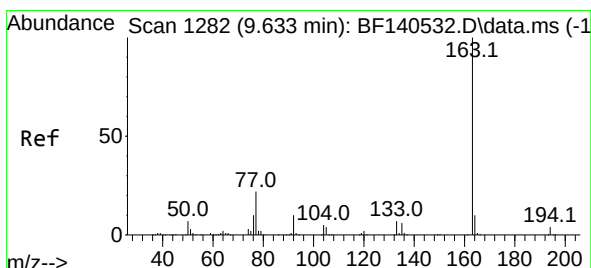
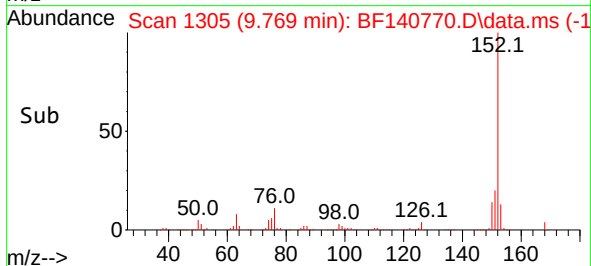
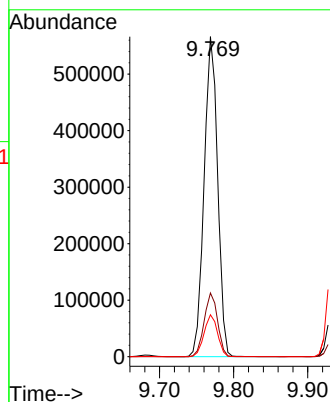
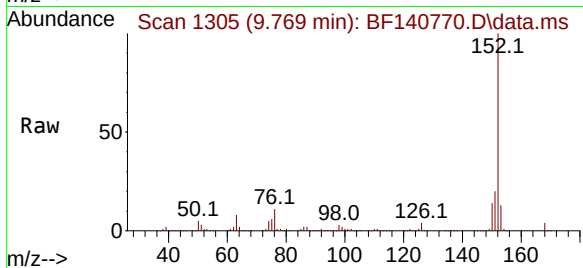
Tgt Ion:152 Resp: 717237

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 57.631 ng

RT: 9.627 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

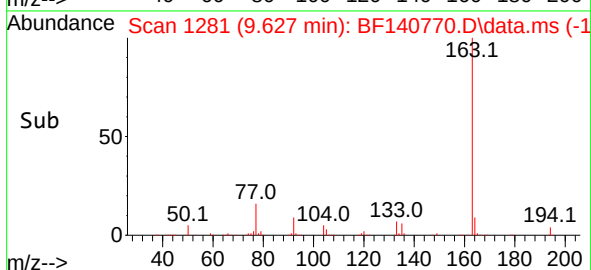
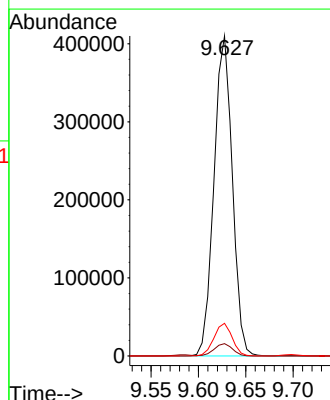
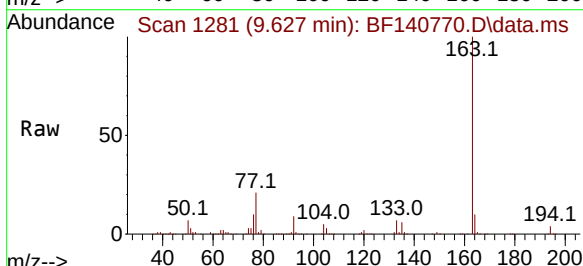
Tgt Ion:163 Resp: 553147

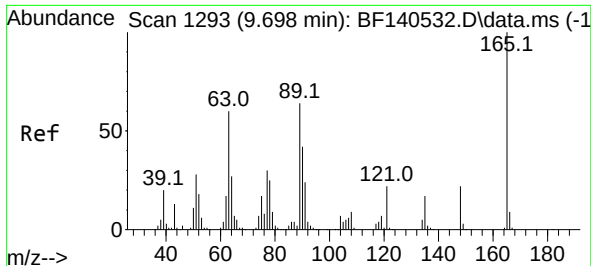
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

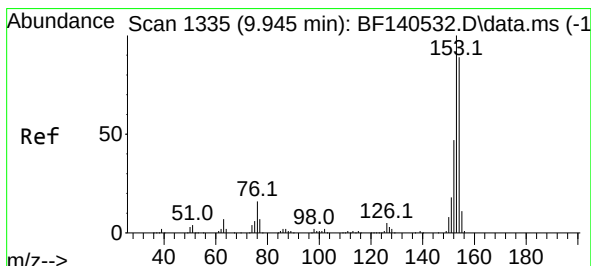
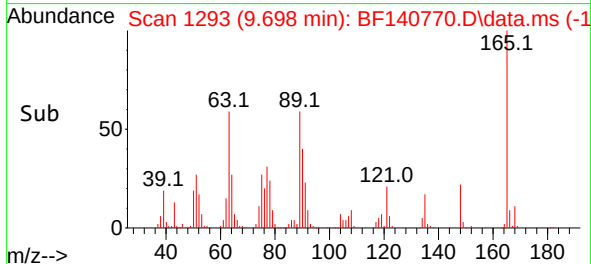
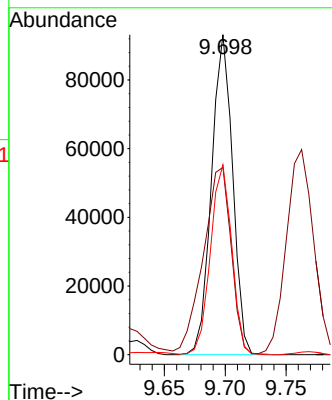
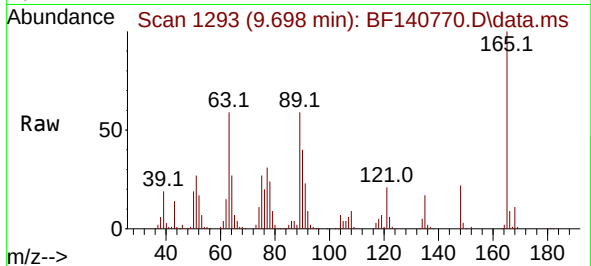




#51
2,6-Dinitrotoluene
Concen: 51.711 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

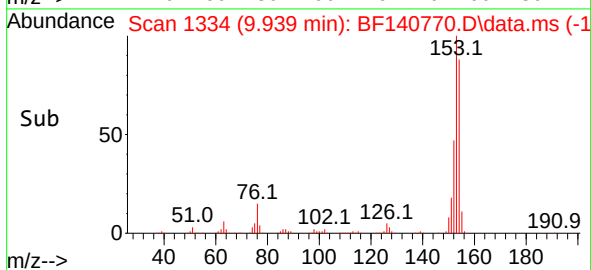
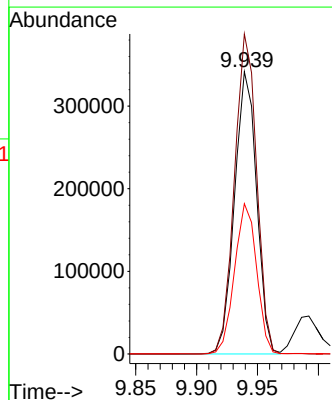
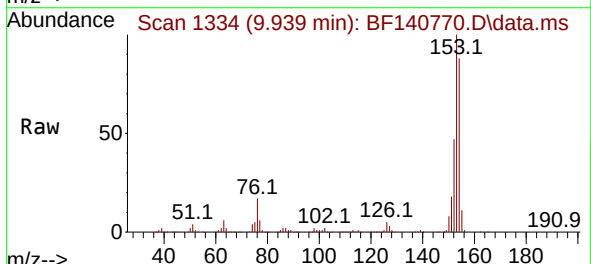
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

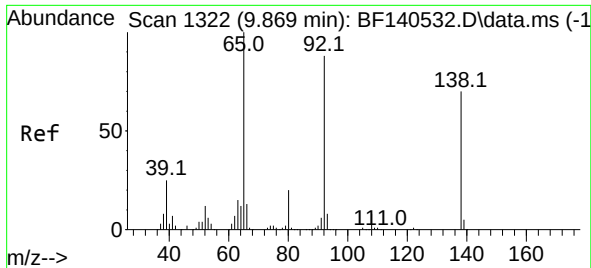
Tgt Ion:165 Resp: 112566
Ion Ratio Lower Upper
165 100
63 58.6 49.9 74.9
89 59.4 50.9 76.3



#52
Acenaphthene
Concen: 54.597 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:154 Resp: 432147
Ion Ratio Lower Upper
154 100
153 113.4 89.7 134.5
152 53.2 42.5 63.7

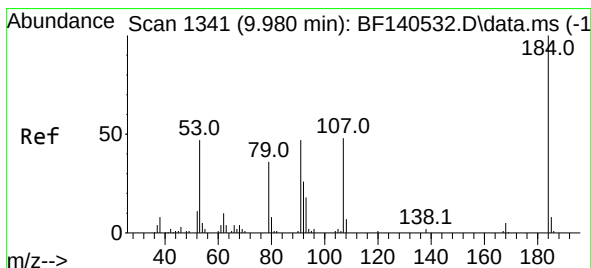
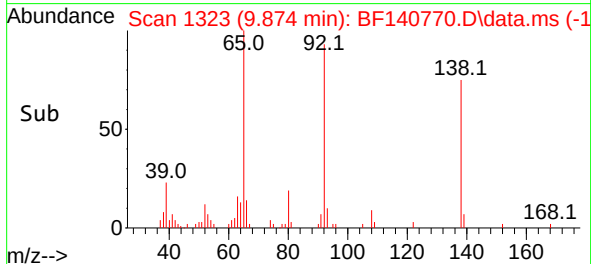
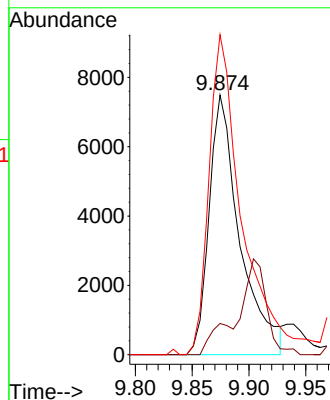
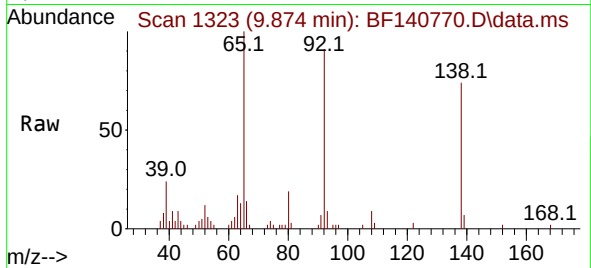




#53
3-Nitroaniline
Concen: 6.611 ng
RT: 9.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

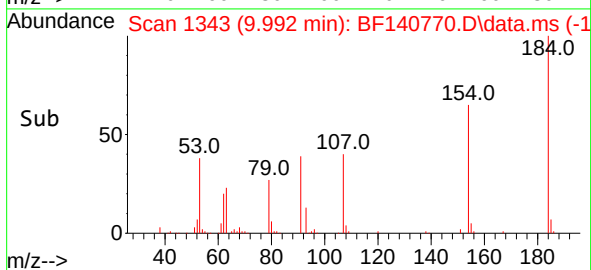
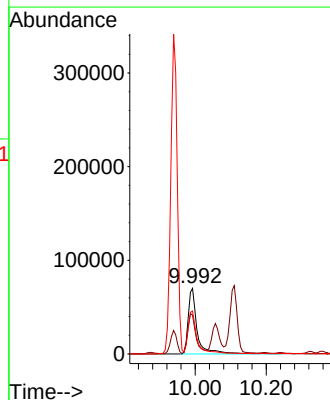
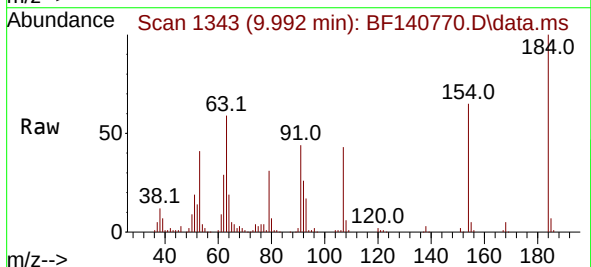
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

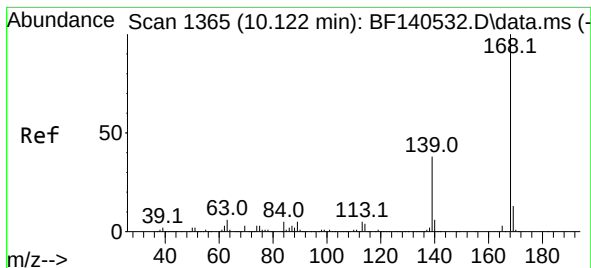
Tgt Ion:138 Resp: 14074
Ion Ratio Lower Upper
138 100
108 12.0 9.2 13.8
92 123.3 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 106.821 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:184 Resp: 123706
Ion Ratio Lower Upper
184 100
63 59.2 54.1 81.1
154 65.4 57.4 86.0





#55

Dibenzofuran

Concen: 53.551 ng

RT: 10.116 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

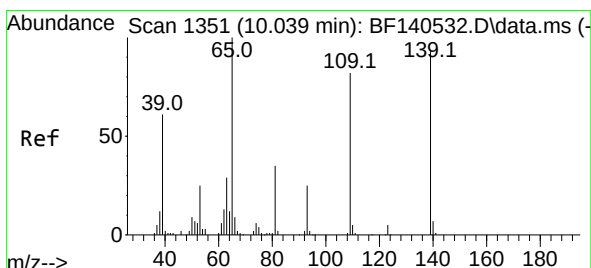
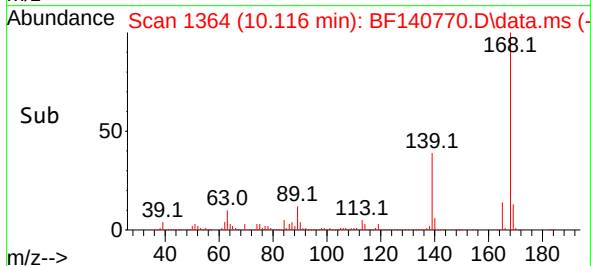
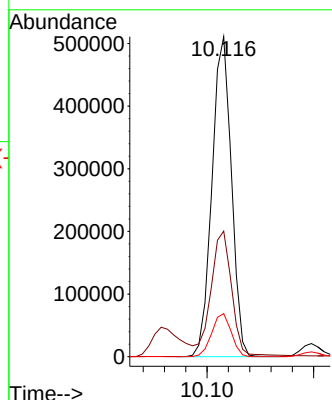
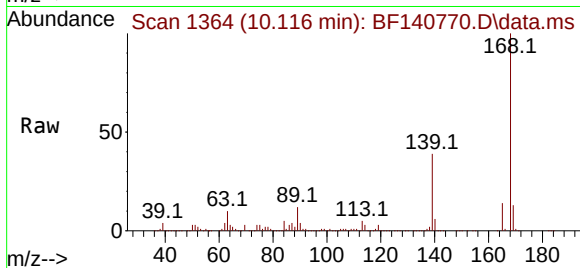
Tgt Ion:168 Resp: 646525

Ion Ratio Lower Upper

168 100

139 39.3 31.3 46.9

169 13.4 10.5 15.7



#56

4-Nitrophenol

Concen: 60.496 ng

RT: 10.057 min Scan# 1354

Delta R.T. 0.018 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

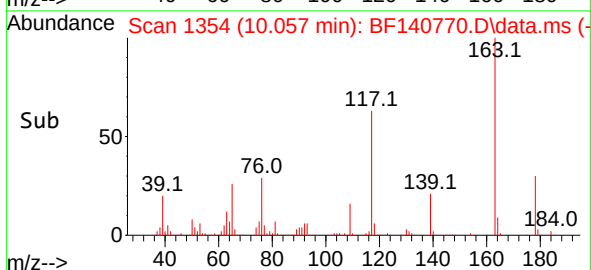
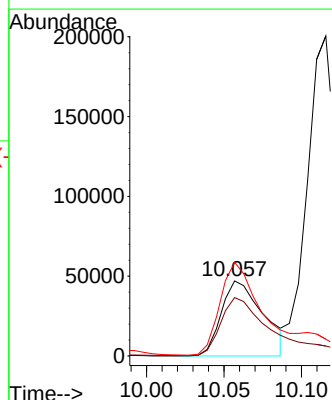
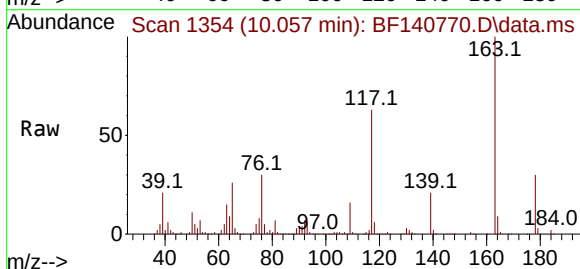
Tgt Ion:139 Resp: 87839

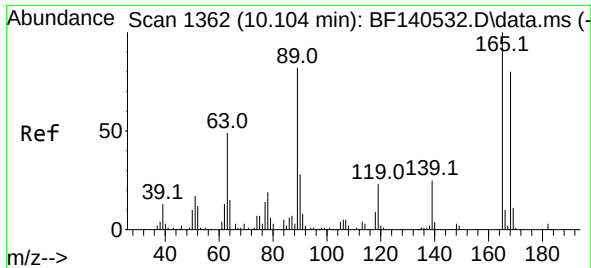
Ion Ratio Lower Upper

139 100

109 77.8 68.4 108.4

65 124.6 88.6 128.6

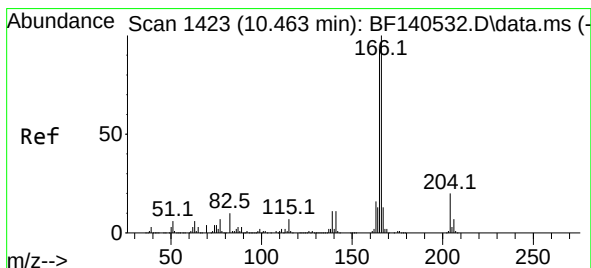
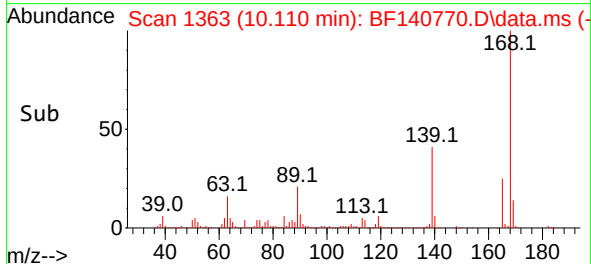
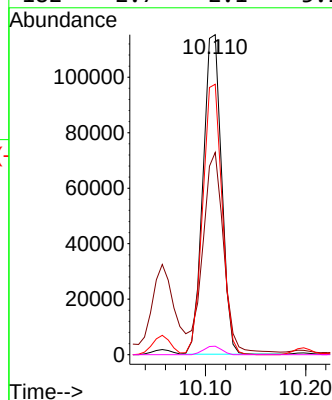
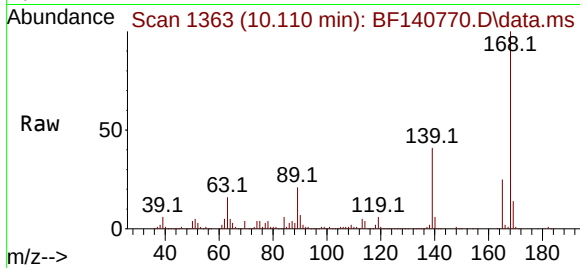




#57
2,4-Dinitrotoluene
Concen: 51.465 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

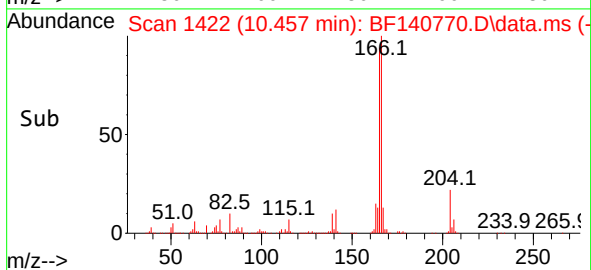
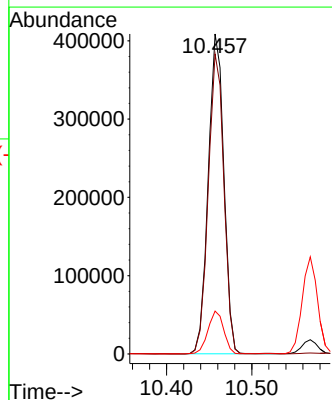
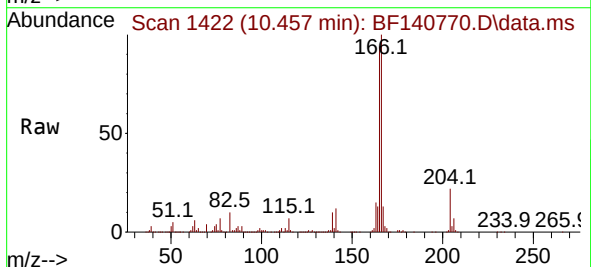
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

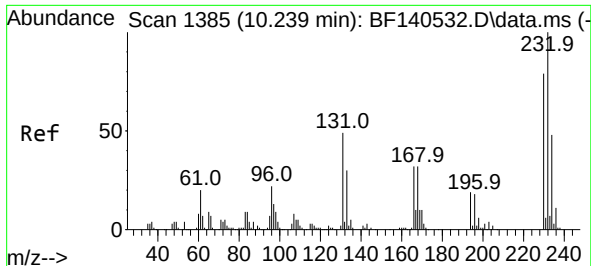
Tgt Ion:165 Resp: 148890
Ion Ratio Lower Upper
165 100
63 63.2 41.7 62.5#
89 84.5 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 53.686 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:166 Resp: 520262
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.4 10.6 16.0

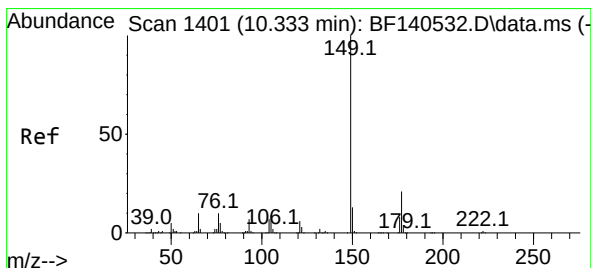
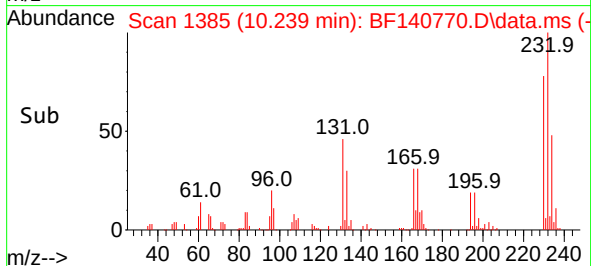
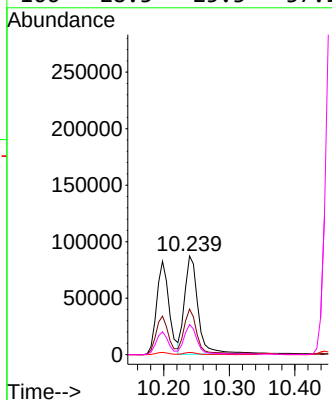
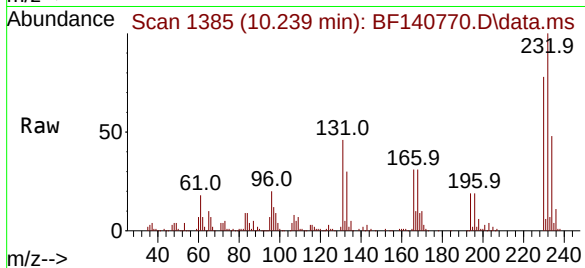




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.874 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

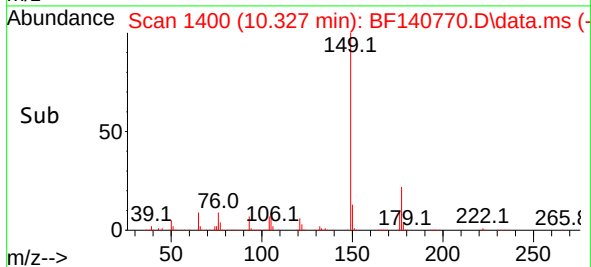
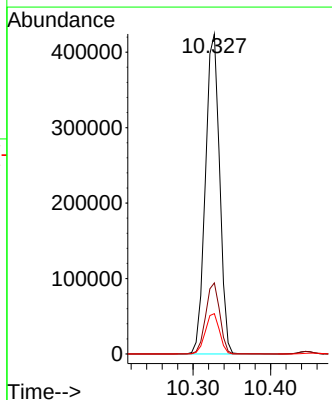
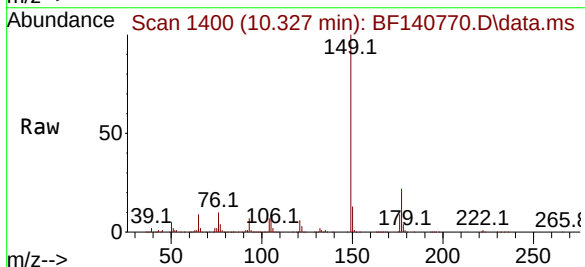
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

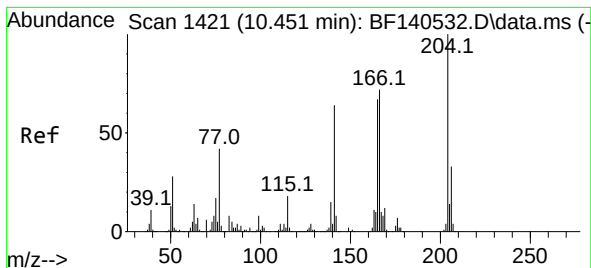
Tgt Ion:232 Resp: 124764
Ion Ratio Lower Upper
232 100
131 43.0 39.6 59.4
130 1.9 1.9 2.9#
166 28.3 25.3 37.9



#60
Diethylphthalate
Concen: 55.182 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:149 Resp: 538131
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 12.6 10.1 15.1

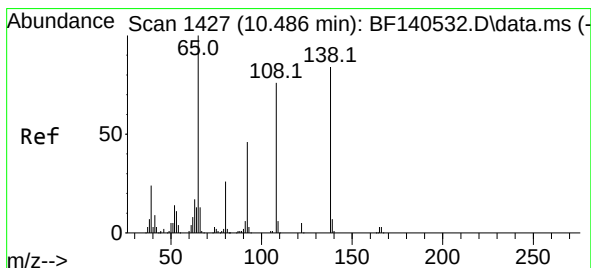
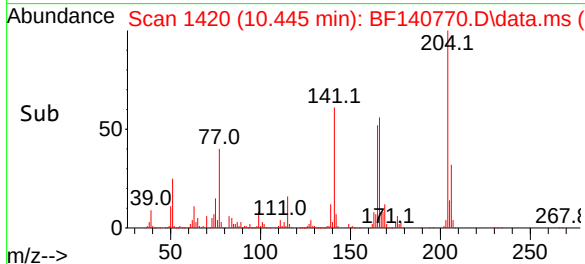
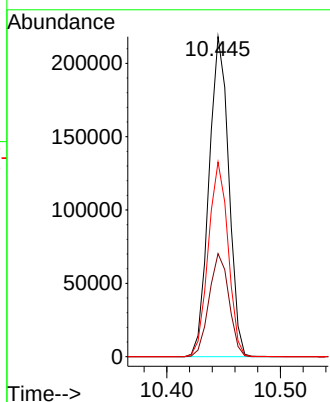
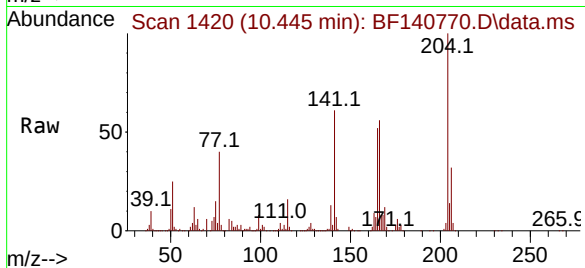




#61
4-Chlorophenyl-phenylether
Concen: 55.478 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

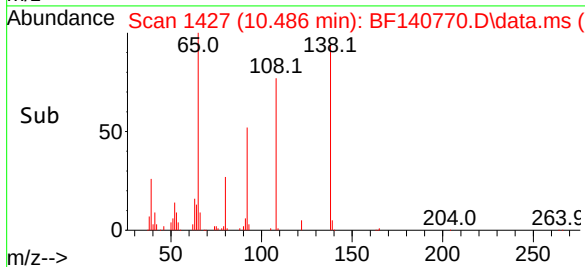
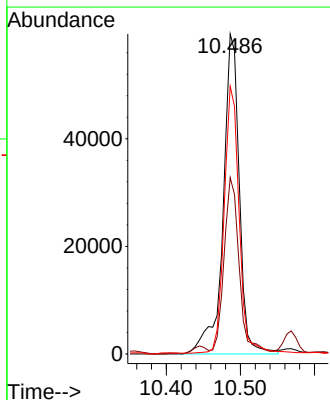
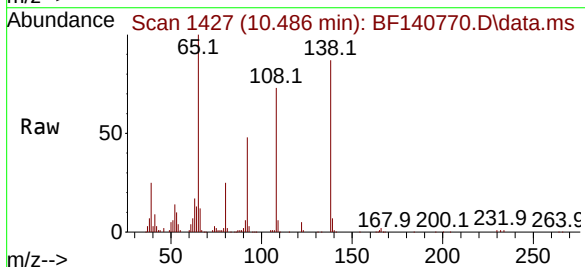
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

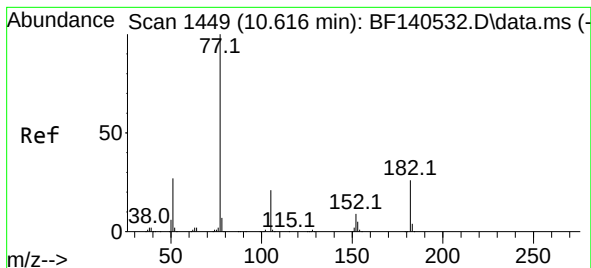
Tgt Ion:204 Resp: 263844
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 60.8 51.1 76.7



#62
4-Nitroaniline
Concen: 40.622 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:138 Resp: 90706
Ion Ratio Lower Upper
138 100
92 55.1 34.5 74.5
108 83.6 70.6 110.6





#63

Azobenzene

Concen: 54.033 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

Tgt Ion: 77 Resp: 498994

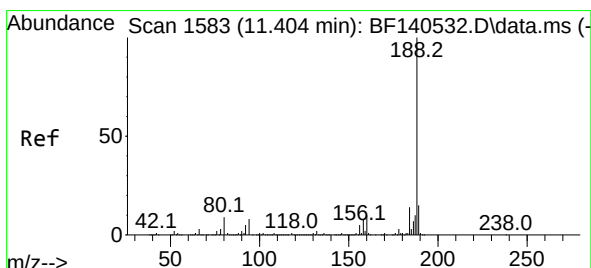
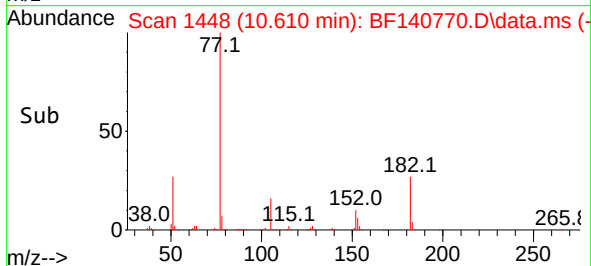
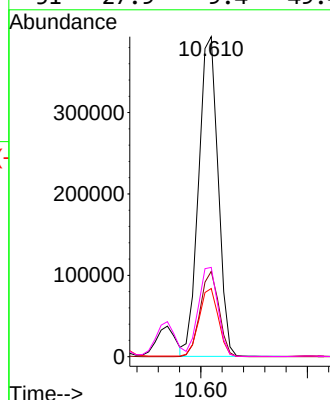
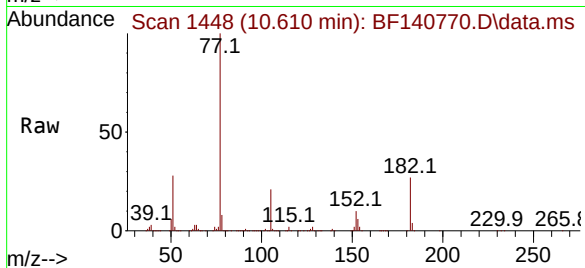
Ion Ratio Lower Upper

77 100

182 26.6 5.3 45.3

105 21.3 0.3 40.3

51 27.9 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: BF140770.D

Acq: 06 Dec 2024 16:50

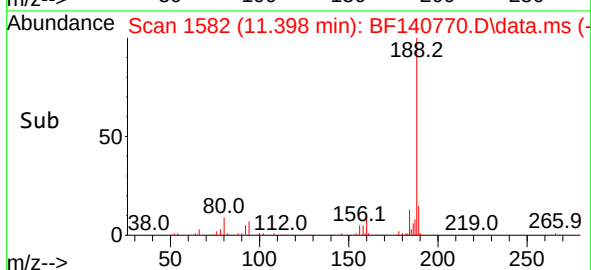
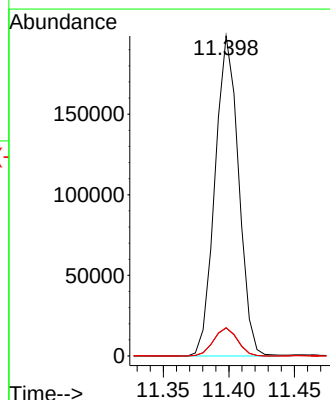
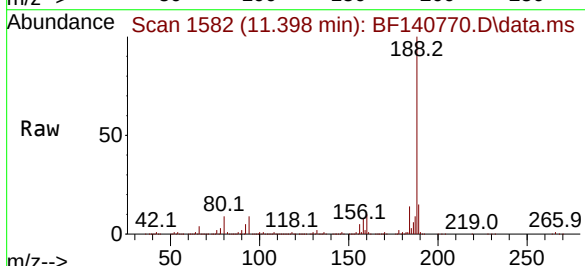
Tgt Ion:188 Resp: 248438

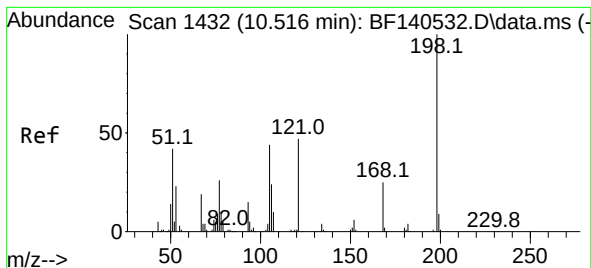
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 8.9 6.9 10.3

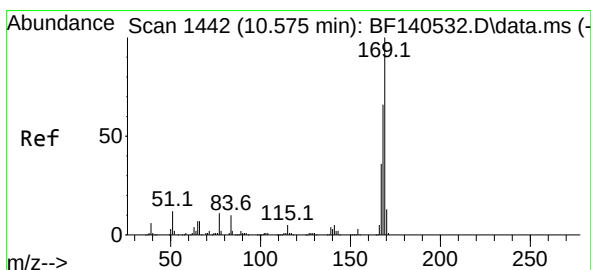
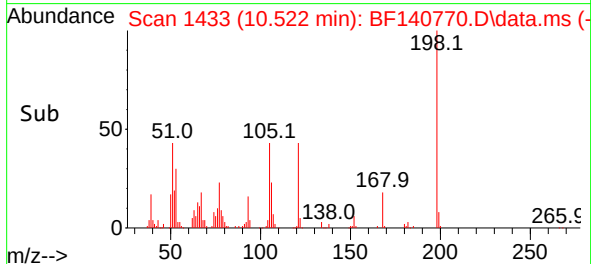
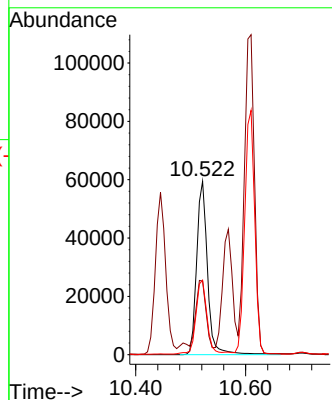
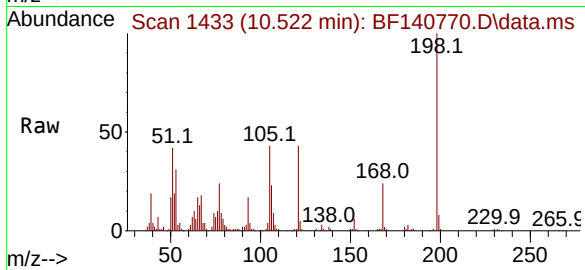




#65
4,6-Dinitro-2-methylphenol
Concen: 64.419 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.005 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

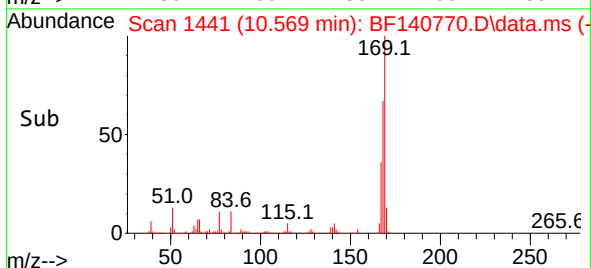
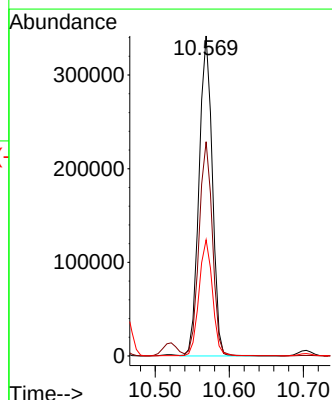
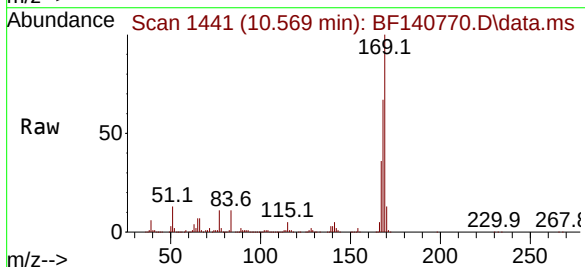
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

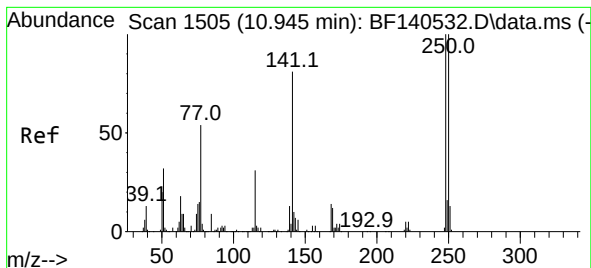
Tgt Ion:198 Resp: 81782
Ion Ratio Lower Upper
198 100
51 42.4 29.4 69.4
105 43.0 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 57.791 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:169 Resp: 424588
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 36.3 29.0 43.6

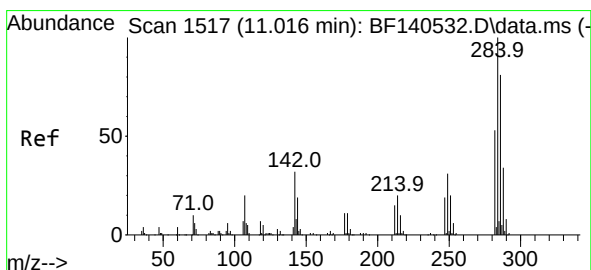
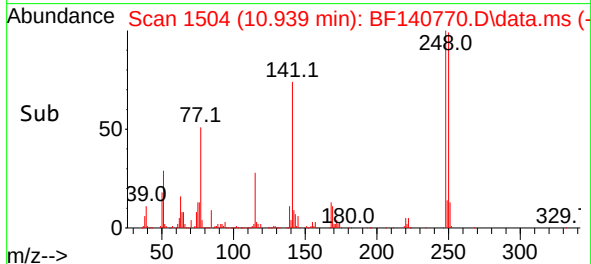
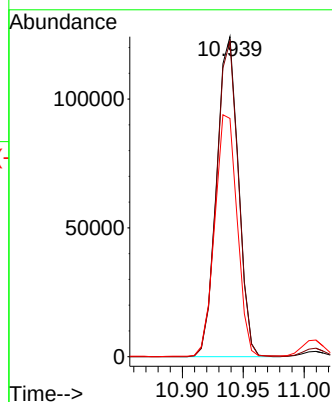
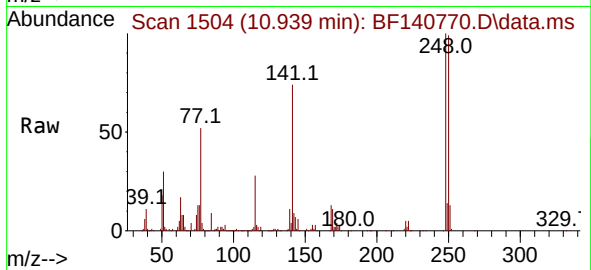




#67
4-Bromophenyl-phenylether
Concen: 60.604 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

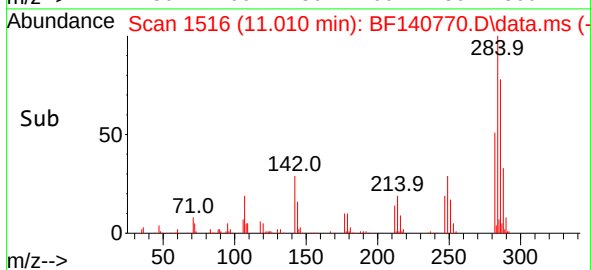
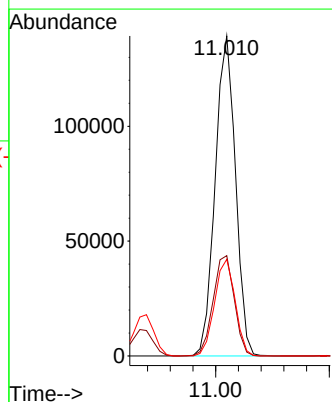
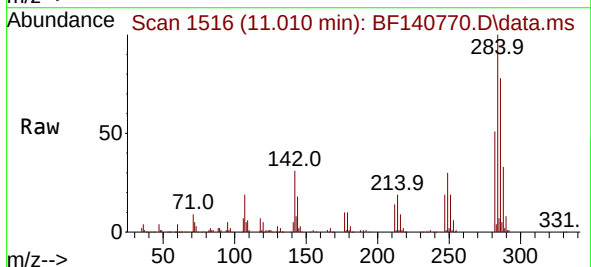
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

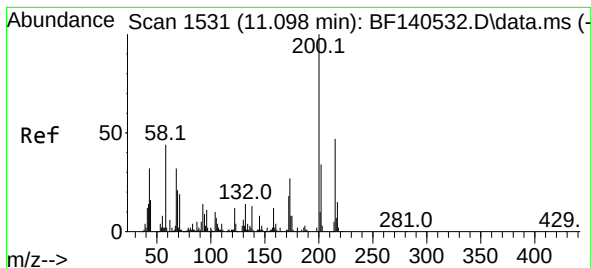
Tgt Ion:248 Resp: 155058
Ion Ratio Lower Upper
248 100
250 98.5 79.8 119.8
141 74.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 58.332 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:284 Resp: 172809
Ion Ratio Lower Upper
284 100
142 31.4 25.3 37.9
249 30.2 24.8 37.2





#69

Atrazine

Concen: 52.453 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

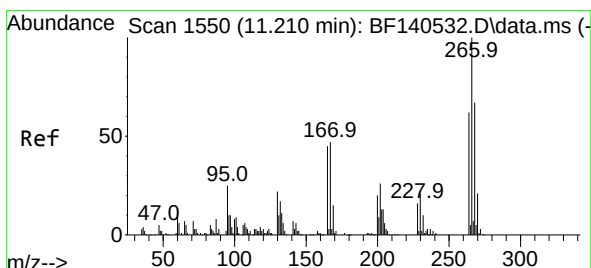
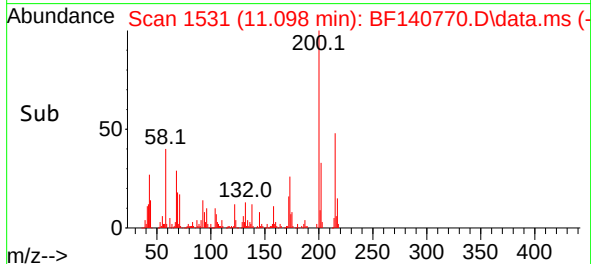
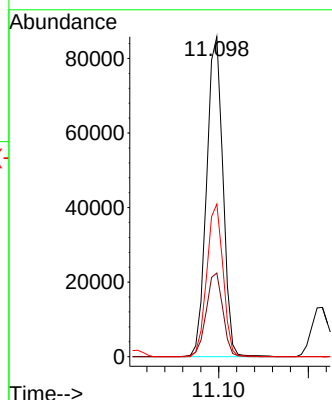
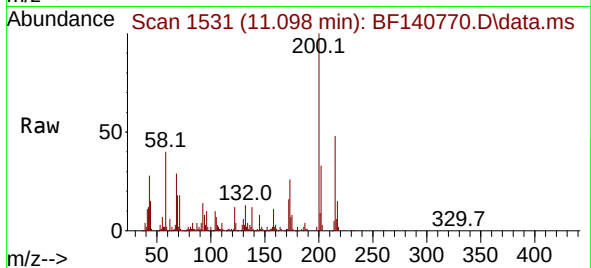
Tgt Ion:200 Resp: 108412

Ion Ratio Lower Upper

200 100

173 26.1 7.0 47.0

215 47.7 26.7 66.7



#70

Pentachlorophenol

Concen: 94.955 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

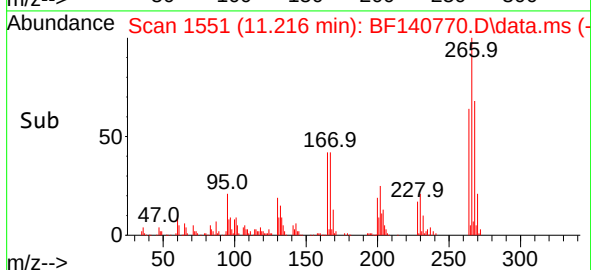
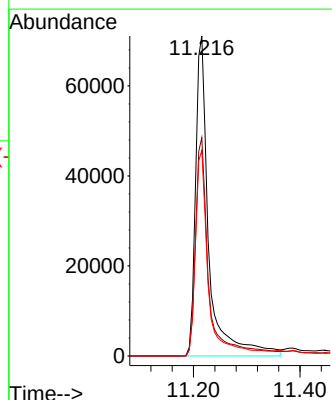
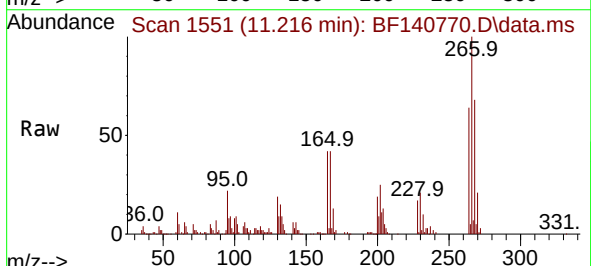
Tgt Ion:266 Resp: 123810

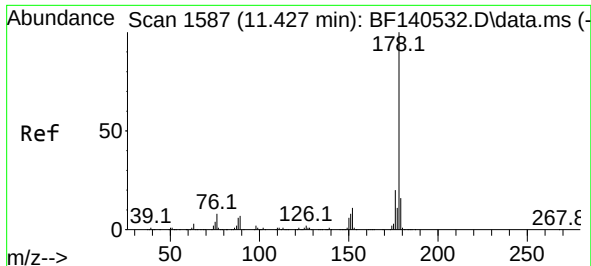
Ion Ratio Lower Upper

266 100

268 68.2 53.7 80.5

264 64.2 49.8 74.8

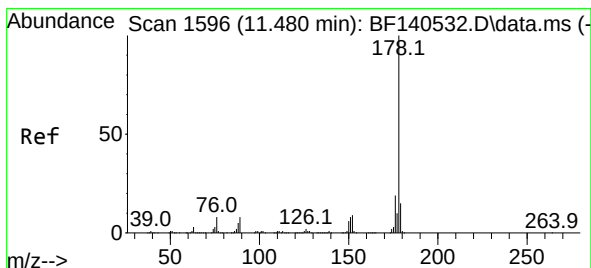
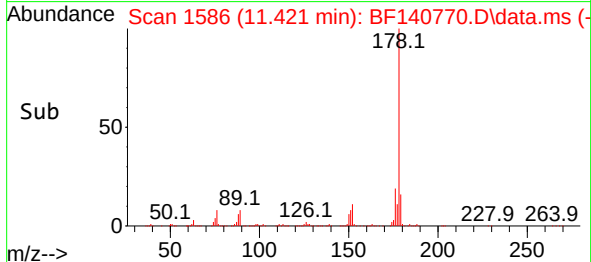
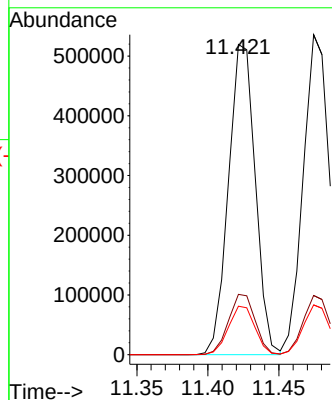
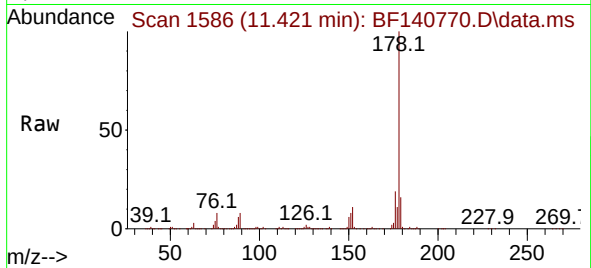




#71
Phenanthrene
Concen: 57.231 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

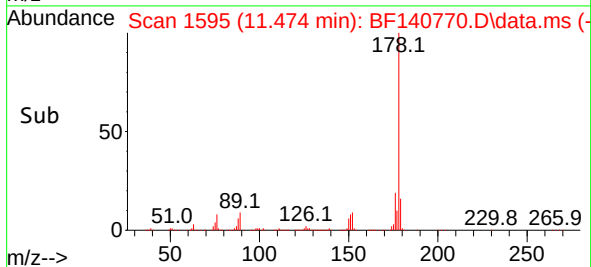
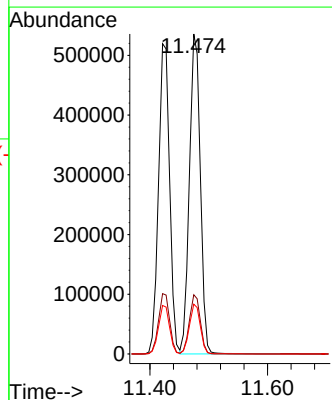
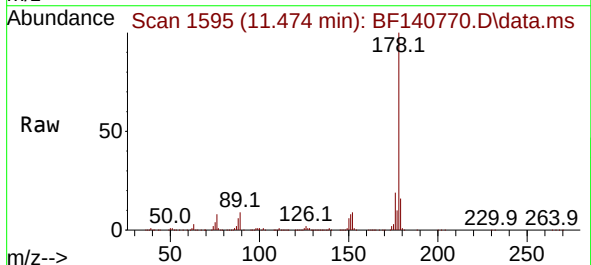
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

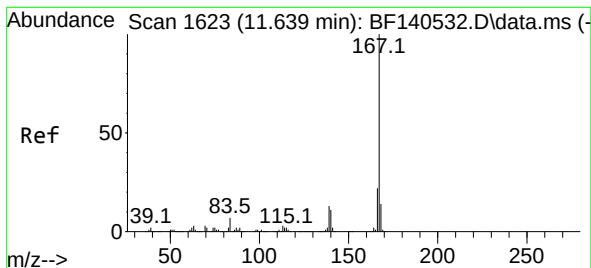
Tgt Ion:178 Resp: 683462
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.6 12.4 18.6



#72
Anthracene
Concen: 59.203 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:178 Resp: 691591
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 50.355 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

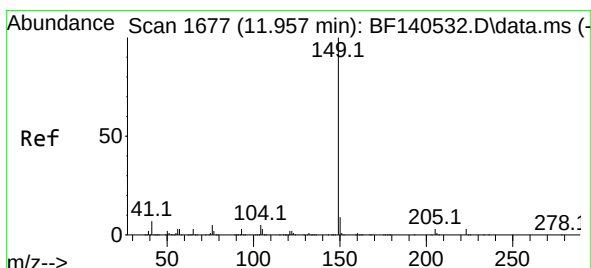
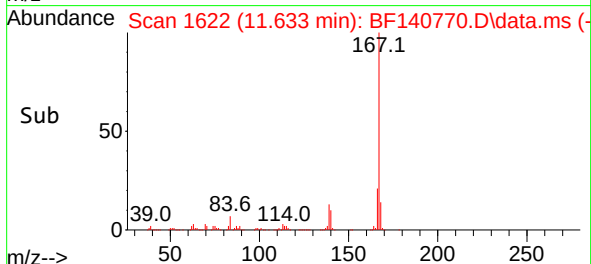
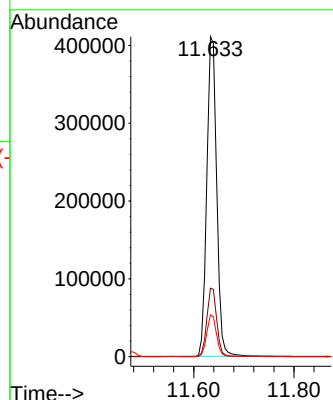
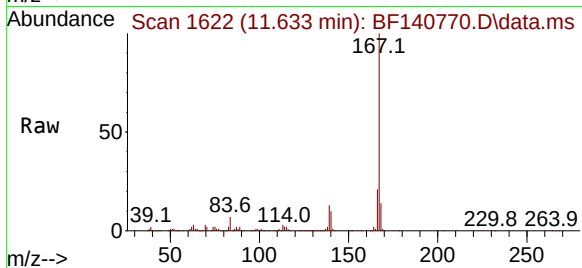
Tgt Ion:167 Resp: 565888

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 60.736 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

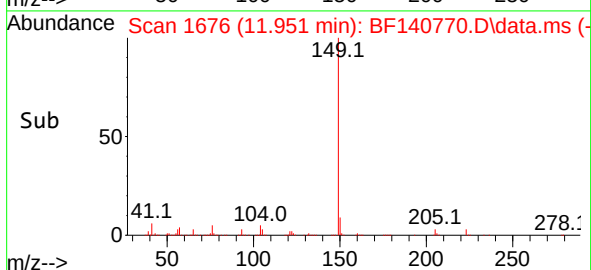
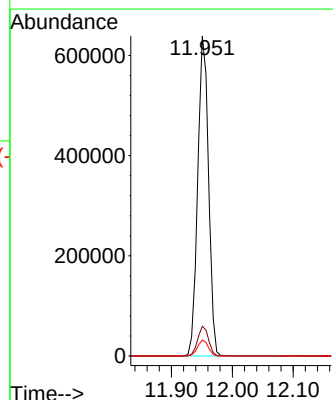
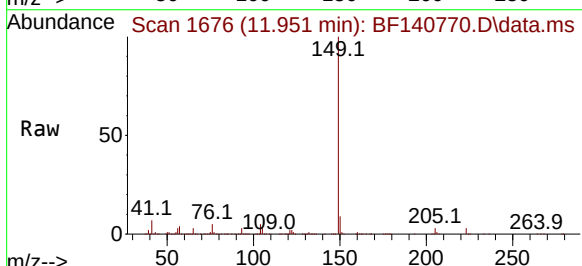
Tgt Ion:149 Resp: 787999

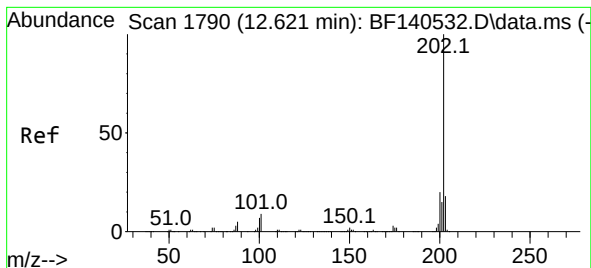
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1





#75

Fluoranthene

Concen: 49.869 ng

RT: 12.615 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

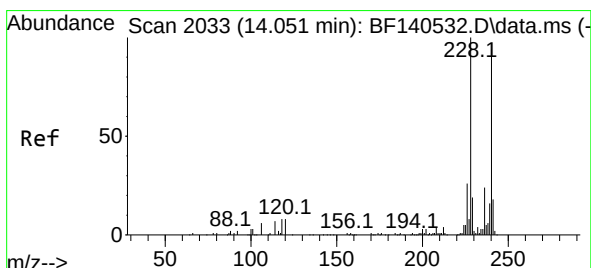
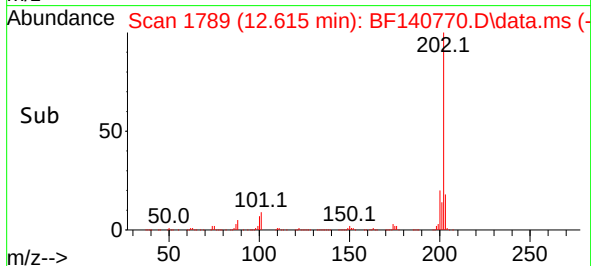
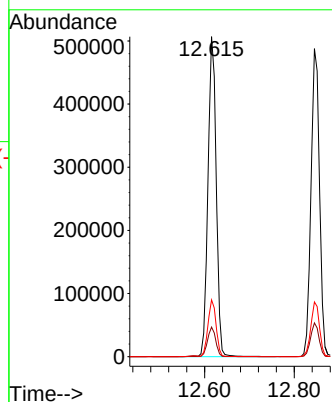
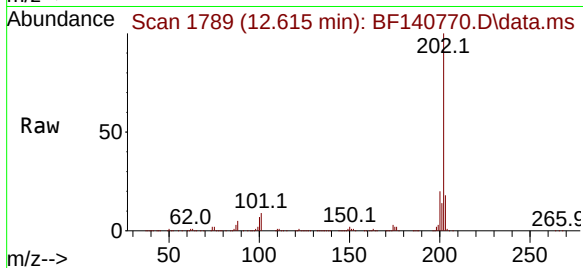
Tgt Ion:202 Resp: 646606

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.9

203 17.7 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

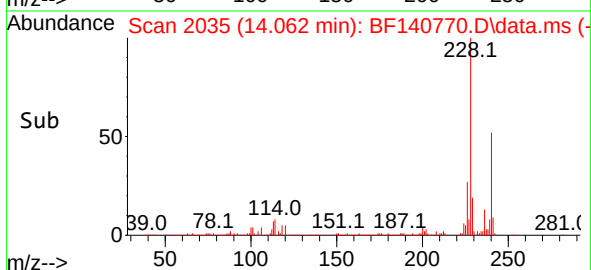
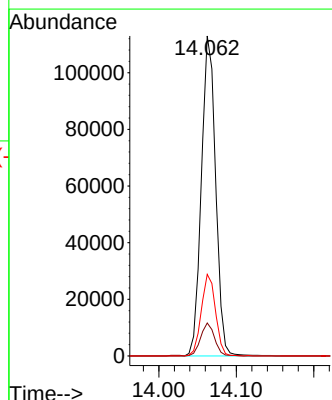
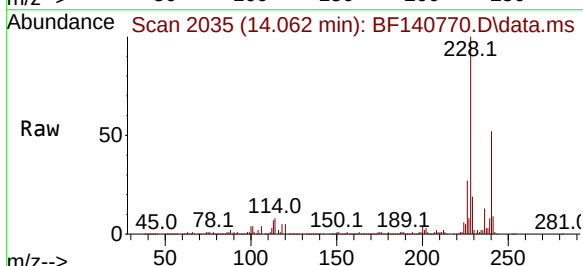
Tgt Ion:240 Resp: 144492

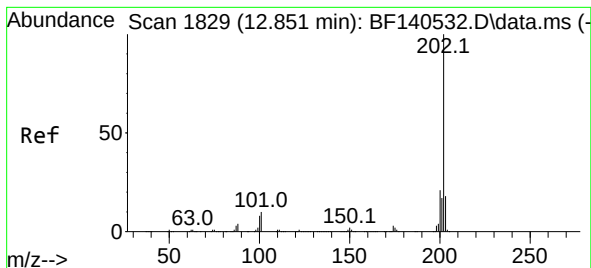
Ion Ratio Lower Upper

240 100

120 10.3 7.3 10.9

236 25.5 20.6 31.0





#78

Pyrene

Concen: 47.947 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

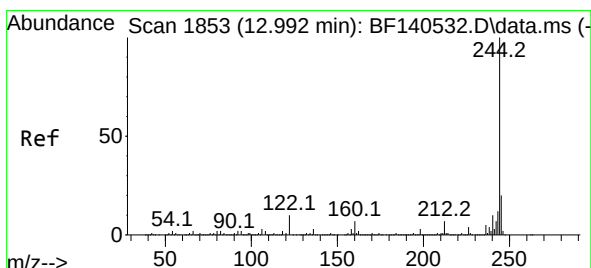
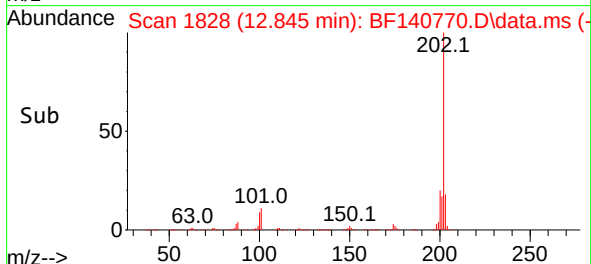
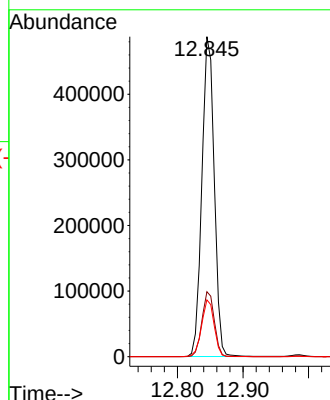
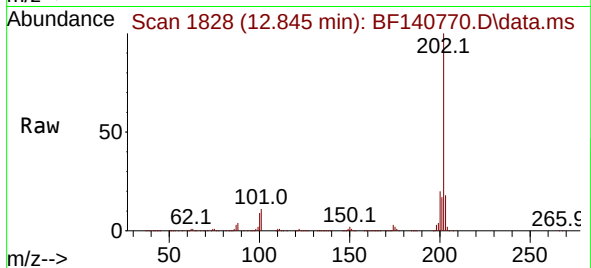
Tgt Ion:202 Resp: 640574

Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

203 17.8 14.2 21.4



#79

Terphenyl-d14

Concen: 104.038 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

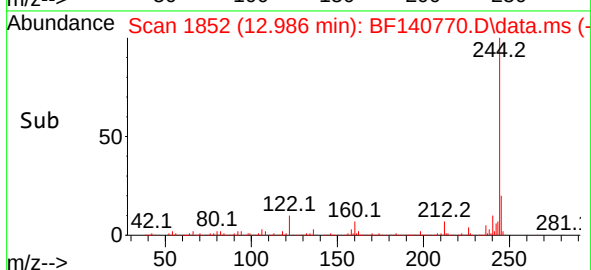
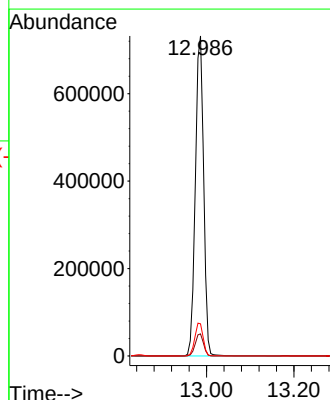
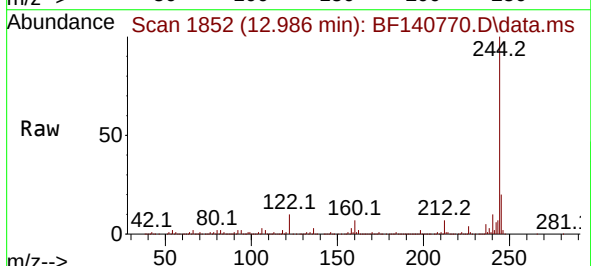
Tgt Ion:244 Resp: 965410

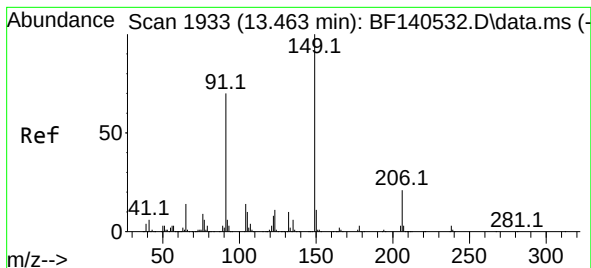
Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.0 8.0 12.0





#80

Butylbenzylphthalate

Concen: 54.608 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

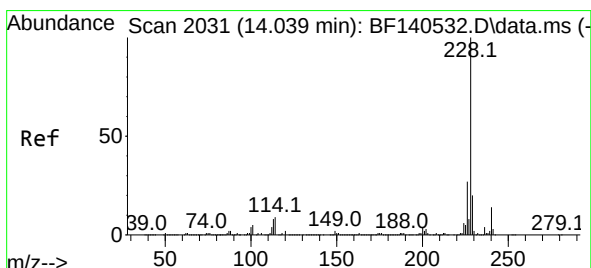
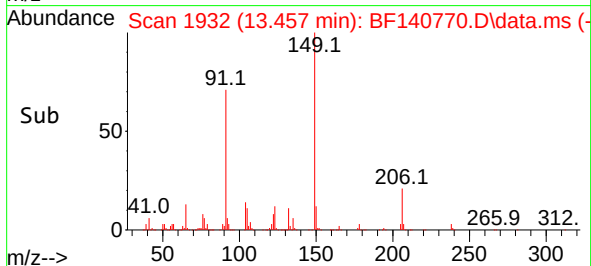
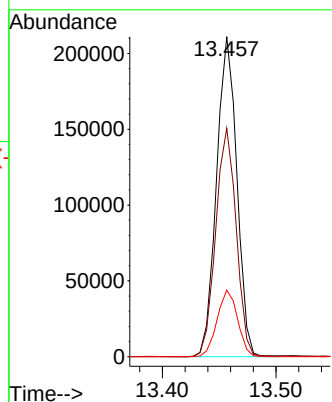
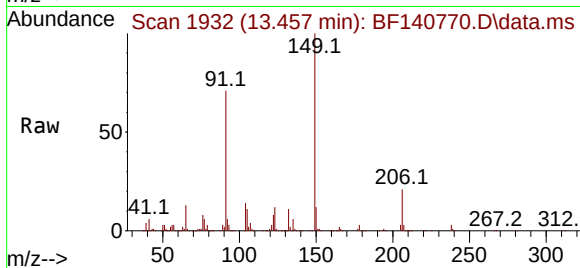
Tgt Ion:149 Resp: 262818

Ion Ratio Lower Upper

149 100

91 71.4 56.2 84.2

206 20.8 16.4 24.6



#81

Benzo(a)anthracene

Concen: 57.729 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.012 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

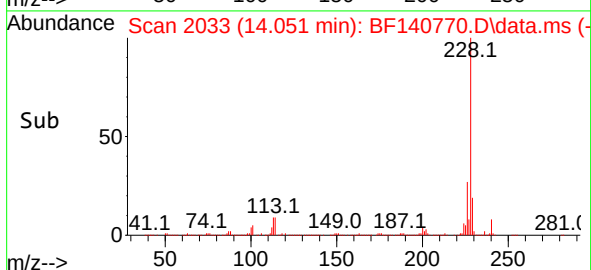
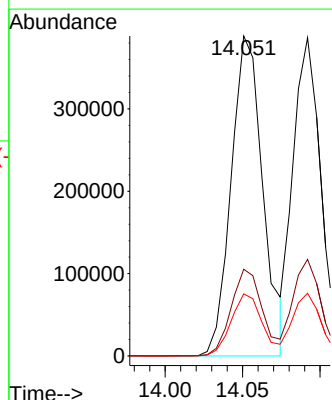
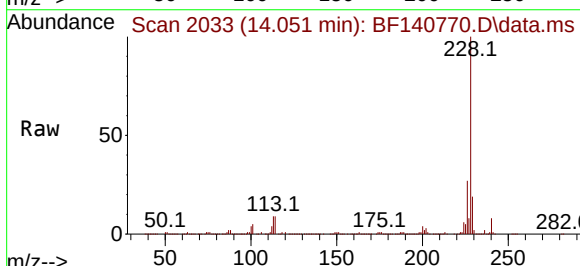
Tgt Ion:228 Resp: 552169

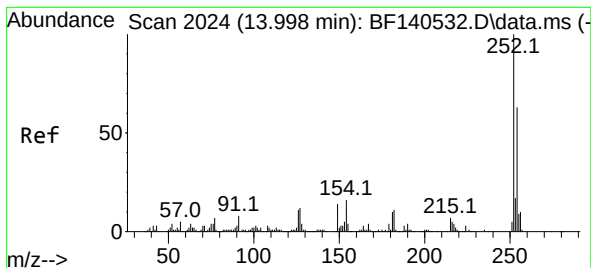
Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.4 15.8 23.6

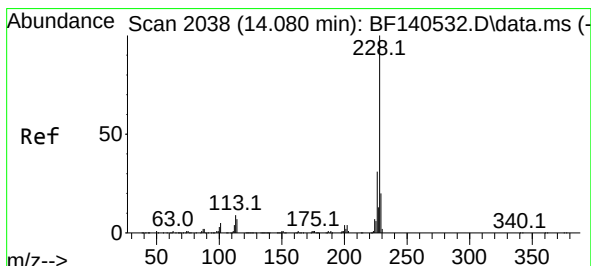
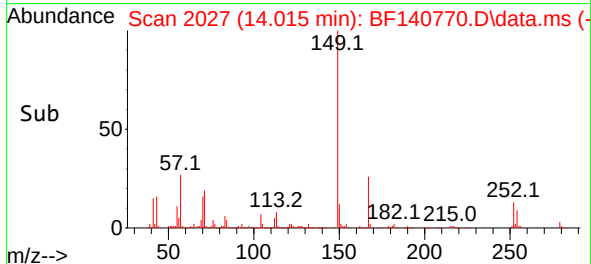
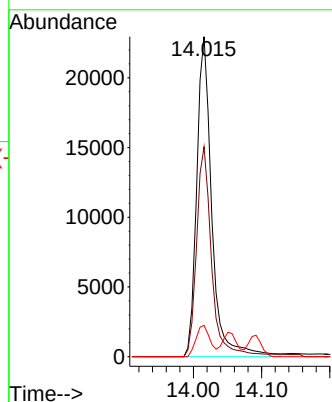
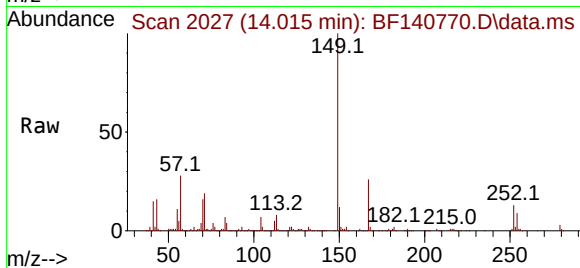




#82
3,3'-Dichlorobenzidine
Concen: 12.307 ng
RT: 14.015 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

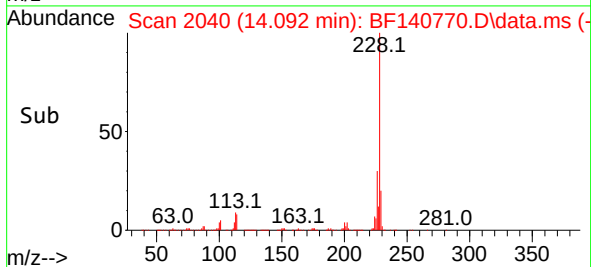
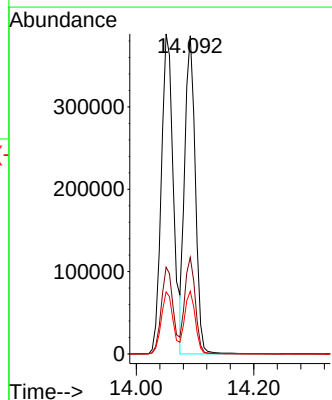
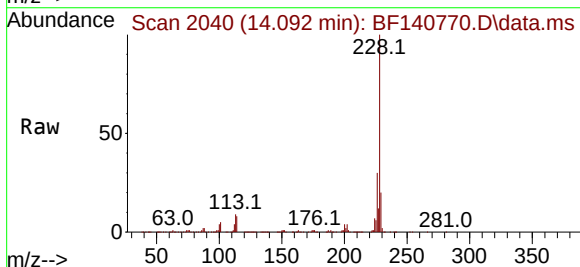
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

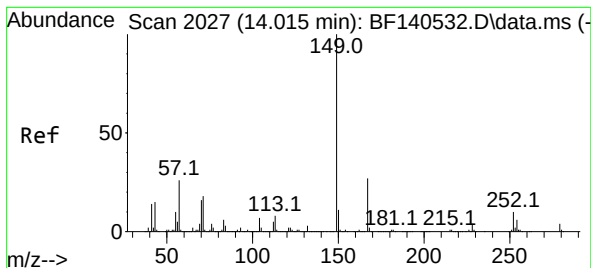
Tgt Ion:252 Resp: 35341
Ion Ratio Lower Upper
252 100
254 65.6 50.8 76.2
126 9.8 8.6 13.0



#83
Chrysene
Concen: 55.036 ng
RT: 14.092 min Scan# 2040
Delta R.T. 0.012 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:228 Resp: 481343
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.7 15.8 23.6

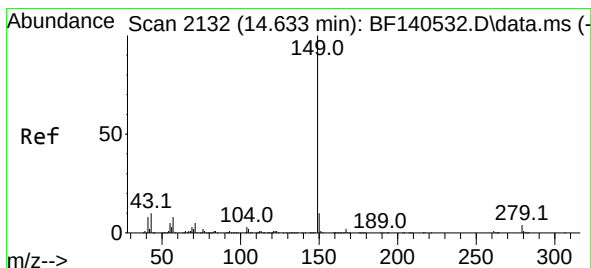
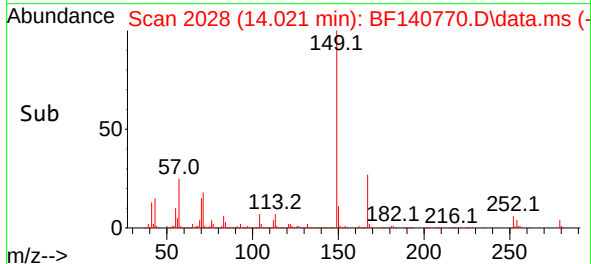
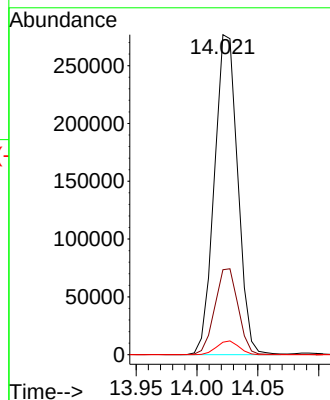
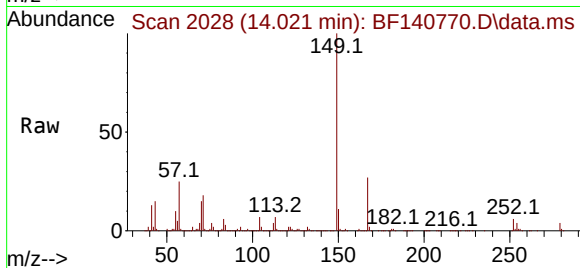




#84
Bis(2-ethylhexyl)phthalate
Concen: 60.849 ng
RT: 14.021 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

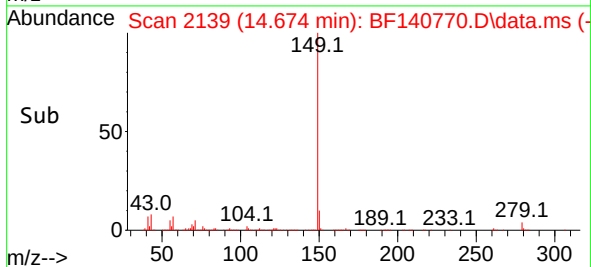
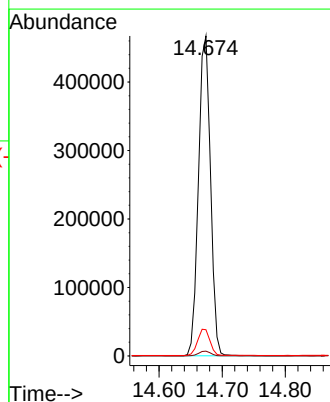
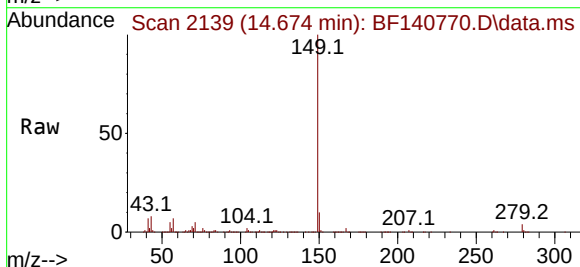
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

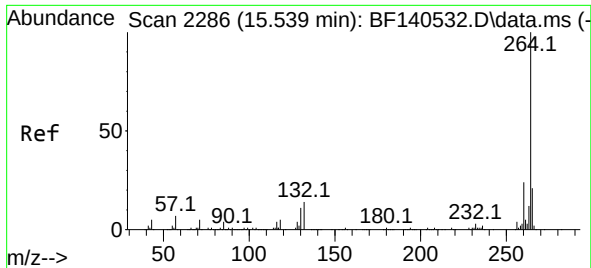
Tgt Ion:149 Resp: 369792
Ion Ratio Lower Upper
149 100
167 26.6 21.2 31.8
279 3.9 3.2 4.8



#85
Di-n-octyl phthalate
Concen: 74.275 ng
RT: 14.674 min Scan# 2139
Delta R.T. 0.041 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:149 Resp: 616875
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.7 11.5

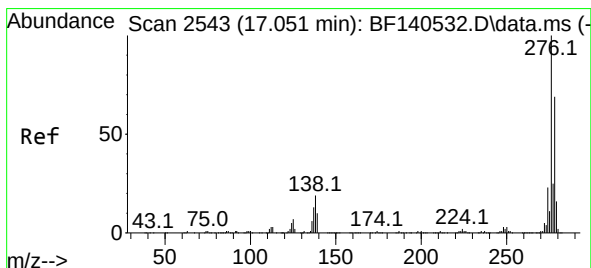
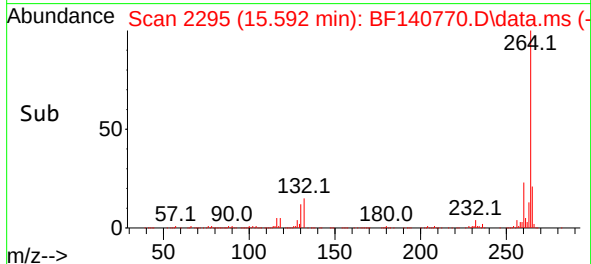
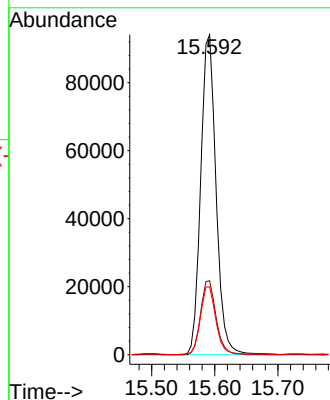
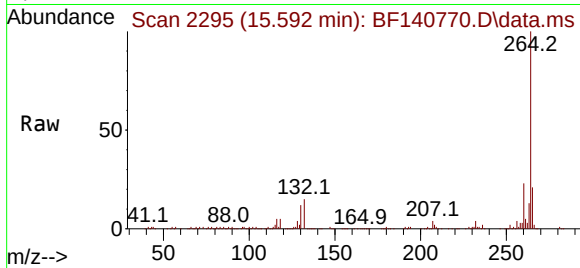




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

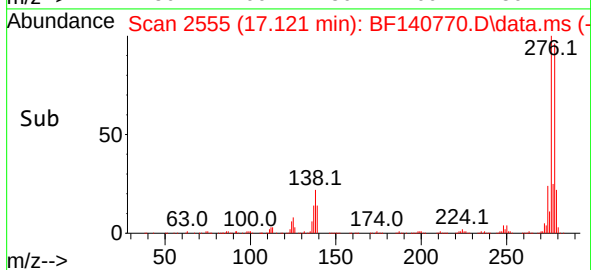
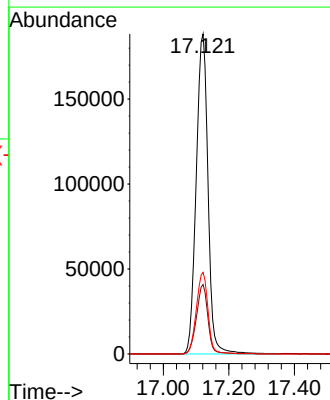
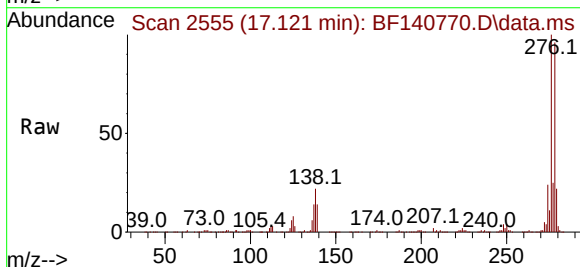
Instrument :
BNA_F
ClientSampleId :
MH-764MSD

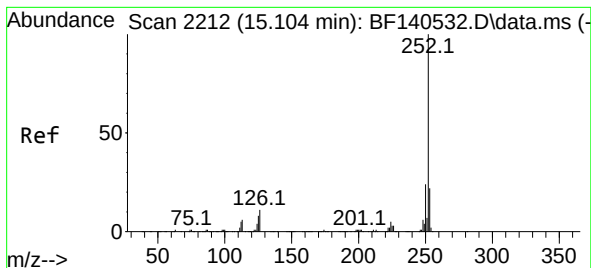
Tgt Ion:264 Resp: 158613
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 21.2 16.6 25.0



#87
Indeno(1,2,3-cd)pyrene
Concen: 45.719 ng
RT: 17.121 min Scan# 2555
Delta R.T. 0.070 min
Lab File: BF140770.D
Acq: 06 Dec 2024 16:50

Tgt Ion:276 Resp: 472580
Ion Ratio Lower Upper
276 100
138 21.0 15.5 23.3
277 25.2 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 53.341 ng

RT: 15.151 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

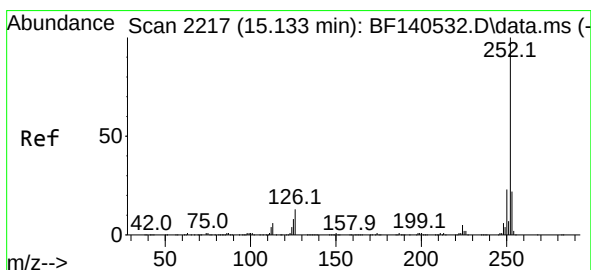
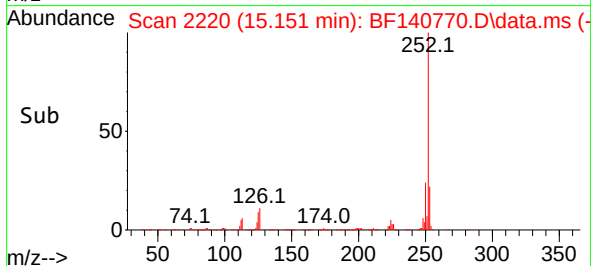
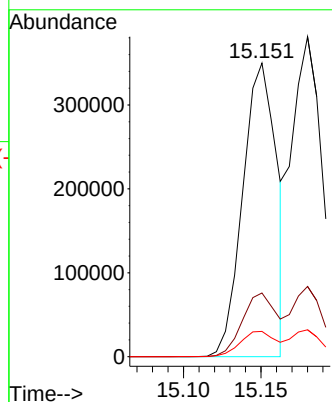
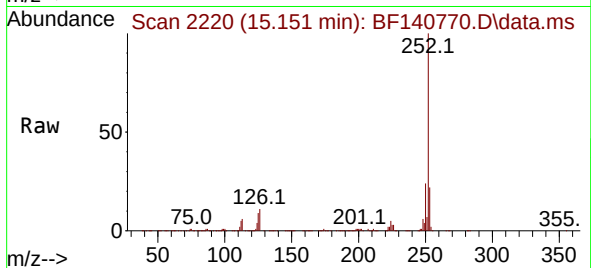
Tgt Ion:252 Resp: 531422

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 8.6 6.7 10.1



#89

Benzo(k)fluoranthene

Concen: 60.410 ng

RT: 15.180 min Scan# 2225

Delta R.T. 0.047 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

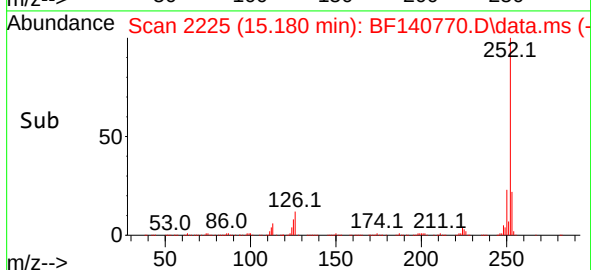
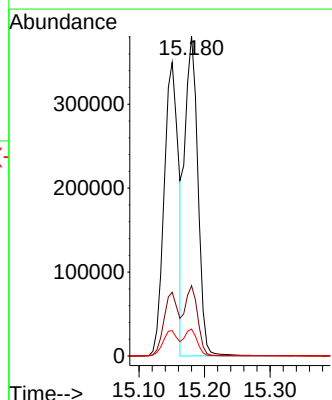
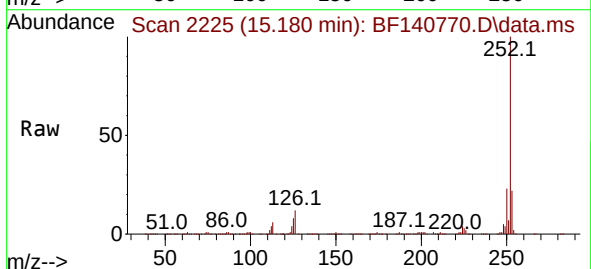
Tgt Ion:252 Resp: 526667

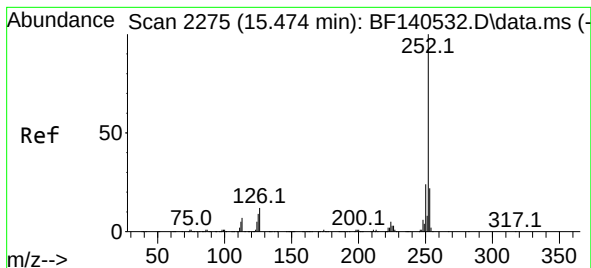
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 8.4 6.5 9.7





#90

Benzo(a)pyrene

Concen: 61.381 ng

RT: 15.527 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

Instrument :

BNA_F

ClientSampleId :

MH-764MSD

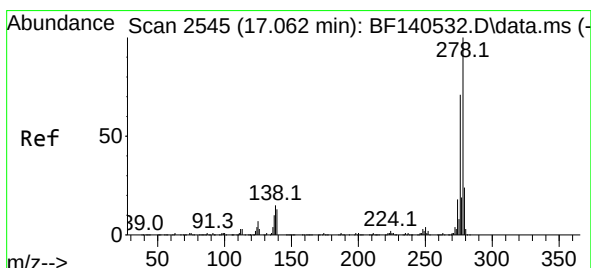
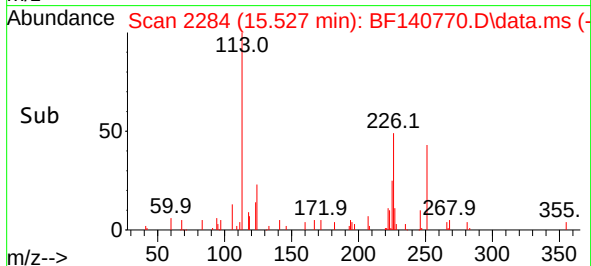
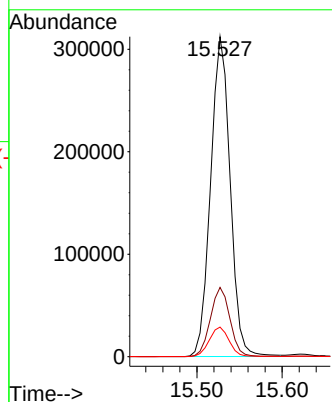
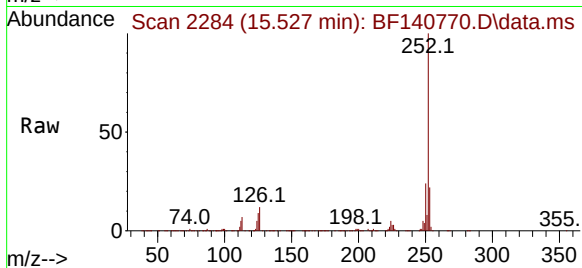
Tgt Ion:252 Resp: 497215

Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.2 7.0 10.6



#91

Dibenzo(a,h)anthracene

Concen: 47.482 ng

RT: 17.127 min Scan# 2556

Delta R.T. 0.065 min

Lab File: BF140770.D

Acq: 06 Dec 2024 16:50

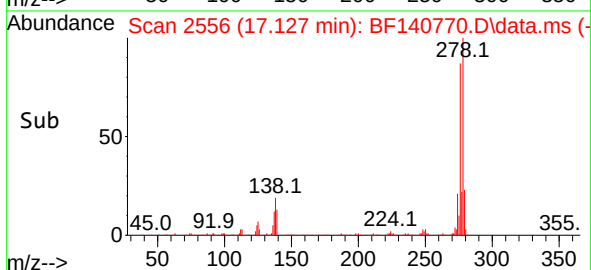
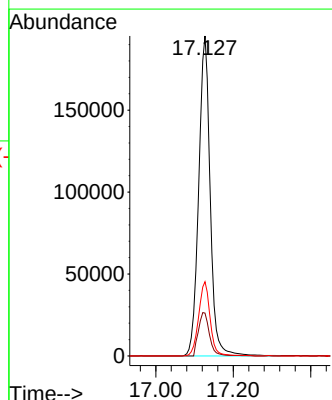
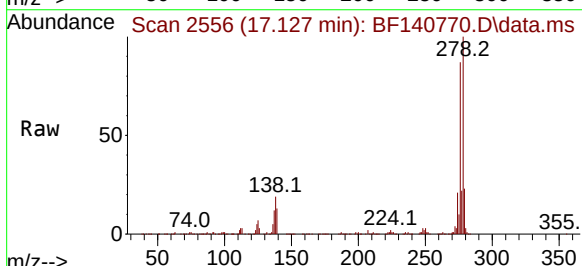
Tgt Ion:278 Resp: 401951

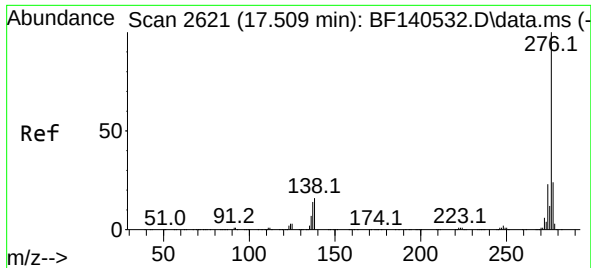
Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.4

279 23.2 18.9 28.3





#92
 Benzo(g,h,i)perylene
 Concen: 36.820 ng
 RT: 17.574 min Scan# 20
 Delta R.T. 0.065 min
 Lab File: BF140770.D
 Acq: 06 Dec 2024 16:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-764MSD

Tgt Ion:276 Resp: 318067
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.9 28.3
 138 17.9 13.2 19.8

