

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
 Data File : BF139693.D
 Acq On : 07 Oct 2024 18:28
 Operator : RC/JU
 Sample : P4290-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

Quant Time: Oct 08 01:12:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88689	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	336326	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	191822	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	372990	20.000	ng	0.00
76) Chrysene-d12	14.033	240	199606	20.000	ng	0.00
86) Perylene-d12	15.498	264	186804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	506681	99.020	ng	0.00
7) Phenol-d6	6.504	99	691937	100.555	ng	0.00
23) Nitrobenzene-d5	7.428	82	453058	68.203	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	191365	103.344	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	854527	68.389	ng	0.00
79) Terphenyl-d14	12.974	244	945104	77.691	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	105410	47.648	ng	98
3) Pyridine	3.463	79	261444	48.592	ng	97
4) n-Nitrosodimethylamine	3.422	42	174088	49.432	ng	95
6) Aniline	6.528	93	282570	46.276	ng	# 83
8) 2-Chlorophenol	6.651	128	275384	50.232	ng	99
9) Benzaldehyde	6.416	77	90421	24.806	ng	100
10) Phenol	6.516	94	368053	50.867	ng	96
11) bis(2-Chloroethyl)ether	6.604	93	272338	46.227	ng	99
12) 1,3-Dichlorobenzene	6.804	146	289914	47.009	ng	100
13) 1,4-Dichlorobenzene	6.881	146	296158	47.414	ng	99
14) 1,2-Dichlorobenzene	7.034	146	278433	47.562	ng	100
15) Benzyl Alcohol	7.010	79	262787	49.982	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	486146	47.667	ng	94
17) 2-Methylphenol	7.122	107	227331	49.671	ng	99
18) Hexachloroethane	7.375	117	109488	46.994	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	205808	46.521	ng	98
20) 3+4-Methylphenols	7.275	107	281659	48.997	ng	98
22) Acetophenone	7.275	105	377709	47.312	ng	98
24) Nitrobenzene	7.451	77	319963	46.516	ng	99
25) Isophorone	7.686	82	569628	48.280	ng	99
26) 2-Nitrophenol	7.763	139	152222	51.477	ng	99
27) 2,4-Dimethylphenol	7.804	122	227275	62.782	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	335167	47.573	ng	99
29) 2,4-Dichlorophenol	8.010	162	234894	49.746	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	243552	45.610	ng	100
31) Naphthalene	8.169	128	817568	47.544	ng	99
32) Benzoic acid	7.933	122	167169	46.441	ng	97
33) 4-Chloroaniline	8.222	127	82040	14.095	ng	99
34) Hexachlorobutadiene	8.280	225	153552	44.435	ng	99
35) Caprolactam	8.592	113	52606	33.968	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	264467	49.478	ng	99
37) 2-Methylnaphthalene	8.863	142	537913	48.030	ng	100
38) 1-Methylnaphthalene	8.963	142	502561	45.907	ng	99
40) 1,2,4,5-Tetrachloroben...	9.027	216	250515	47.031	ng	99
41) Hexachlorocyclopentadiene	9.010	237	267284	163.648	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	176957	49.280	ng	99

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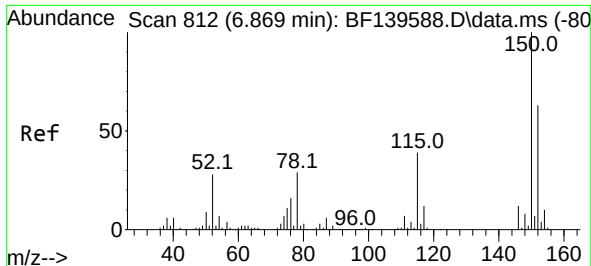
Quant Time: Oct 08 01:12:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	187255	48.356	ng	98
46) 1,1'-Biphenyl	9.327	154	667055	46.755	ng	100
47) 2-Chloronaphthalene	9.351	162	503080	47.036	ng	99
48) 2-Nitroaniline	9.451	65	195922	51.029	ng	99
49) Acenaphthylene	9.769	152	840132	51.651	ng	100
50) Dimethylphthalate	9.627	163	620042	49.379	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136116	47.987	ng	94
52) Acenaphthene	9.939	154	522875	46.826	ng	99
53) 3-Nitroaniline	9.863	138	90658	31.275	ng	95
54) 2,4-Dinitrophenol	9.975	184	164155	107.595	ng	97
55) Dibenzofuran	10.110	168	770885	49.307	ng	100
56) 4-Nitrophenol	10.033	139	218922	99.037	ng	94
57) 2,4-Dinitrotoluene	10.098	165	186724	50.361	ng	98
58) Fluorene	10.451	166	603541	48.467	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	161422	51.611	ng	96
60) Diethylphthalate	10.327	149	627365	48.371	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	287898	46.212	ng	97
62) 4-Nitroaniline	10.480	138	145352	49.022	ng	99
63) Azobenzene	10.604	77	743341	56.991	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	109609	52.032	ng	99
66) n-Nitrosodiphenylamine	10.563	169	534376	48.604	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	176624	46.185	ng	97
68) Hexachlorobenzene	10.998	284	198868	46.863	ng	98
69) Atrazine	11.092	200	174971	59.316	ng	100
70) Pentachlorophenol	11.198	266	226845	89.774	ng	98
71) Phenanthrene	11.416	178	878580	49.957	ng	100
72) Anthracene	11.469	178	902778	51.888	ng	100
73) Carbazole	11.627	167	815557	48.805	ng	99
74) Di-n-butylphthalate	11.951	149	976714	48.065	ng	99
75) Fluoranthene	12.604	202	935405	48.656	ng	99
77) Benzidine	12.727	184	128947	36.624	ng	99
78) Pyrene	12.833	202	933098	52.267	ng	99
80) Butylbenzylphthalate	13.451	149	348360	54.553	ng	97
81) Benzo(a)anthracene	14.021	228	651594	49.652	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	139395	34.707	ng	98
83) Chrysene	14.057	228	600279	50.031	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	429997	53.926	ng	99
85) Di-n-octyl phthalate	14.615	149	613617	52.381	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	614462	55.886	ng	99
88) Benzo(b)fluoranthene	15.068	252	554425	45.902	ng	99
89) Benzo(k)fluoranthene	15.104	252	488919	47.719	ng	99
90) Benzo(a)pyrene	15.439	252	500149	52.516	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	499603	54.785	ng	99
92) Benzo(g,h,i)perylene	17.427	276	478770	52.349	ng	99

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

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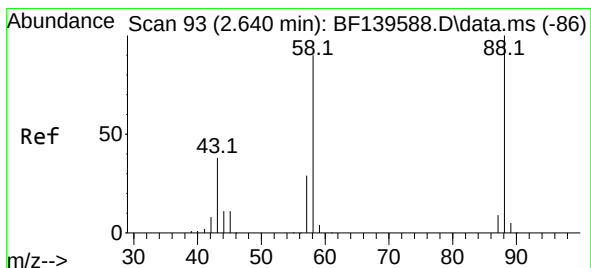
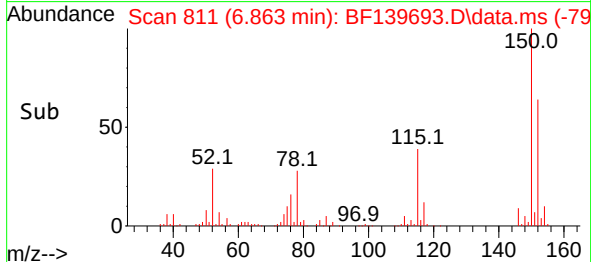
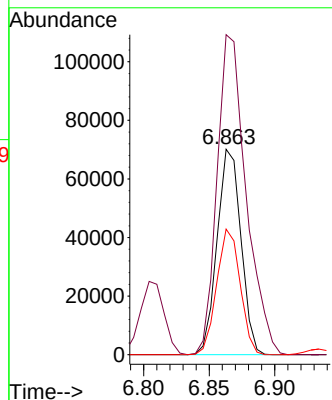
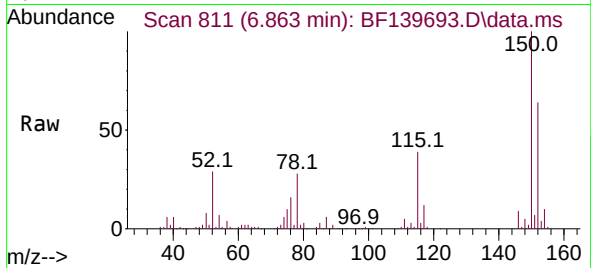




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

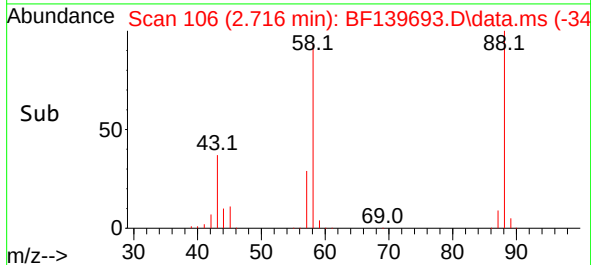
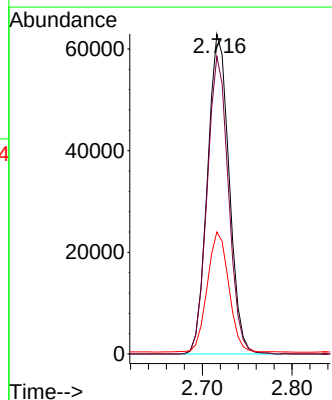
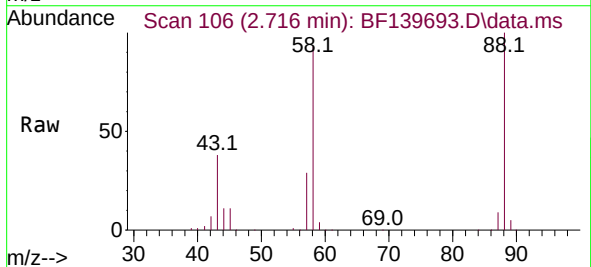
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

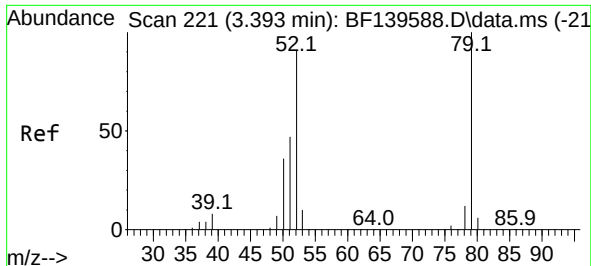
Tgt Ion:152 Resp: 88689
Ion Ratio Lower Upper
152 100
150 155.7 127.2 190.8
115 61.1 49.0 73.4



#2
1,4-Dioxane
Concen: 47.648 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.076 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 88 Resp: 105410
Ion Ratio Lower Upper
88 100
58 91.6 72.0 108.0
43 37.6 30.8 46.2





#3

Pyridine

Concen: 48.592 ng

RT: 3.463 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

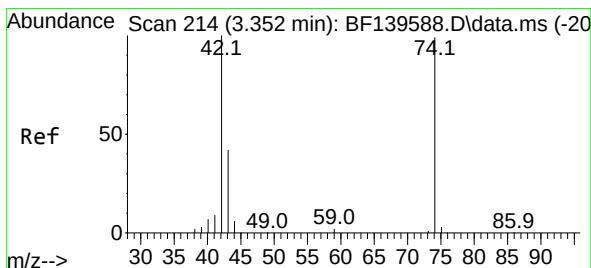
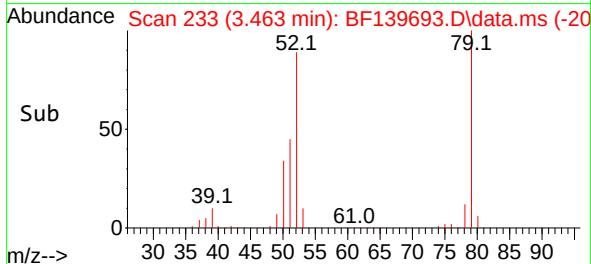
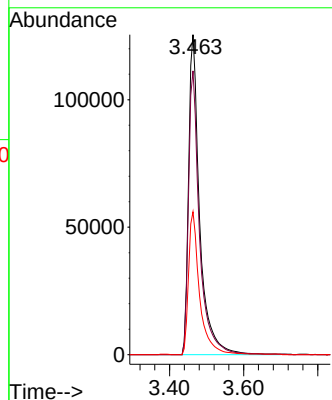
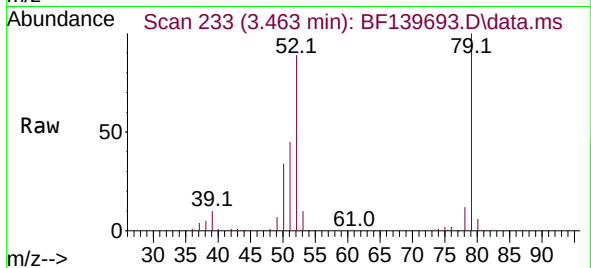
Tgt Ion: 79 Resp: 261444

Ion Ratio Lower Upper

79 100

52 88.7 72.6 109.0

51 44.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 49.432 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.070 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

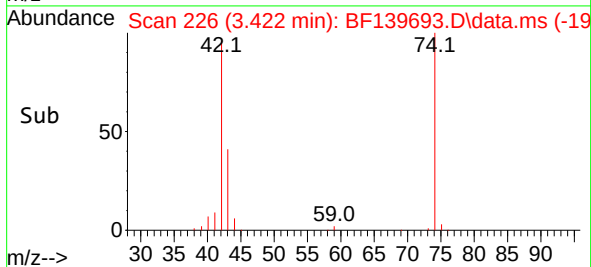
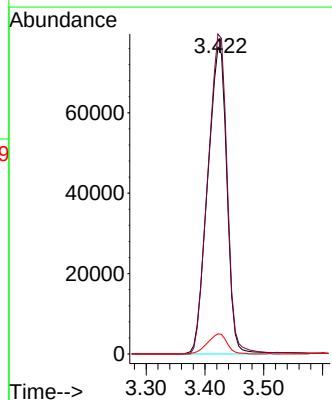
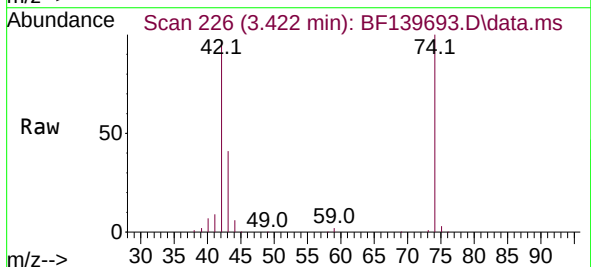
Tgt Ion: 42 Resp: 174088

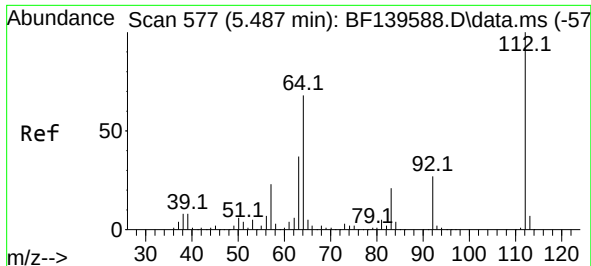
Ion Ratio Lower Upper

42 100

74 104.3 79.0 118.6

44 6.6 5.2 7.8

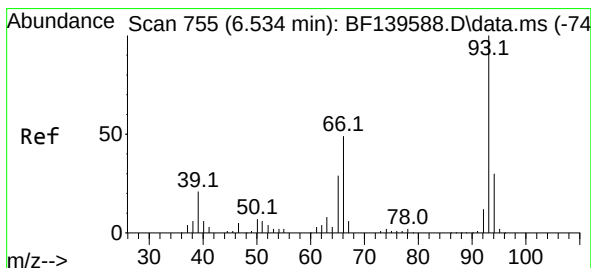
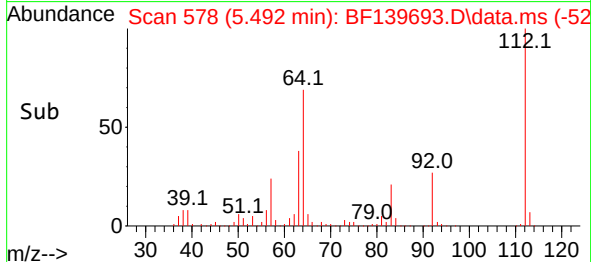
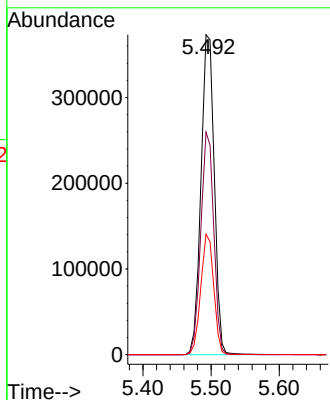
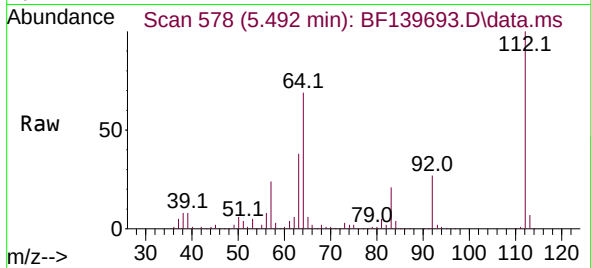




#5
2-Fluorophenol
Concen: 99.020 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.005 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

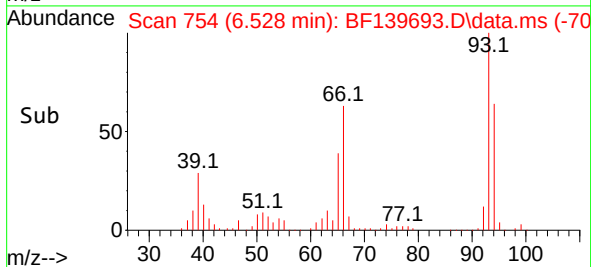
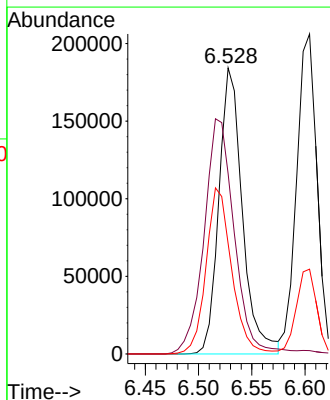
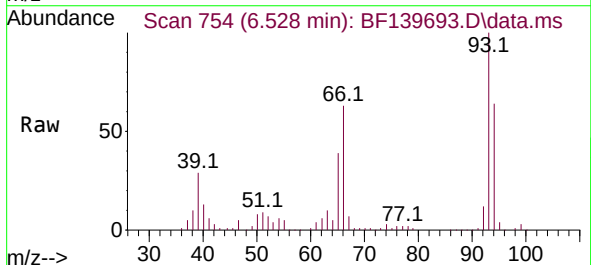
Instrument :
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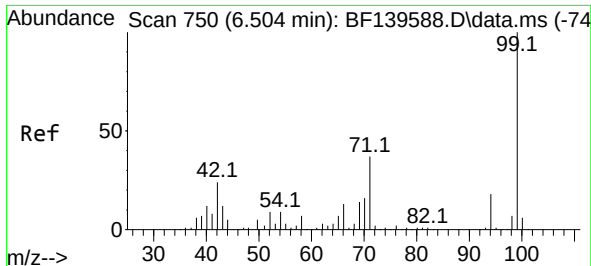
Tgt Ion:112 Resp: 506681
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 37.6 29.4 44.2



#6
Aniline
Concen: 46.276 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 93 Resp: 282570
Ion Ratio Lower Upper
93 100
66 63.0 40.9 61.3#
65 38.6 23.3 34.9#





#7

Phenol-d6

Concen: 100.555 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

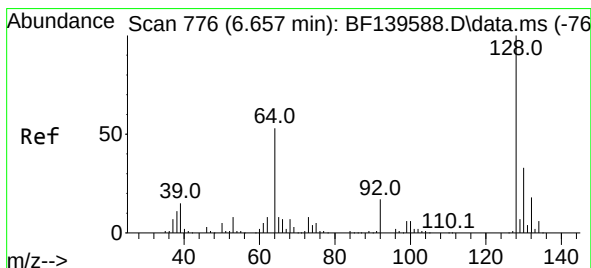
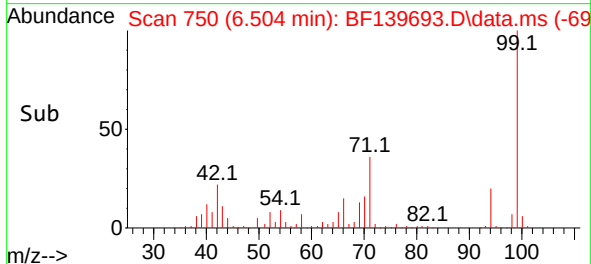
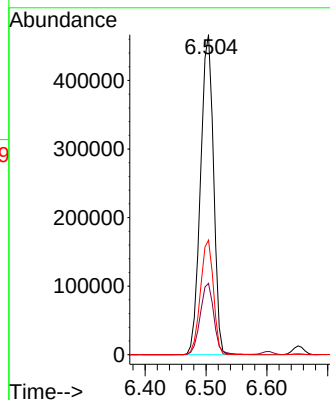
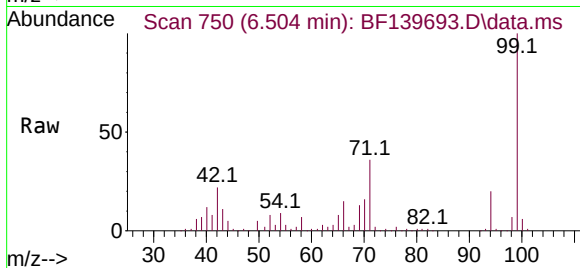
Tgt Ion: 99 Resp: 691937

Ion Ratio Lower Upper

99 100

42 22.3 19.1 28.7

71 35.8 29.7 44.5



#8

2-Chlorophenol

Concen: 50.232 ng

RT: 6.651 min Scan# 775

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

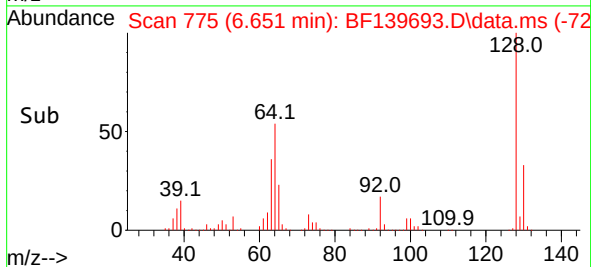
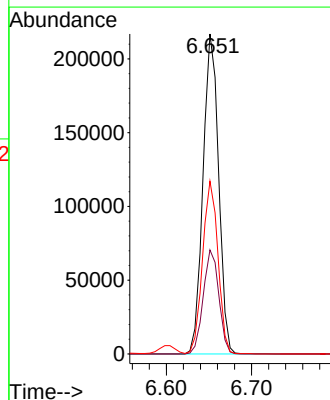
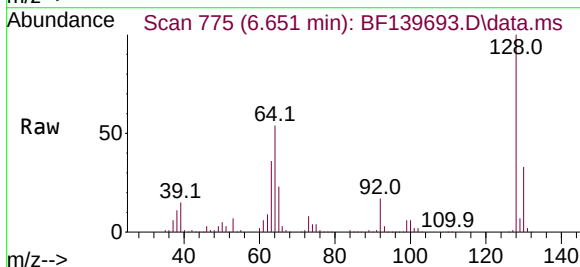
Tgt Ion:128 Resp: 275384

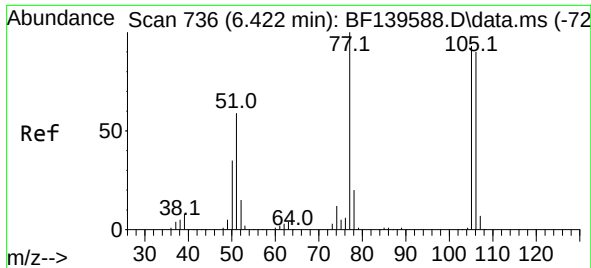
Ion Ratio Lower Upper

128 100

130 32.5 13.2 53.2

64 54.0 35.1 75.1





#9

Benzaldehyde

Concen: 24.806 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

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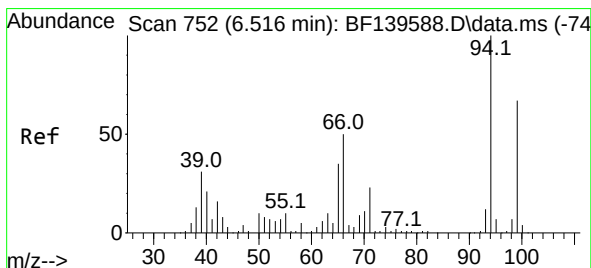
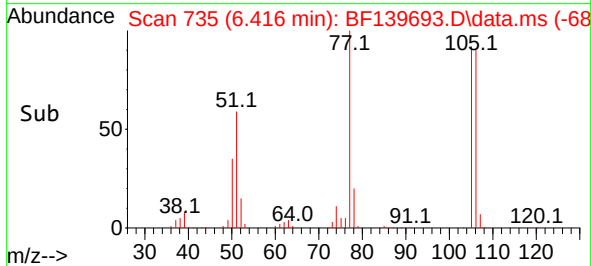
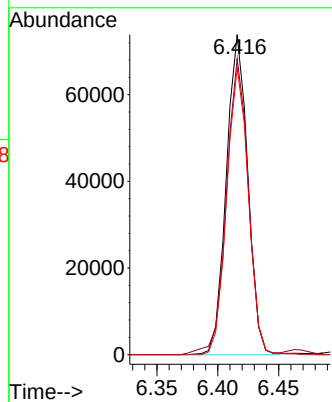
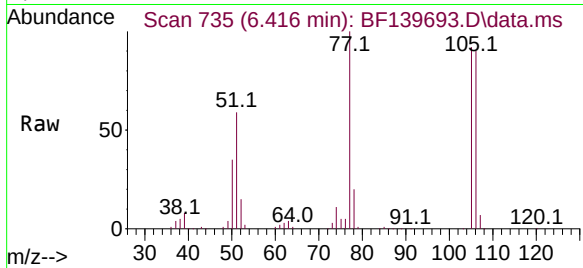
Tgt Ion: 77 Resp: 90421

Ion Ratio Lower Upper

77 100

105 92.5 72.7 112.7

106 89.8 70.1 110.1



#10

Phenol

Concen: 50.867 ng

RT: 6.516 min Scan# 752

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

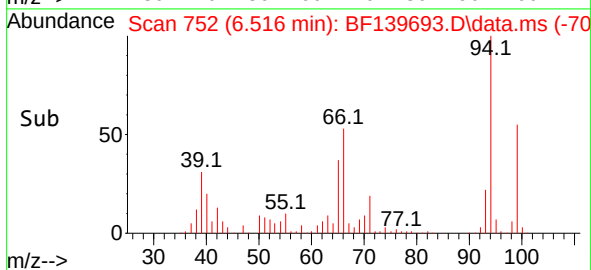
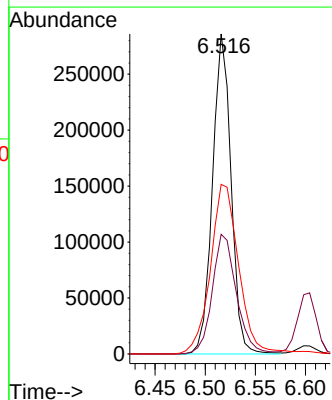
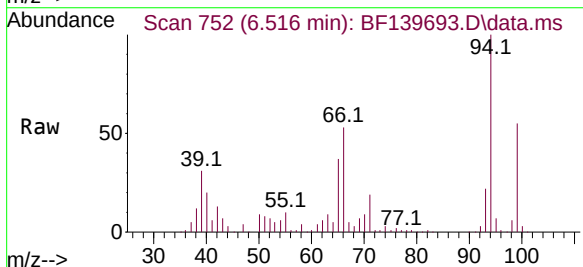
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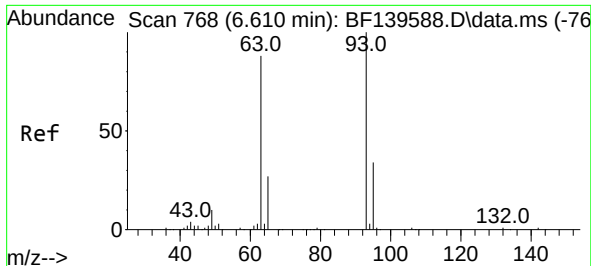
Ion Ratio Lower Upper

94 100

65 37.4 15.3 55.3

66 53.0 30.5 70.5

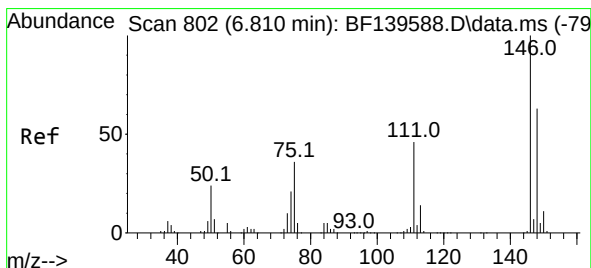
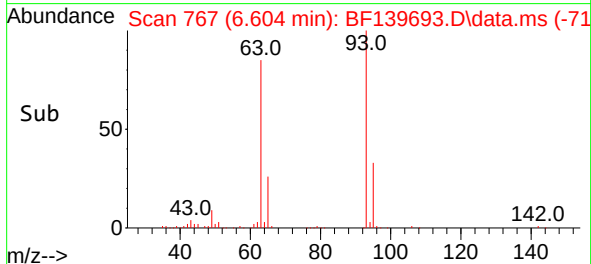
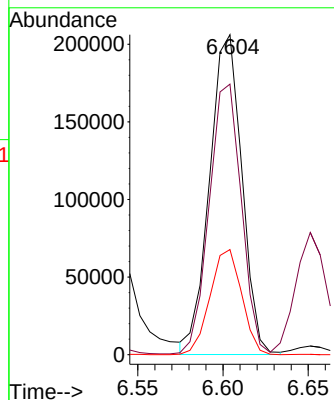
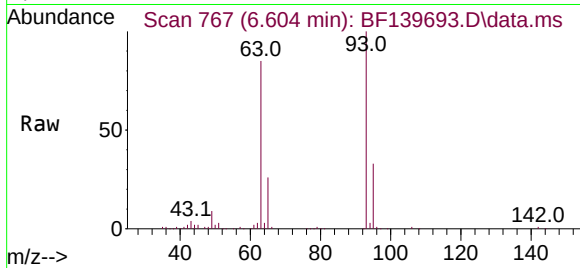




#11
bis(2-Chloroethyl)ether
Concen: 46.227 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

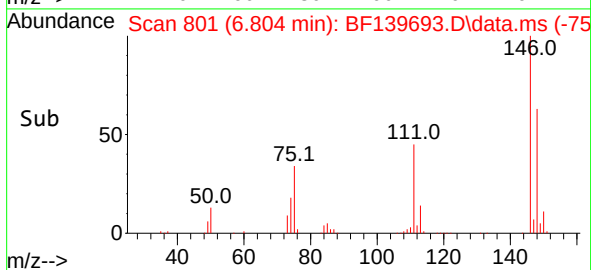
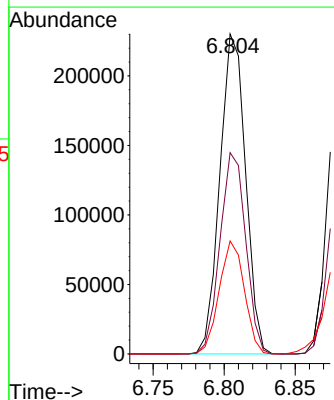
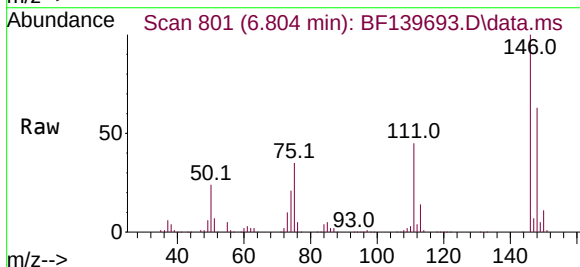
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

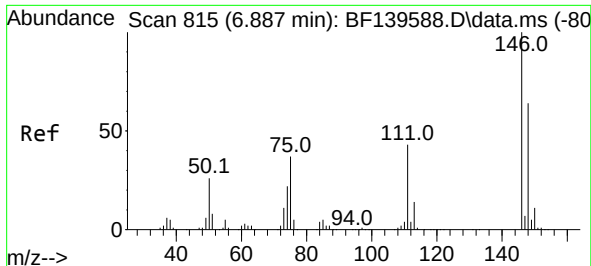
Tgt Ion: 93 Resp: 272338
Ion Ratio Lower Upper
93 100
63 84.6 64.1 104.1
95 32.9 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 47.009 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 146 Resp: 289914
Ion Ratio Lower Upper
146 100
148 62.9 50.2 75.4
75 35.3 28.5 42.7

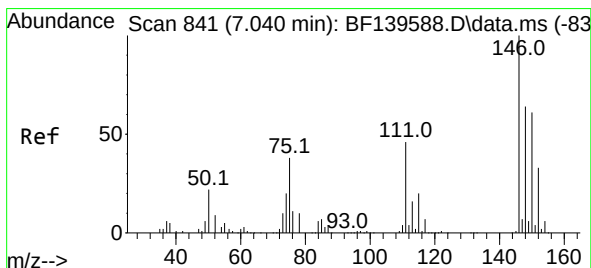
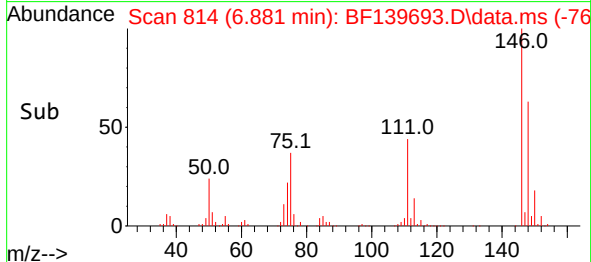
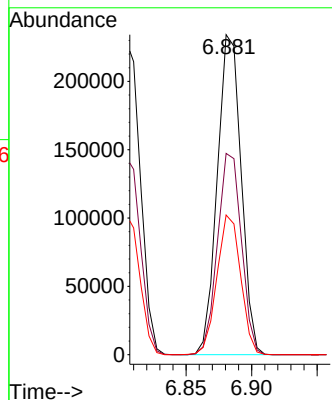
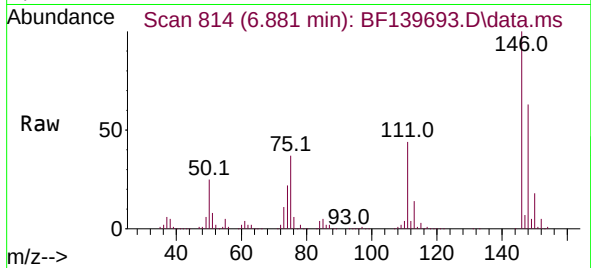




#13
1,4-Dichlorobenzene
Concen: 47.414 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

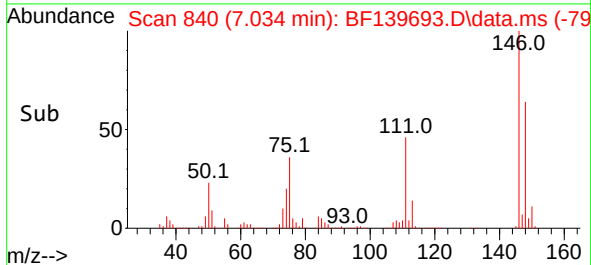
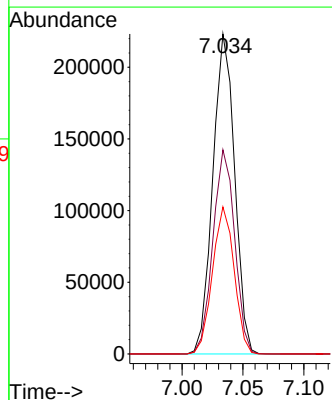
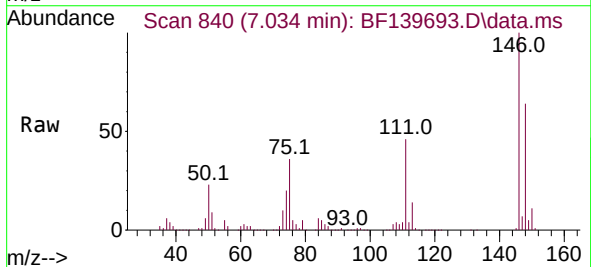
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

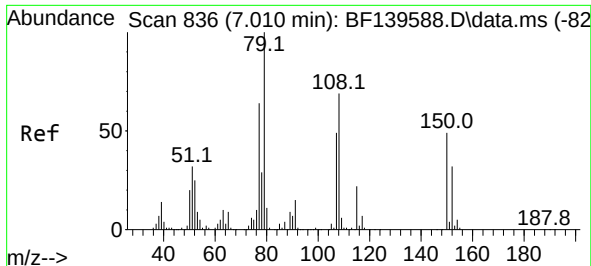
Tgt Ion:146 Resp: 296158
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 43.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 47.562 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:146 Resp: 278433
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 45.9 37.0 55.6

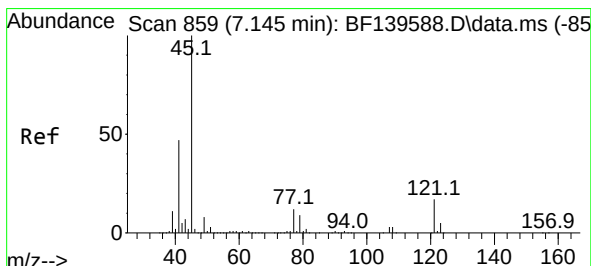
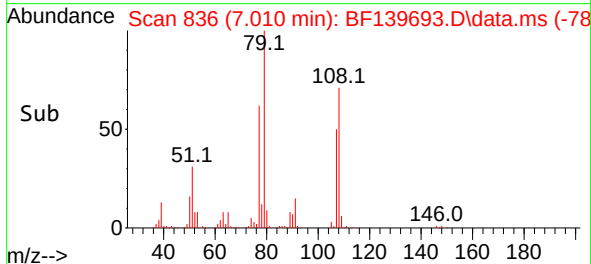
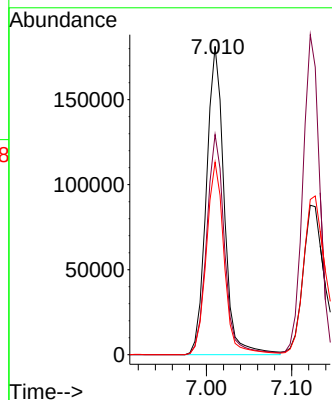
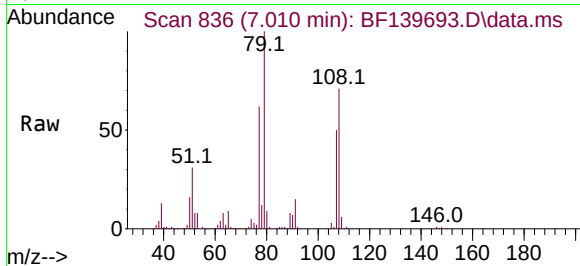




#15
Benzyl Alcohol
Concen: 49.982 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

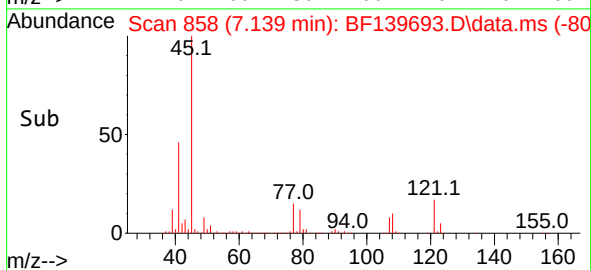
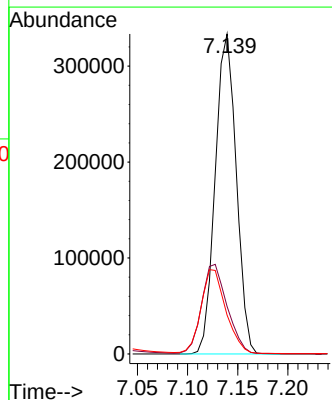
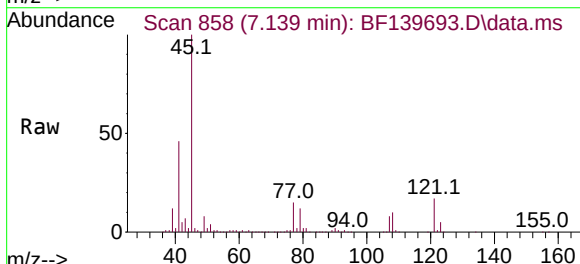
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

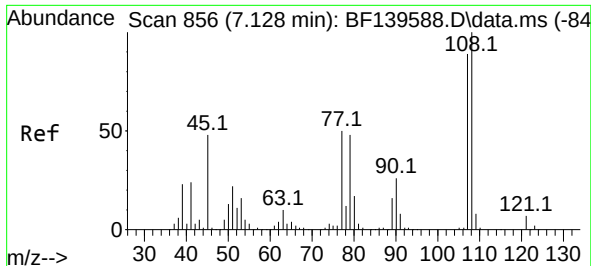
Tgt Ion: 79 Resp: 262787
Ion Ratio Lower Upper
79 100
108 71.4 55.1 82.7
77 62.4 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.667 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 45 Resp: 486146
Ion Ratio Lower Upper
45 100
77 14.8 0.0 32.5
79 12.1 0.0 29.7

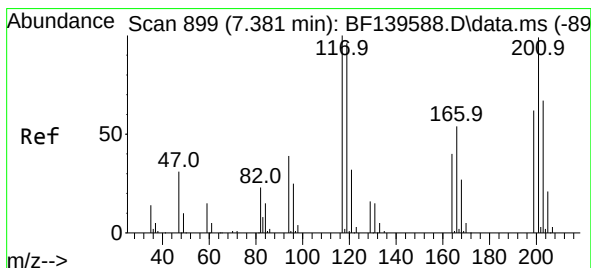
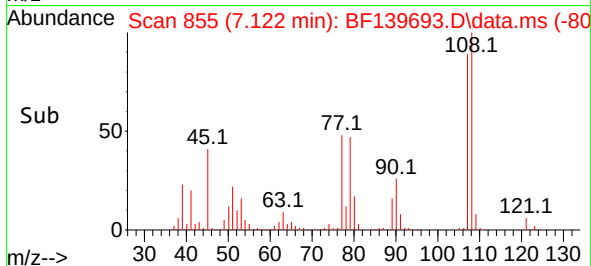
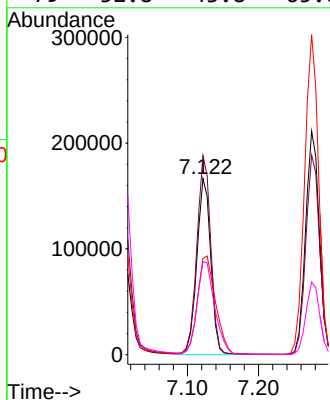
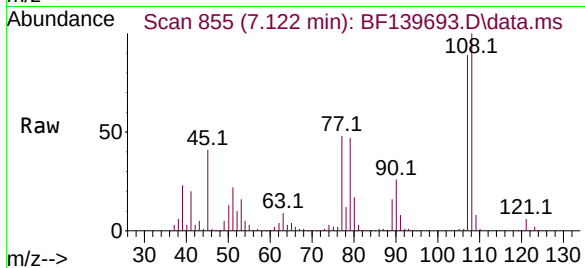




#17
2-Methylphenol
Concen: 49.671 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

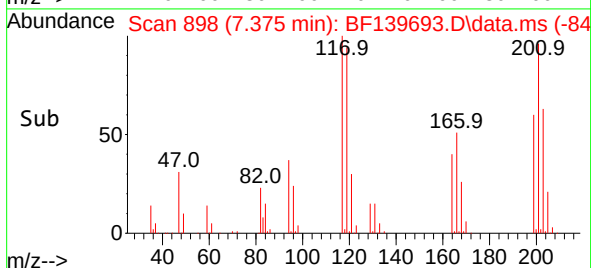
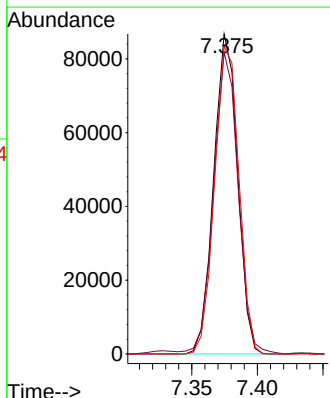
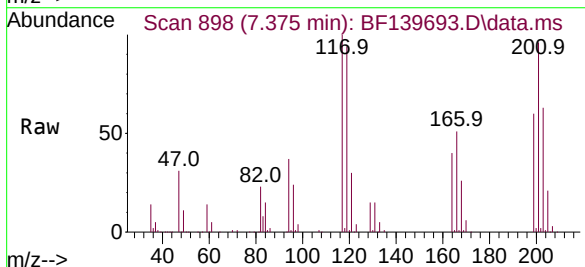
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

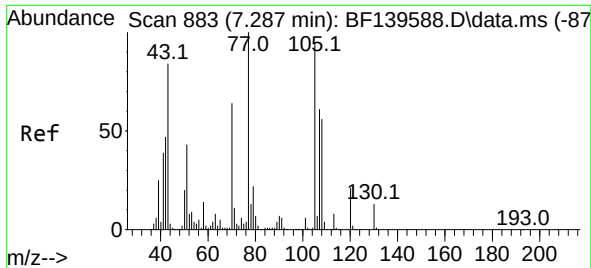
Tgt Ion:	107	Resp:	227331
Ion	Ratio	Lower	Upper
107	100		
108	113.0	89.8	134.6
77	54.8	44.6	67.0
79	52.8	43.8	65.6



#18
Hexachloroethane
Concen: 46.994 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:	117	Resp:	109488
Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.0	115.6
201	96.2	79.2	118.8



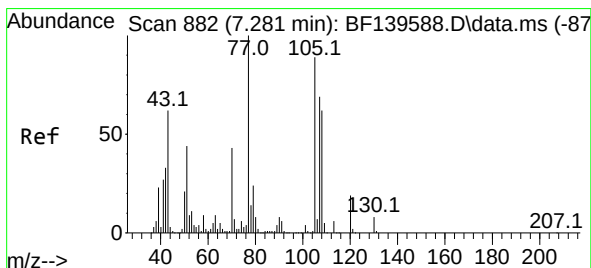
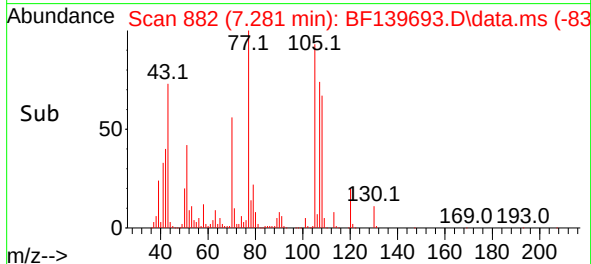
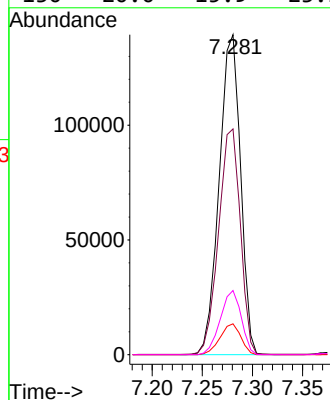
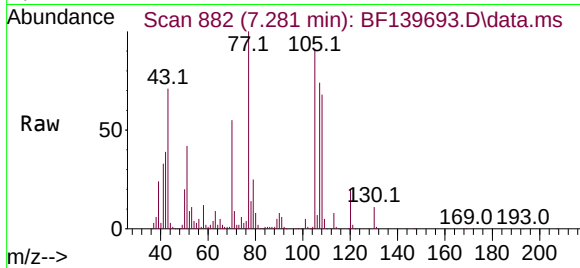


#19
n-Nitroso-di-n-propylamine
Concen: 46.521 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Instrument :
BNA_F
ClientSampleId :
IB-4MSD

Tgt Ion: 70 Resp: 205808

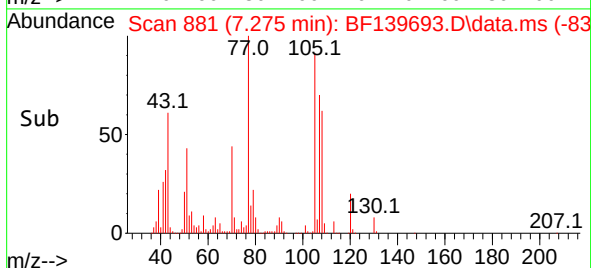
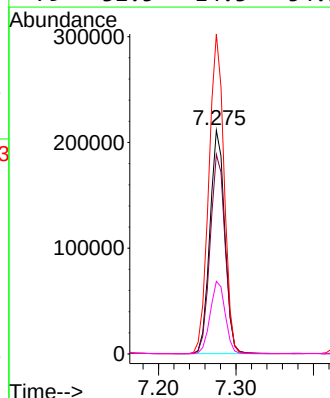
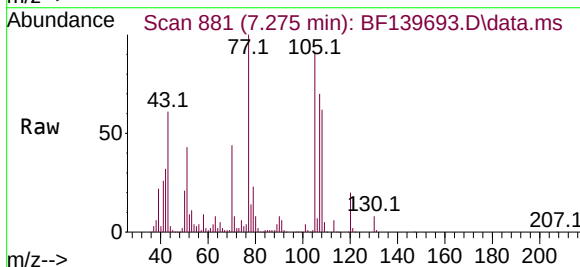
Ion	Ratio	Lower	Upper
70	100		
42	70.5	58.0	87.0
101	9.6	7.8	11.8
130	20.0	15.9	23.9

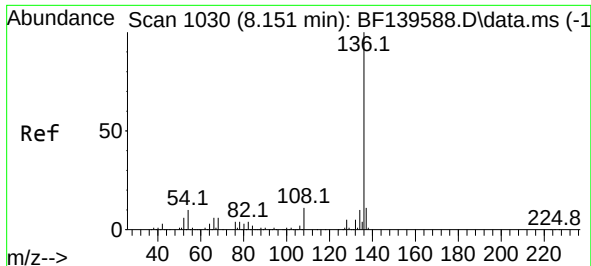


#20
3+4-Methylphenols
Concen: 48.997 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 107 Resp: 281659

Ion	Ratio	Lower	Upper
107	100		
108	89.2	70.2	110.2
77	143.1	125.3	165.3
79	32.5	14.3	54.3

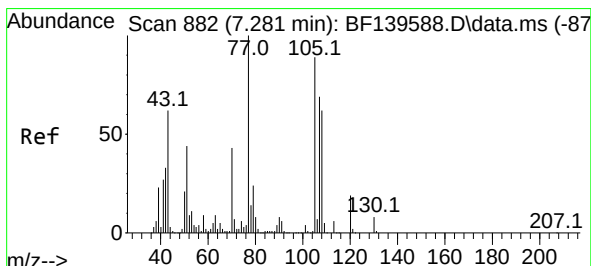
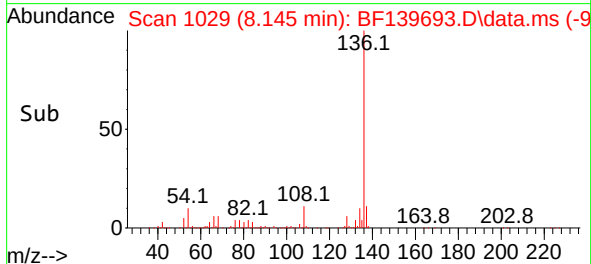
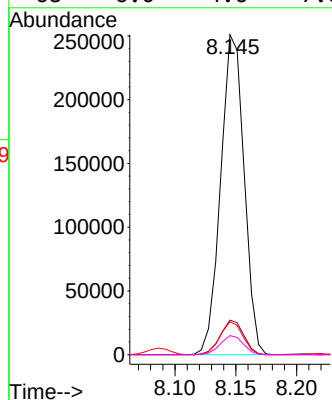
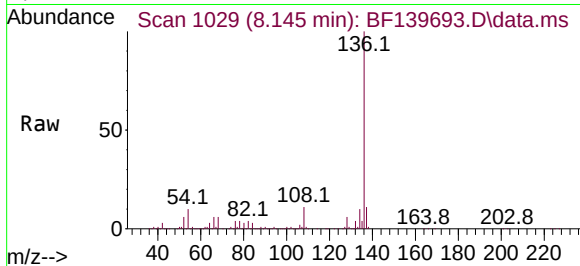




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

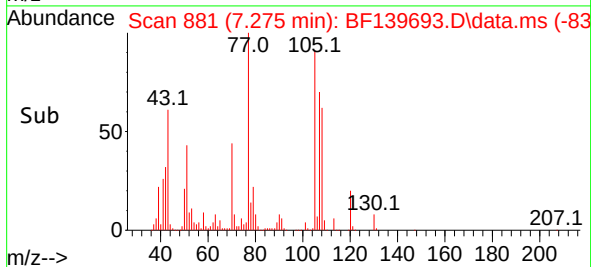
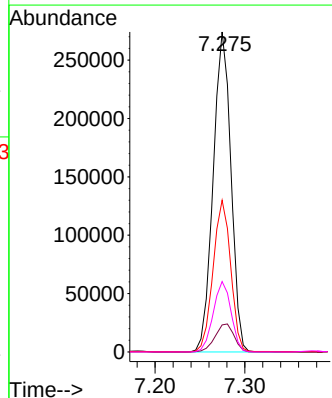
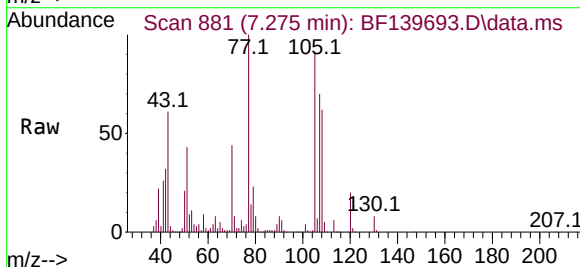
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

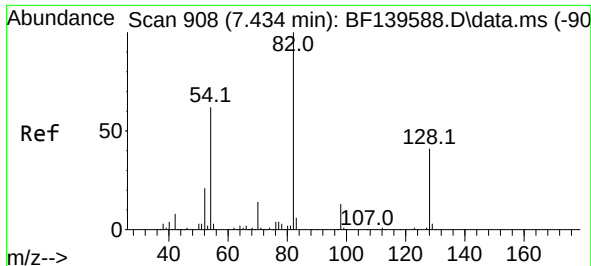
Tgt Ion:136	Resp: 336326
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 10.3	8.3 12.5
68 6.0	4.6 7.0



#22
Acetophenone
Concen: 47.312 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt	Ion:105	Resp:	377709
Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.6	10.0
51	47.4	39.4	59.0
120	22.0	17.4	26.2

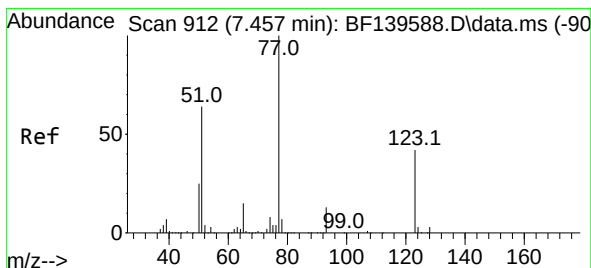
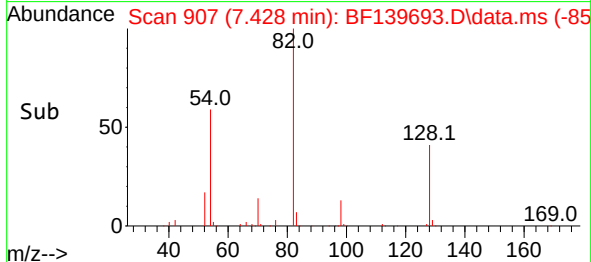
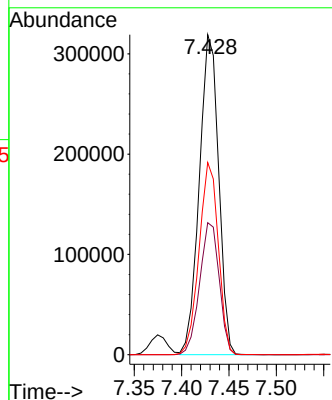
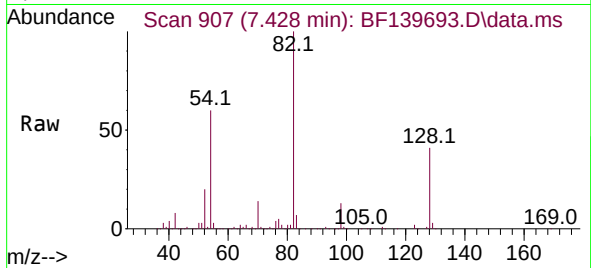




#23
Nitrobenzene-d5
Concen: 68.203 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

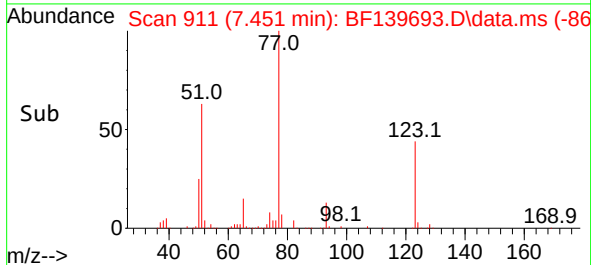
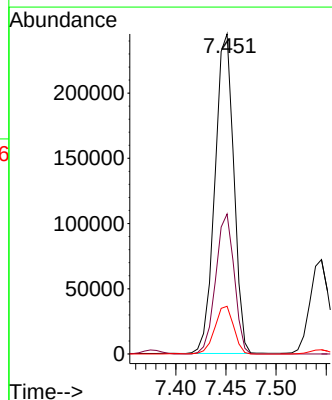
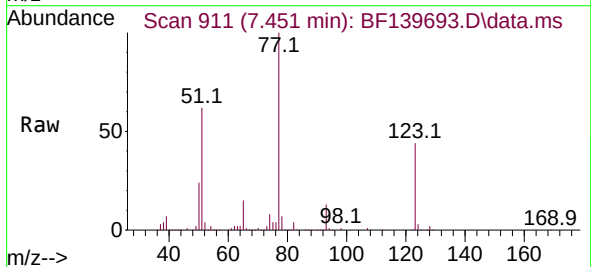
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

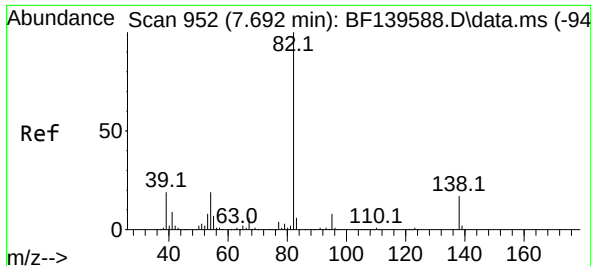
Tgt Ion: 82 Resp: 453058
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 60.0 49.1 73.7



#24
Nitrobenzene
Concen: 46.516 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 77 Resp: 319963
Ion Ratio Lower Upper
77 100
123 43.8 34.2 51.4
65 14.9 12.1 18.1

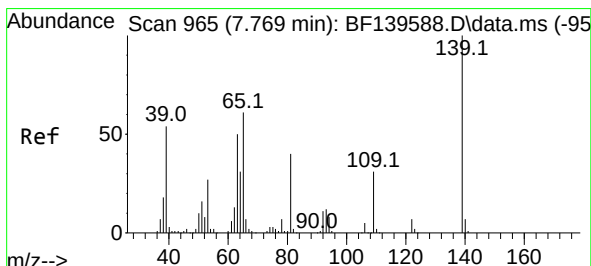
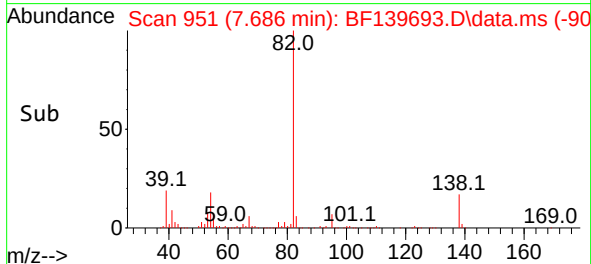
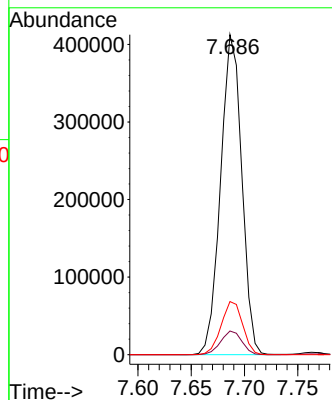
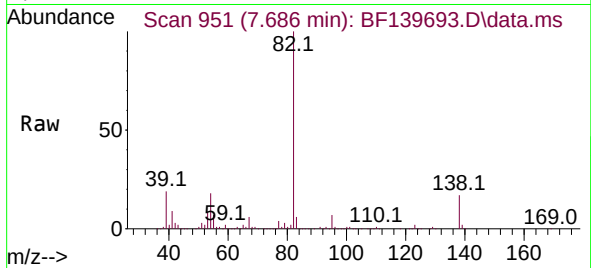




#25
Isophorone
Concen: 48.280 ng
RT: 7.686 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

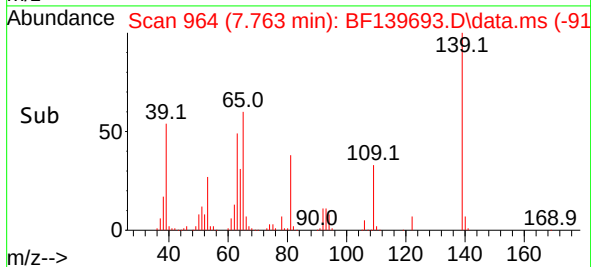
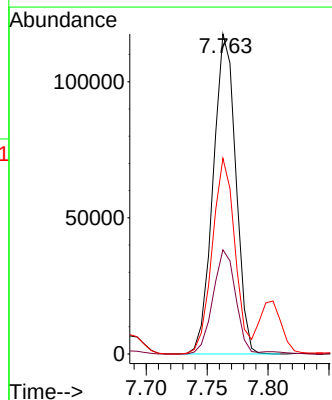
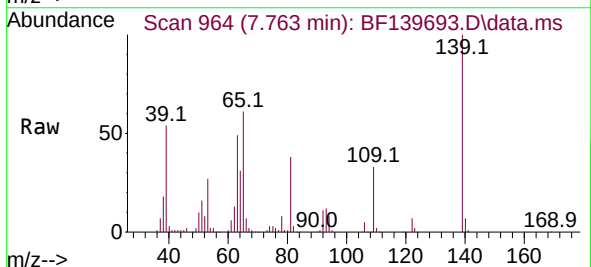
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

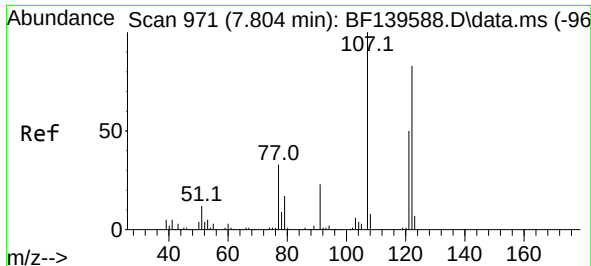
Tgt Ion: 82 Resp: 569628
Ion Ratio Lower Upper
82 100
95 7.4 6.1 9.1
138 16.6 13.4 20.2



#26
2-Nitrophenol
Concen: 51.477 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 139 Resp: 152222
Ion Ratio Lower Upper
139 100
109 32.6 24.9 37.3
65 61.1 48.6 72.8

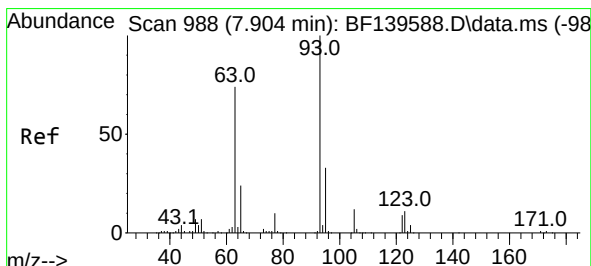
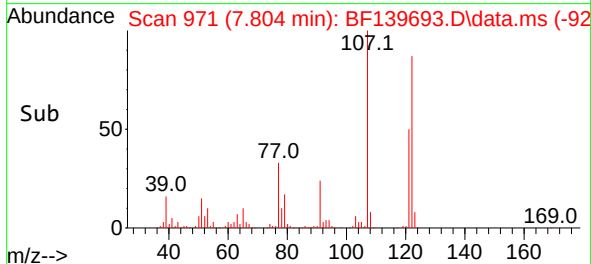
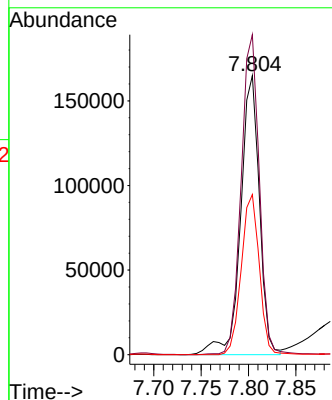
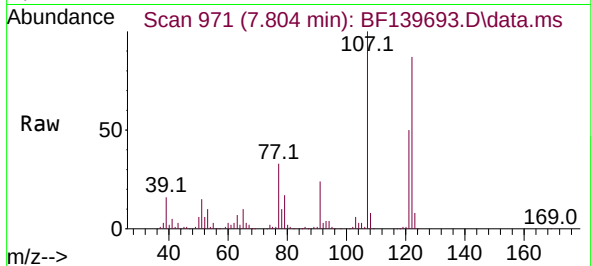




#27
2,4-Dimethylphenol
Concen: 62.782 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

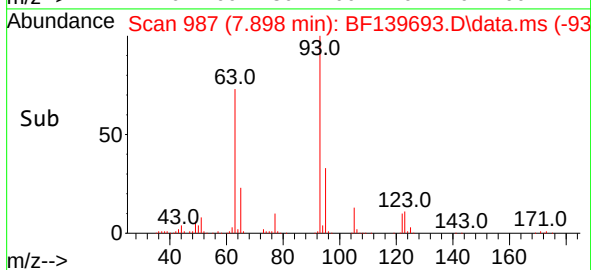
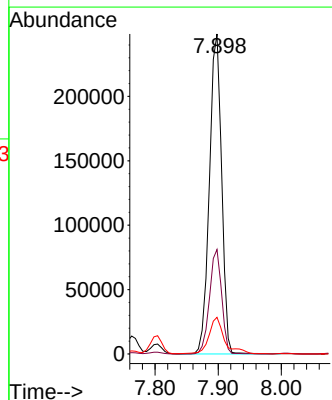
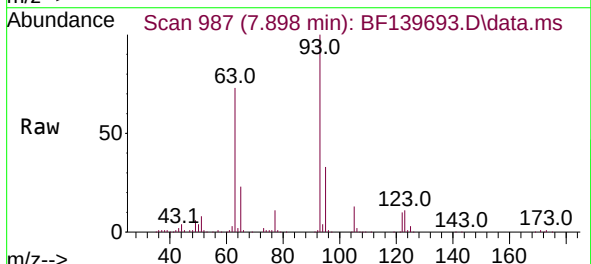
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

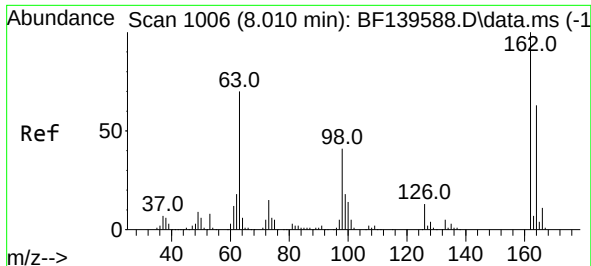
Tgt Ion:122 Resp: 227275
Ion Ratio Lower Upper
122 100
107 114.7 95.4 143.0
121 57.4 47.4 71.2



#28
bis(2-Chloroethoxy)methane
Concen: 47.573 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion: 93 Resp: 335167
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.4 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.746 ng

RT: 8.010 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

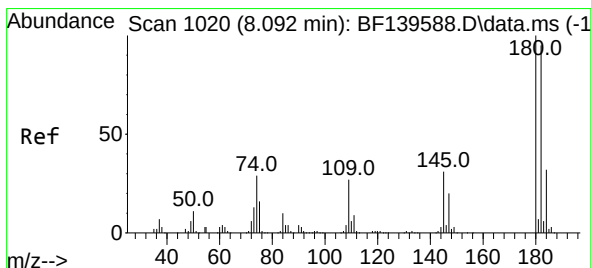
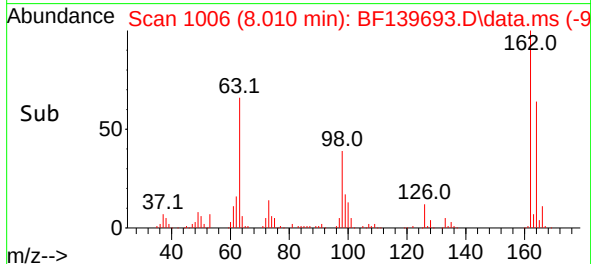
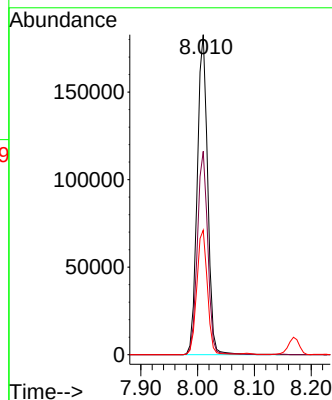
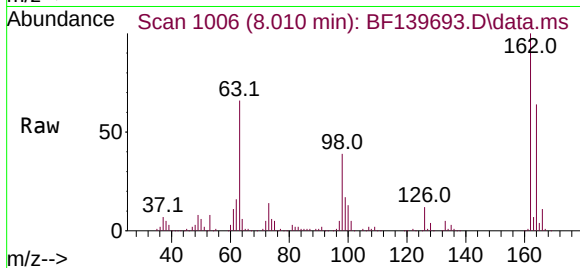
Tgt Ion:162 Resp: 234894

Ion Ratio Lower Upper

162 100

164 63.5 43.1 83.1

98 38.9 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 45.610 ng

RT: 8.086 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

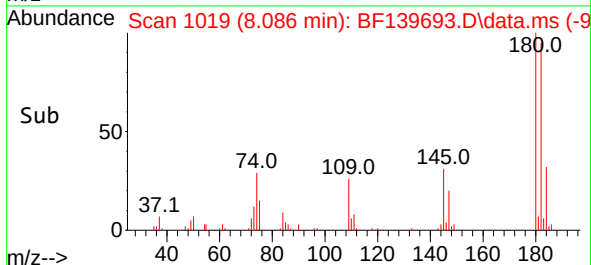
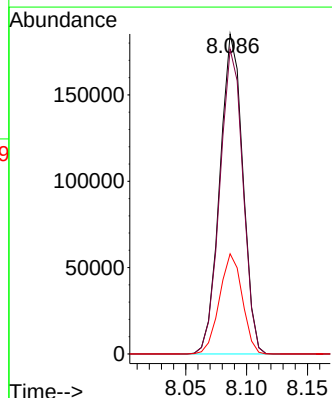
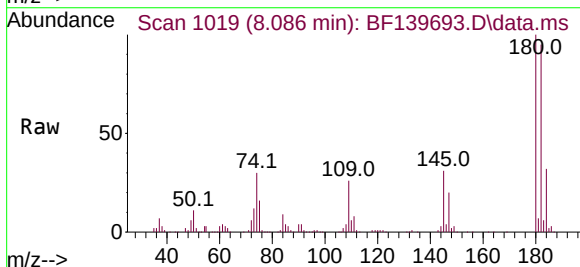
Tgt Ion:180 Resp: 243552

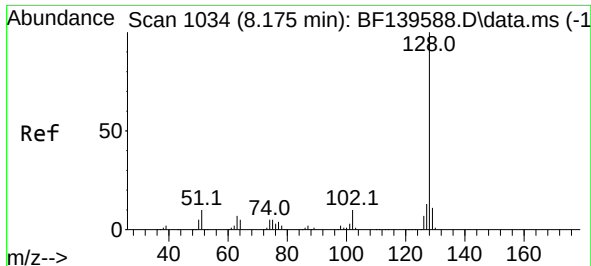
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 31.3 25.0 37.6

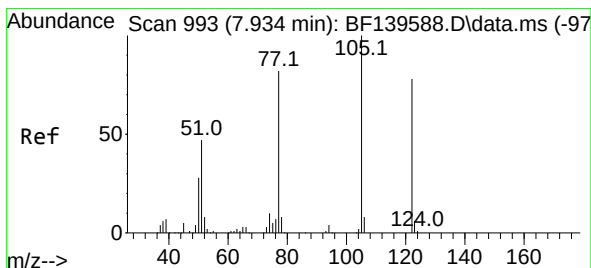
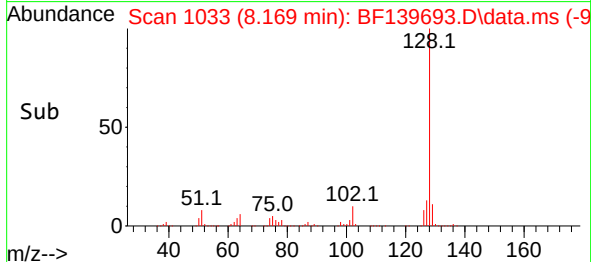
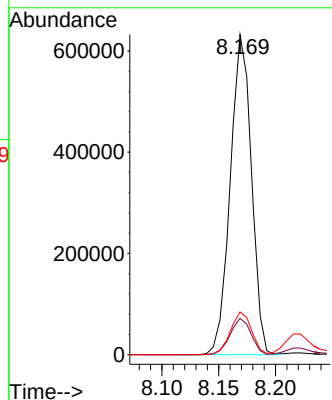
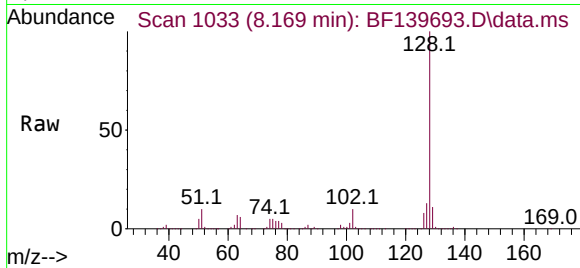




#31
Naphthalene
Concen: 47.544 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

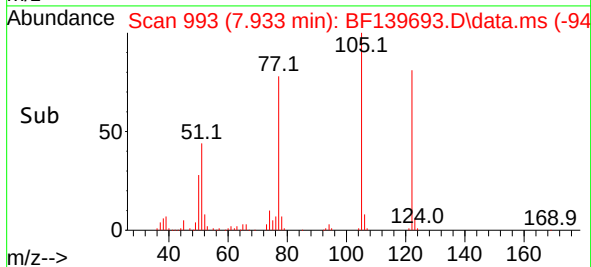
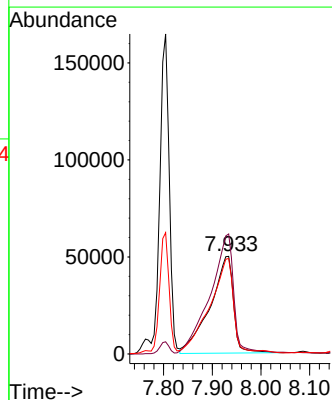
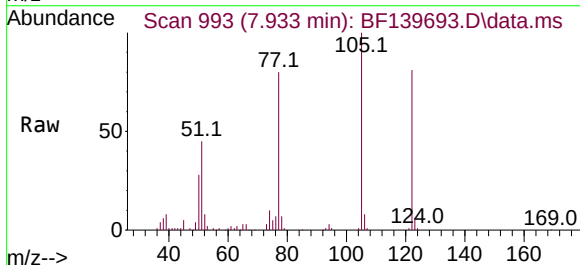
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

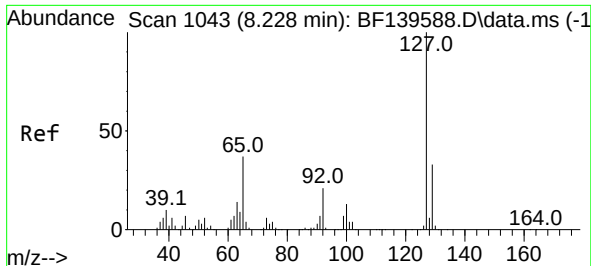
Tgt Ion:128 Resp: 817568
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 46.441 ng
RT: 7.933 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:122 Resp: 167169
Ion Ratio Lower Upper
122 100
105 122.9 104.9 144.9
77 97.9 82.7 122.7

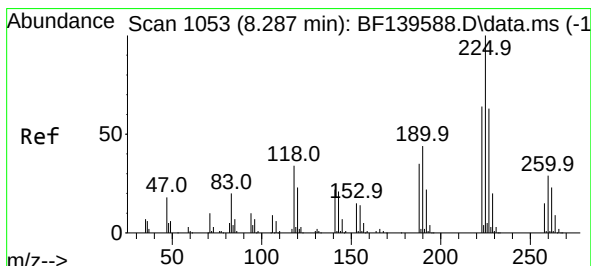
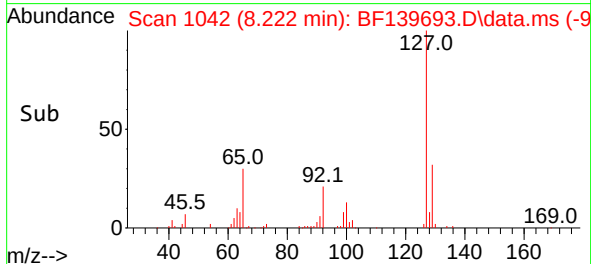
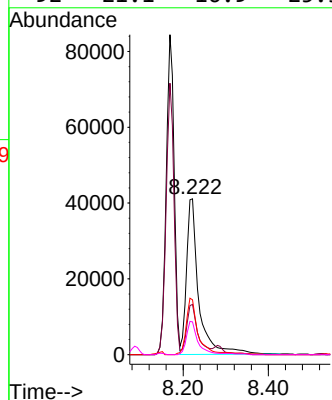
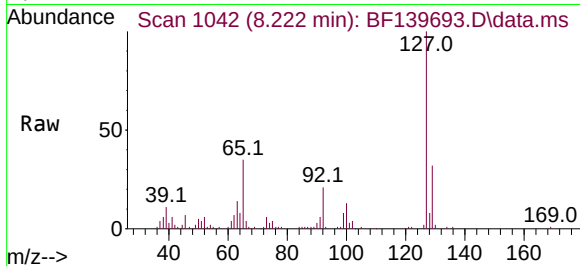




#33
4-Chloroaniline
Concen: 14.095 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

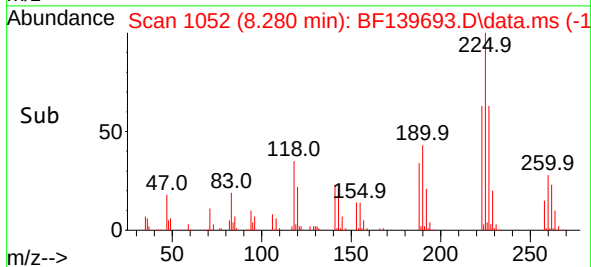
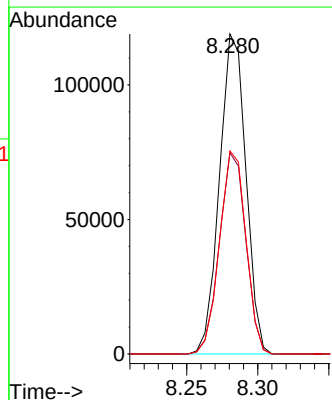
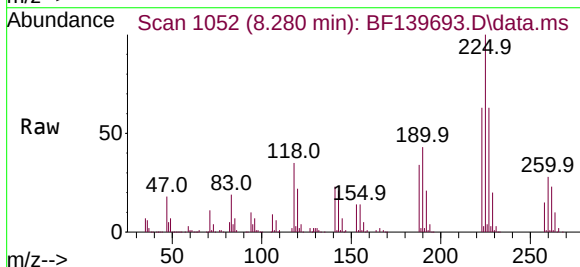
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

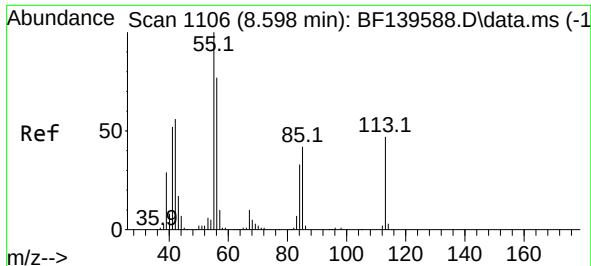
Tgt Ion:	127	Resp:	82040
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	35.3	29.3	43.9
92	21.1	16.9	25.3



#34
Hexachlorobutadiene
Concen: 44.435 ng
RT: 8.280 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:	225	Resp:	153552
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	63.5	50.7	76.1

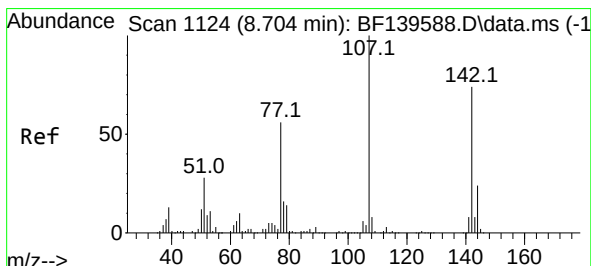
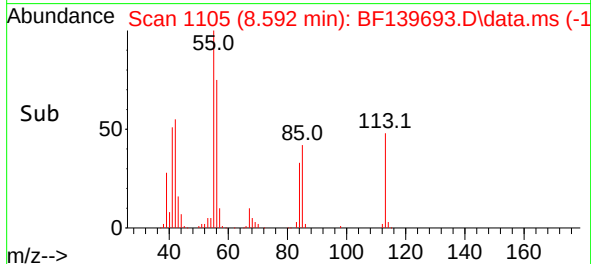
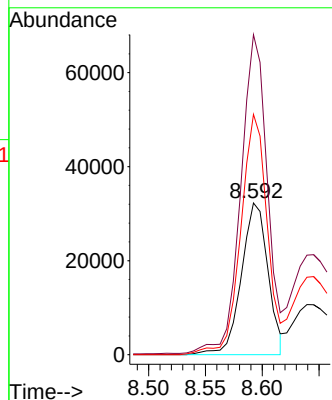
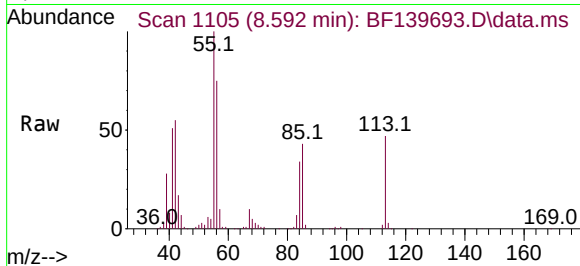




#35
 Caprolactam
 Concen: 33.968 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.006 min
 Lab File: BF139693.D
 Acq: 07 Oct 2024 18:28

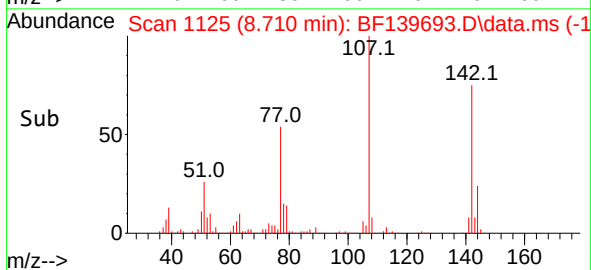
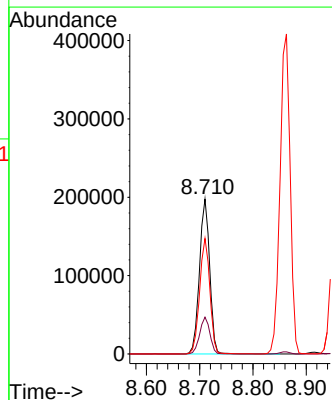
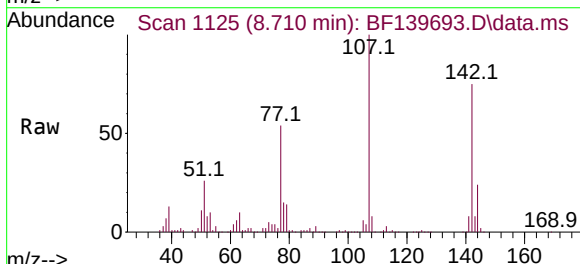
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MSD

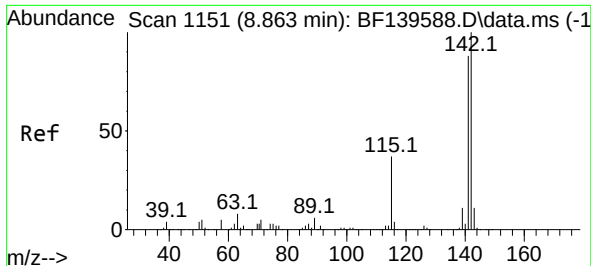
Tgt Ion:113 Resp: 52606
 Ion Ratio Lower Upper
 113 100
 55 210.9 193.4 233.4
 56 158.4 143.8 183.8



#36
 4-Chloro-3-methylphenol
 Concen: 49.478 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF139693.D
 Acq: 07 Oct 2024 18:28

Tgt Ion:107 Resp: 264467
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.0 28.6
 142 74.6 59.2 88.8





#37

2-Methylnaphthalene

Concen: 48.030 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

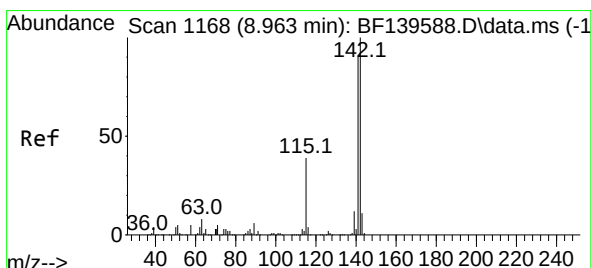
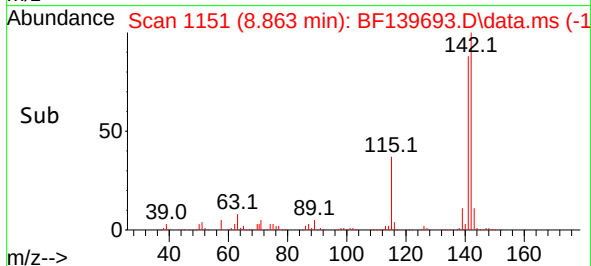
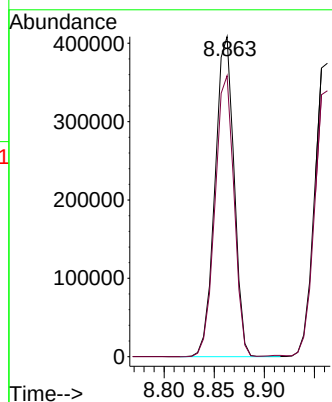
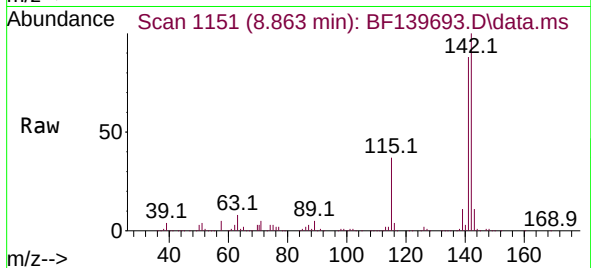
IB-4MSD

Tgt Ion:142 Resp: 537913

Ion Ratio Lower Upper

142 100

141 87.8 70.4 105.6



#38

1-Methylnaphthalene

Concen: 45.907 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF139693.D

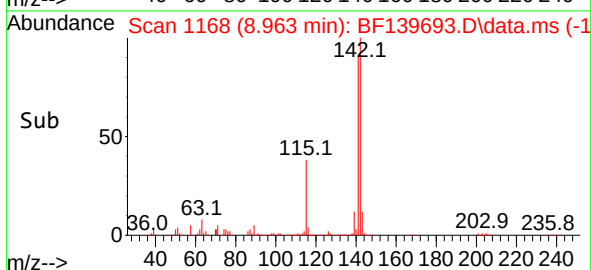
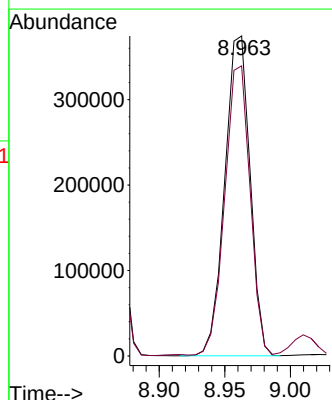
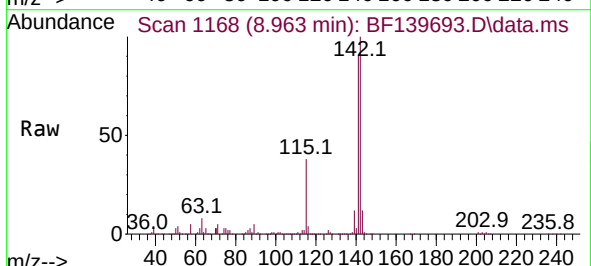
Acq: 07 Oct 2024 18:28

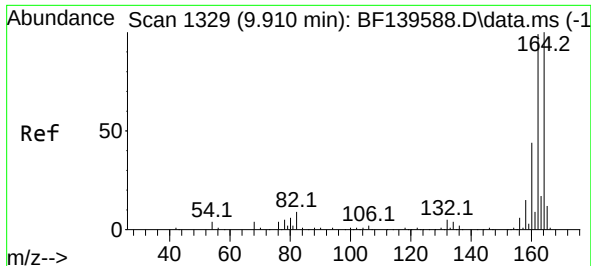
Tgt Ion:142 Resp: 502561

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

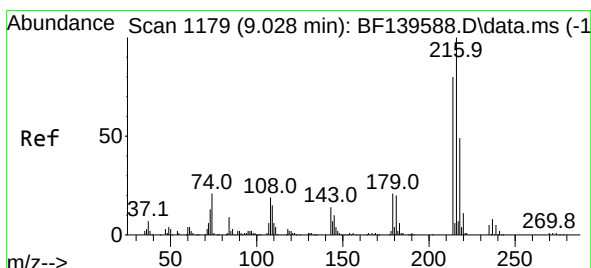
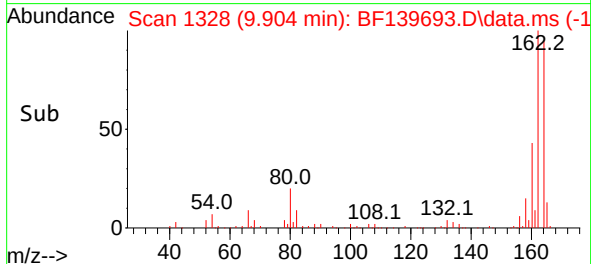
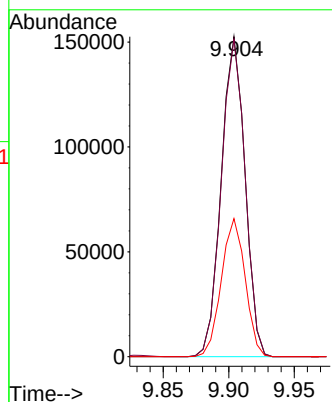
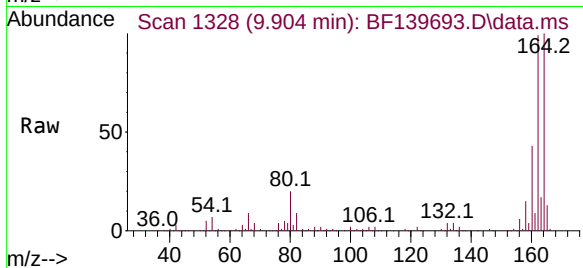
Tgt Ion:164 Resp: 191822

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 43.1 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.031 ng

RT: 9.027 min Scan# 1179

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Tgt Ion:216 Resp: 250515

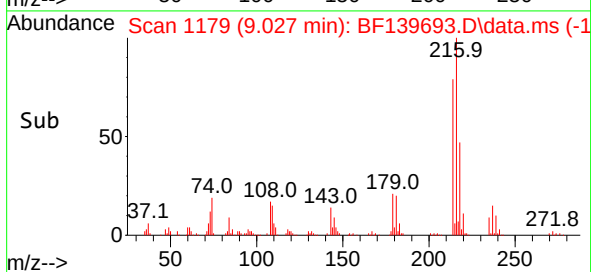
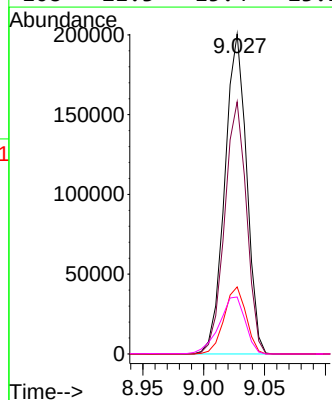
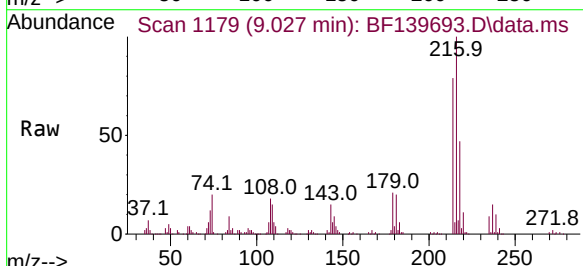
Ion Ratio Lower Upper

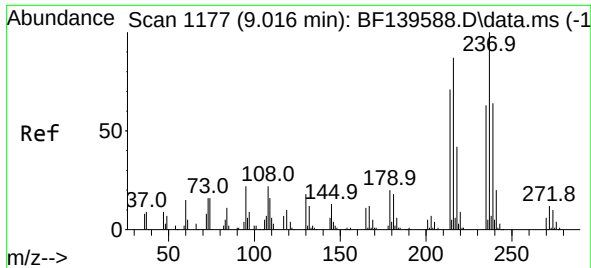
216 100

214 78.7 63.7 95.5

179 21.1 16.9 25.3

108 21.3 15.4 23.2

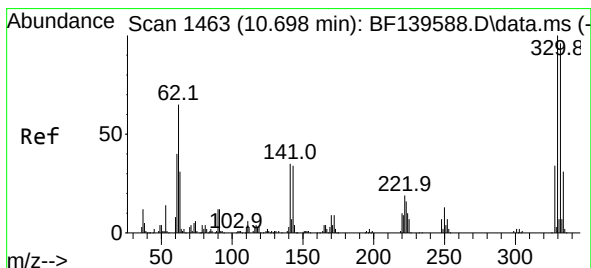
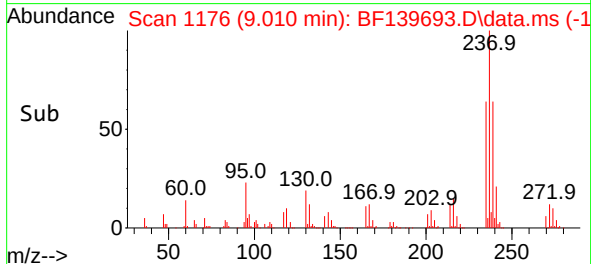
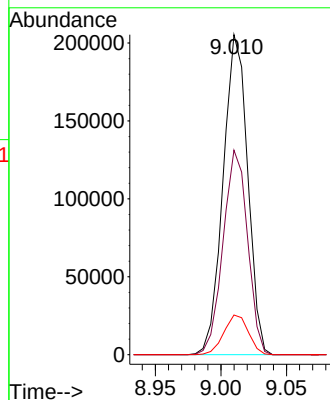
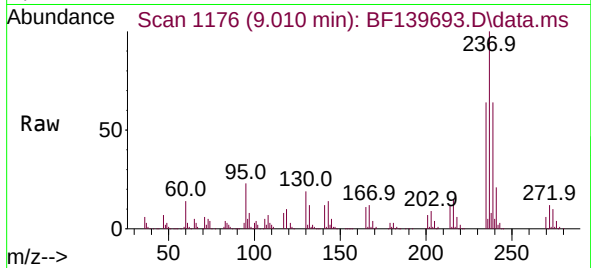




#41
Hexachlorocyclopentadiene
Concen: 163.648 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

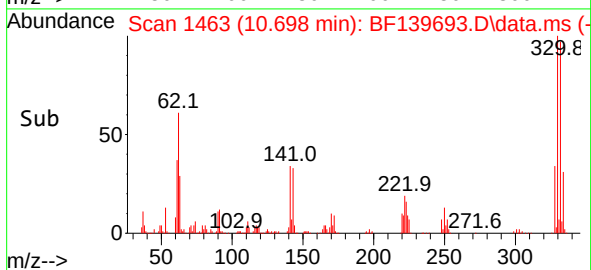
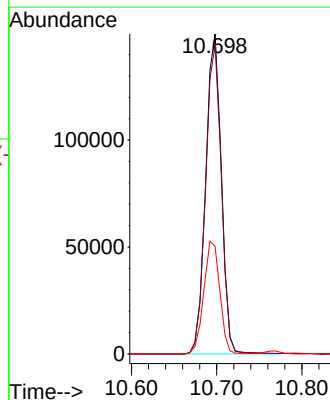
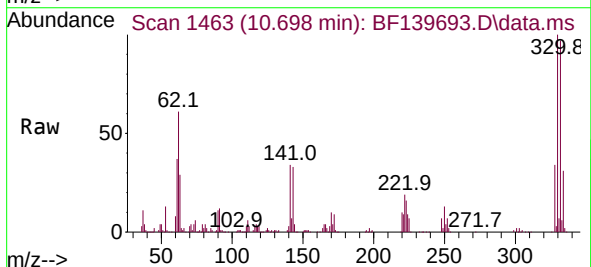
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

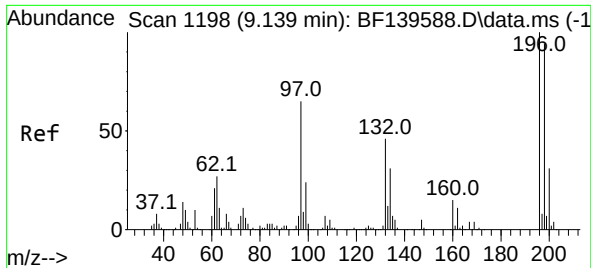
Tgt Ion:237 Resp: 267284
Ion Ratio Lower Upper
237 100
235 63.9 42.5 82.5
272 12.4 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 103.344 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:330 Resp: 191365
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 36.1 29.3 43.9

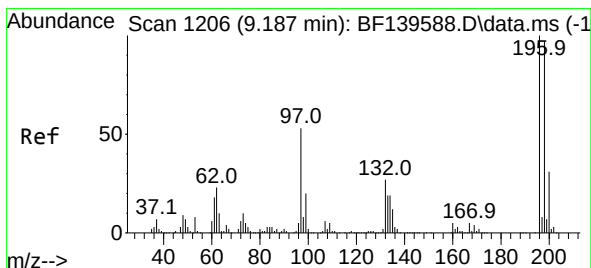
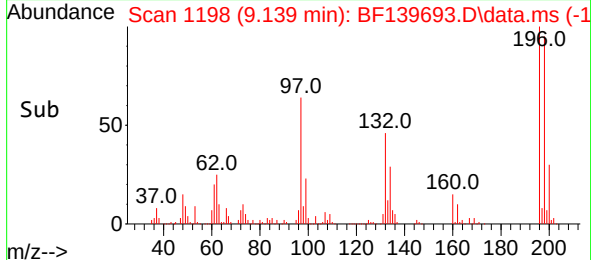
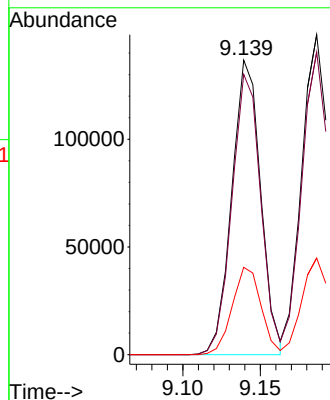
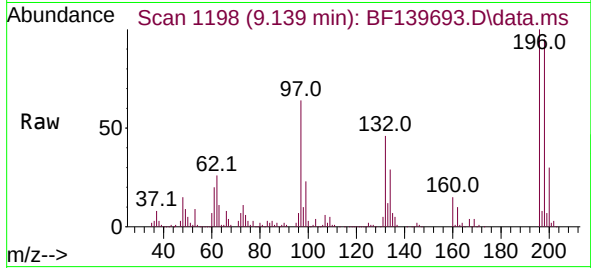




#43
2,4,6-Trichlorophenol
Concen: 49.280 ng
RT: 9.139 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

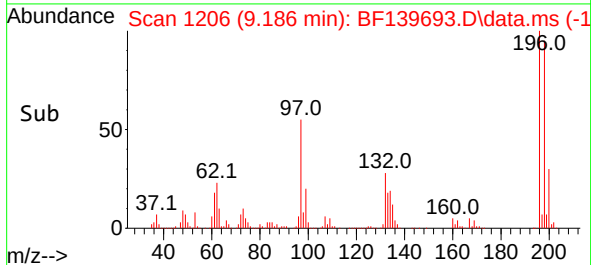
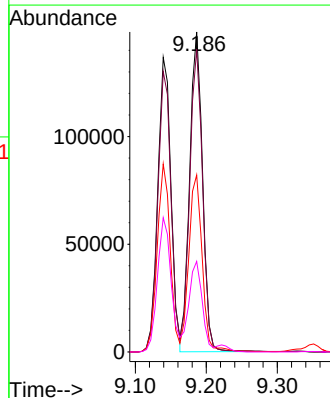
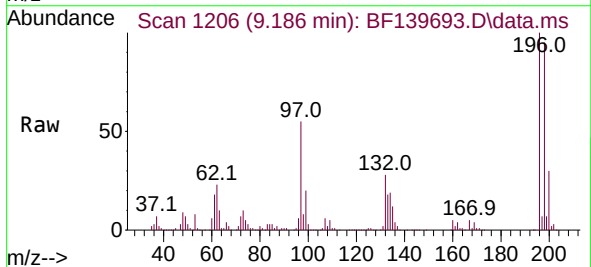
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

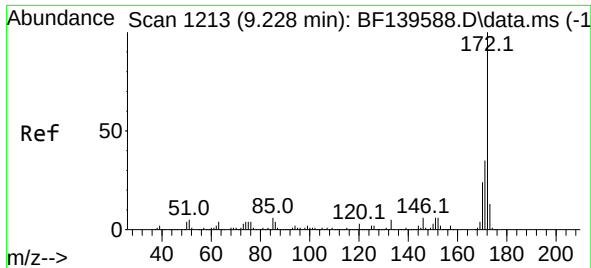
Tgt Ion:196 Resp: 176957
Ion Ratio Lower Upper
196 100
198 95.1 75.2 112.8
200 29.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 48.356 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:196 Resp: 187255
Ion Ratio Lower Upper
196 100
198 94.6 77.5 116.3
97 55.3 43.1 64.7
132 28.3 22.2 33.4

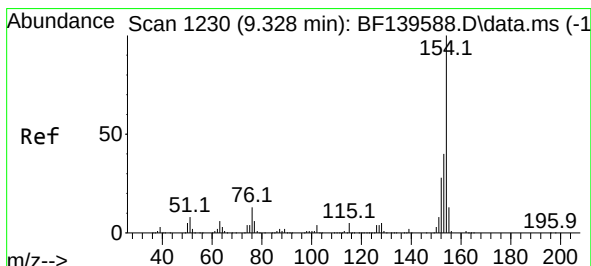
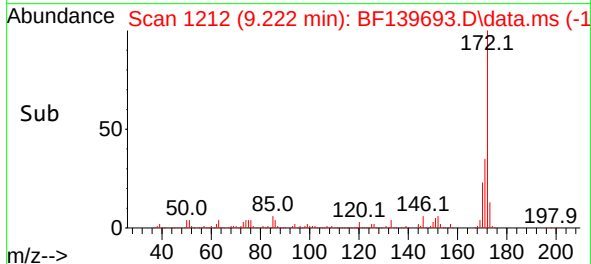
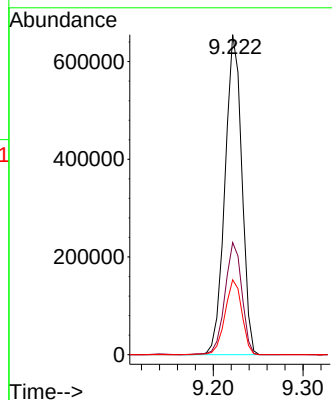
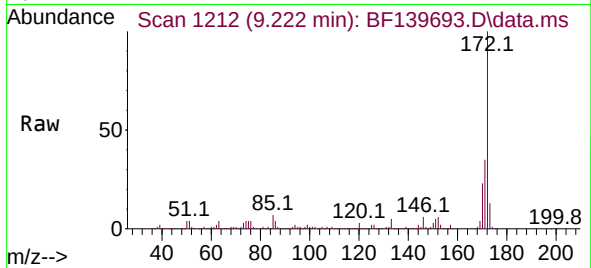




#45
2-Fluorobiphenyl
Concen: 68.389 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

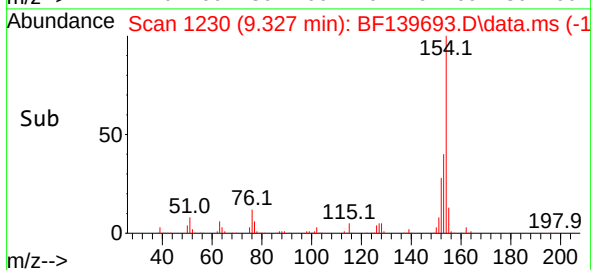
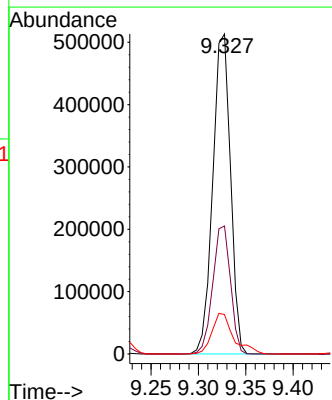
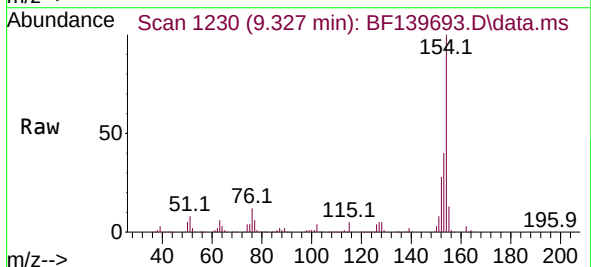
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

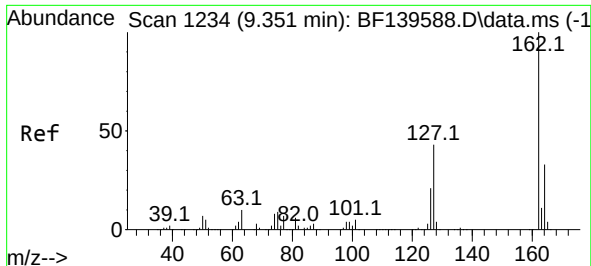
Tgt Ion:172 Resp: 854527
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 46.755 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:154 Resp: 667055
Ion Ratio Lower Upper
154 100
153 40.0 20.1 60.1
76 12.3 0.0 32.6

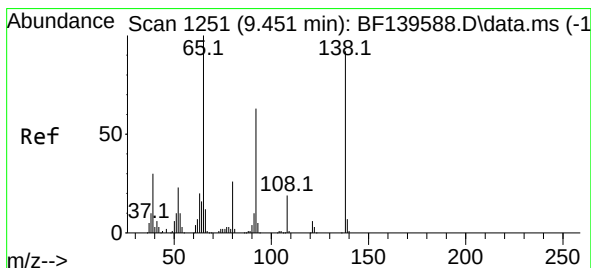
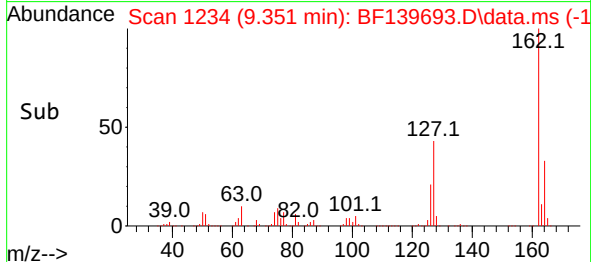
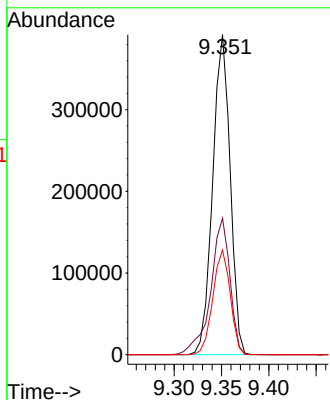
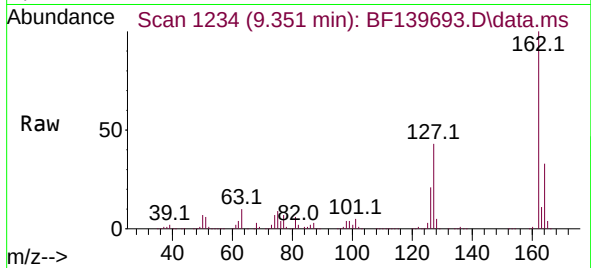




#47
2-Chloronaphthalene
Concen: 47.036 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

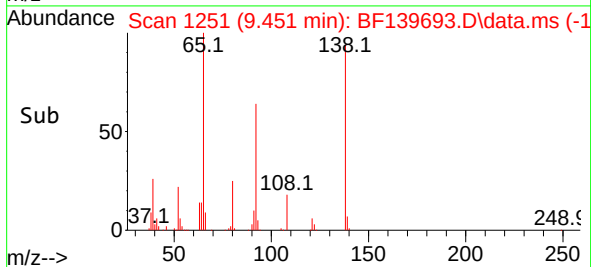
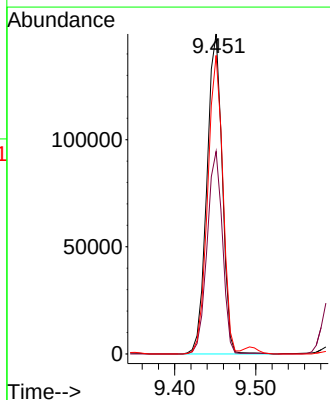
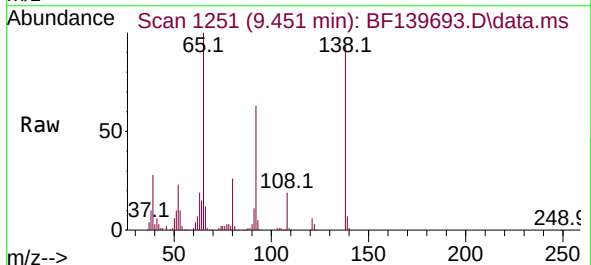
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

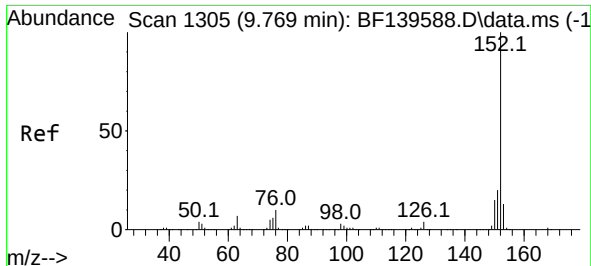
Tgt Ion:162 Resp: 503080
Ion Ratio Lower Upper
162 100
127 42.7 35.0 52.4
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 51.029 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

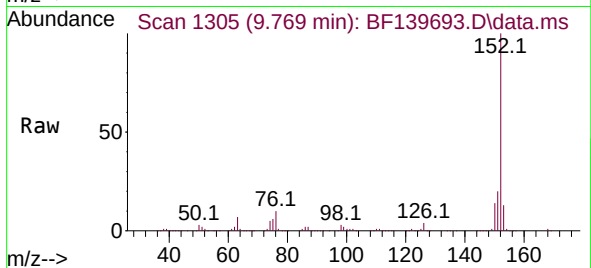
Tgt Ion: 65 Resp: 195922
Ion Ratio Lower Upper
65 100
92 63.3 50.0 75.0
138 93.3 73.8 110.8



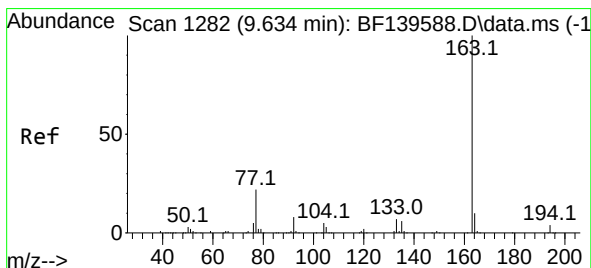
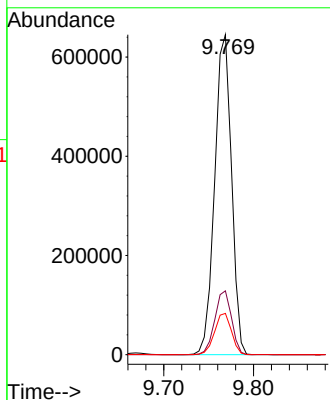
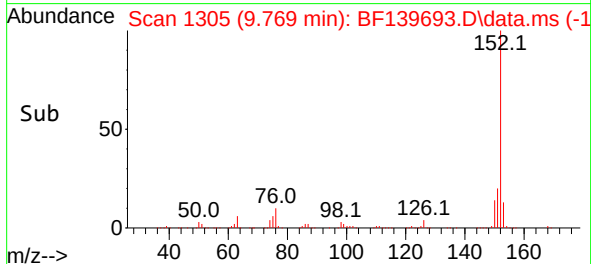


#49
Acenaphthylene
Concen: 51.651 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

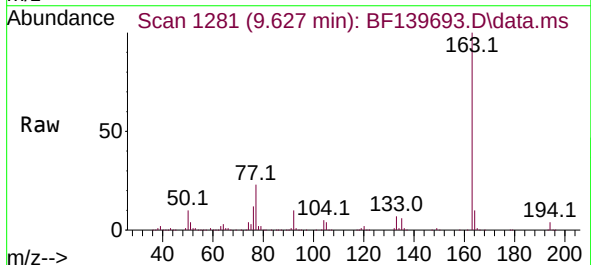
Instrument :
BNA_F
ClientSampleId :
IB-4MSD



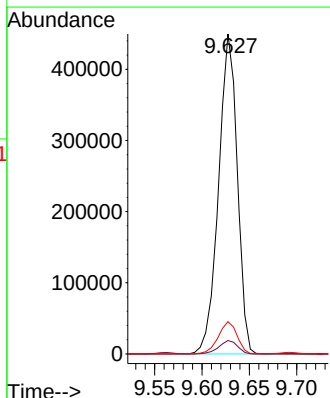
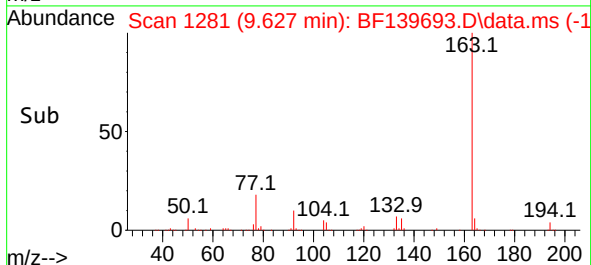
Tgt Ion:152 Resp: 840132
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 12.9 10.5 15.7

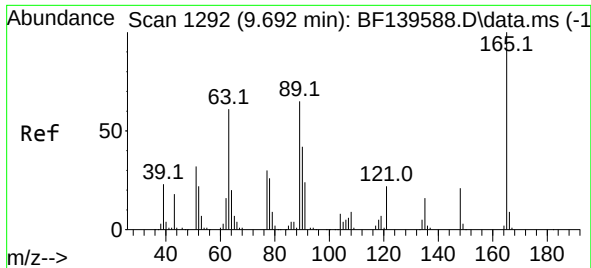


#50
Dimethylphthalate
Concen: 49.379 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28



Tgt Ion:163 Resp: 620042
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.1 12.1

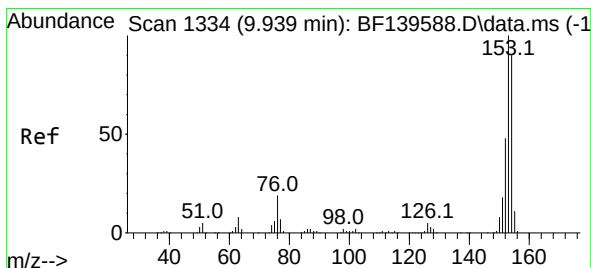
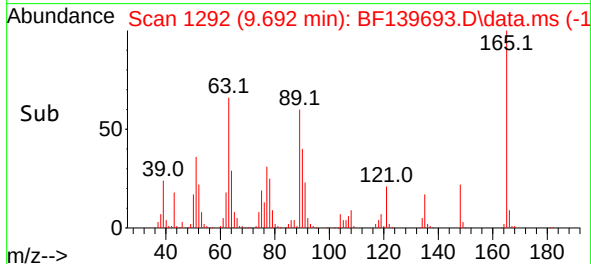
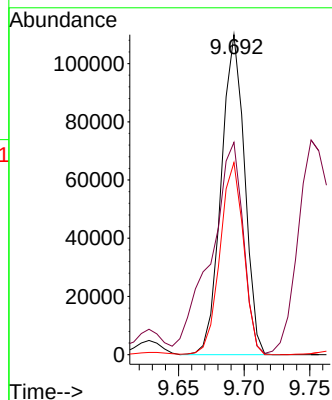
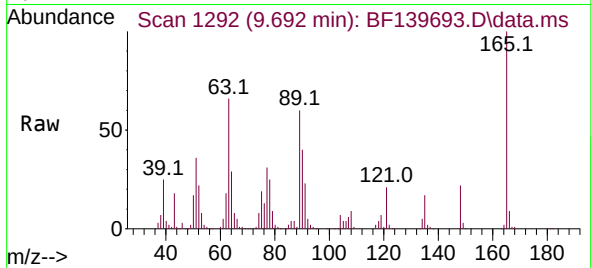




#51
2,6-Dinitrotoluene
Concen: 47.987 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

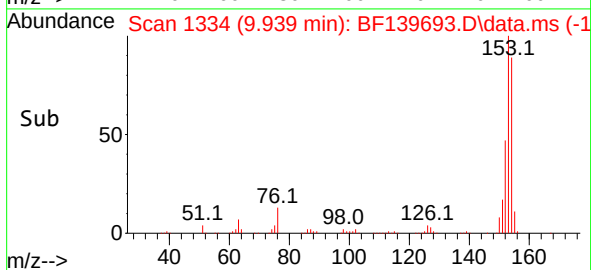
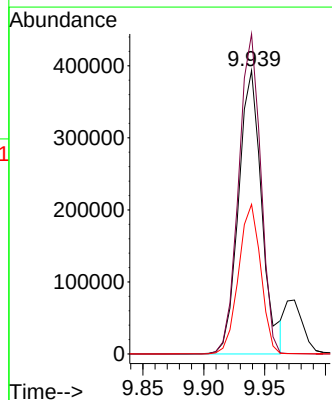
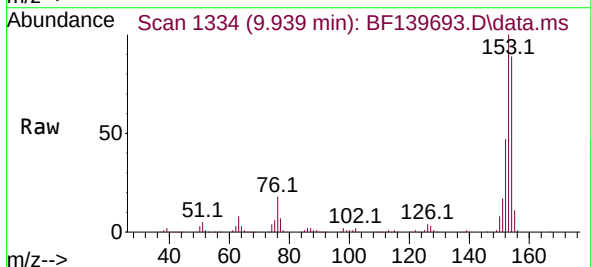
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

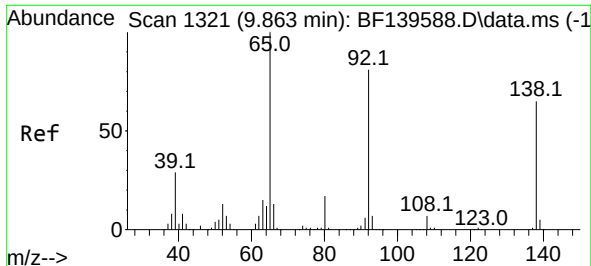
Tgt Ion:165 Resp: 136116
Ion Ratio Lower Upper
165 100
63 66.3 56.7 85.1
89 60.0 51.6 77.4



#52
Acenaphthene
Concen: 46.826 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:154 Resp: 522875
Ion Ratio Lower Upper
154 100
153 112.9 88.8 133.2
152 52.8 42.5 63.7

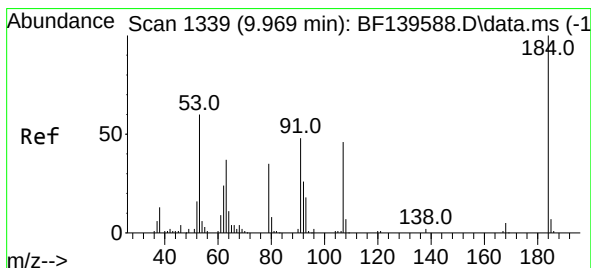
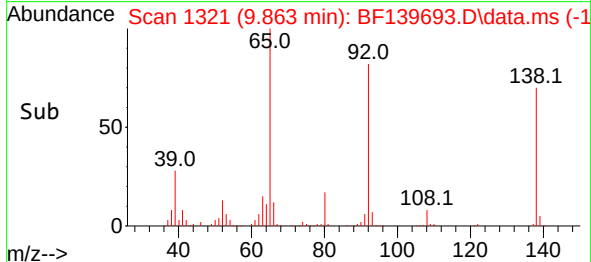
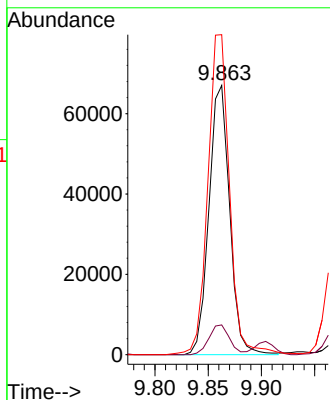
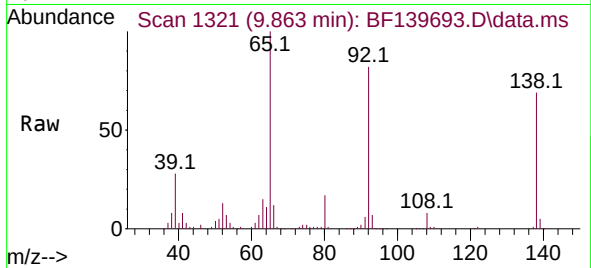




#53
3-Nitroaniline
Concen: 31.275 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

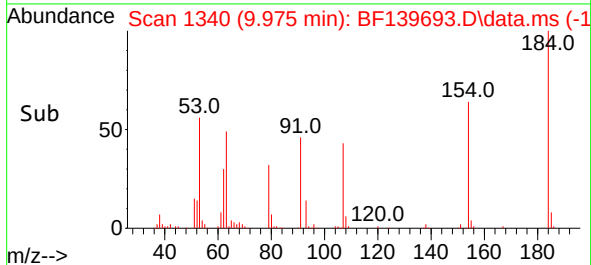
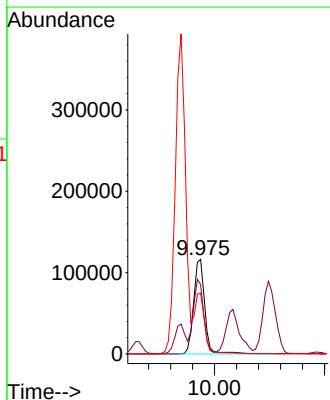
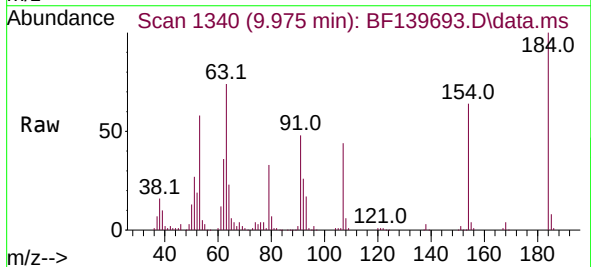
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

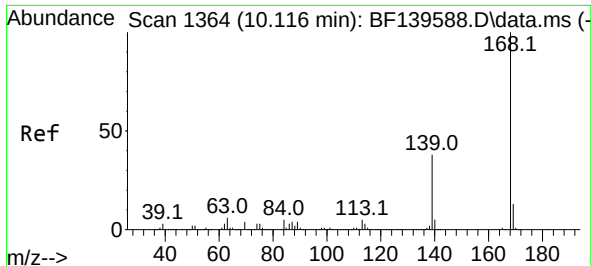
Tgt Ion:138 Resp: 90658
Ion Ratio Lower Upper
138 100
108 11.1 8.8 13.2
92 118.8 100.0 150.0



#54
2,4-Dinitrophenol
Concen: 107.595 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:184 Resp: 164155
Ion Ratio Lower Upper
184 100
63 73.7 61.7 92.5
154 64.4 53.0 79.4

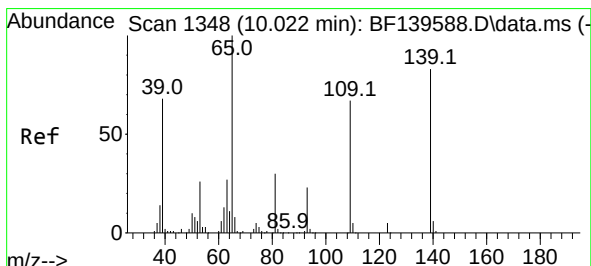
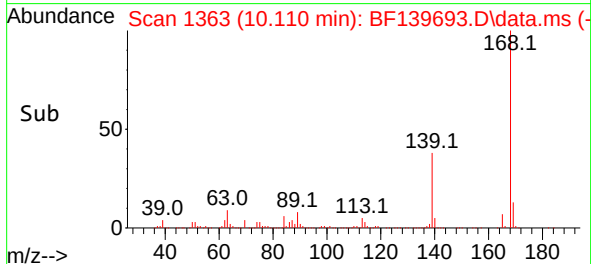
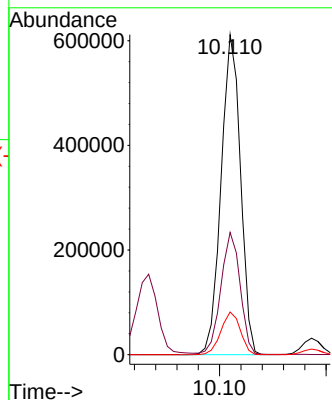
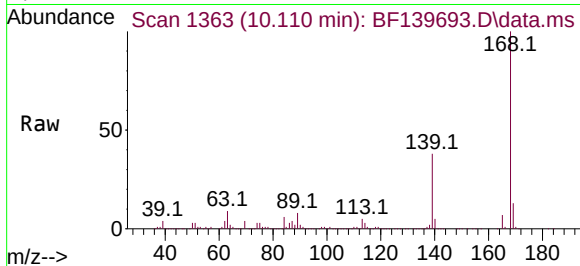




#55
Dibenzofuran
Concen: 49.307 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

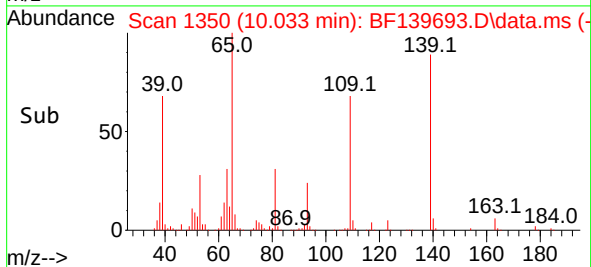
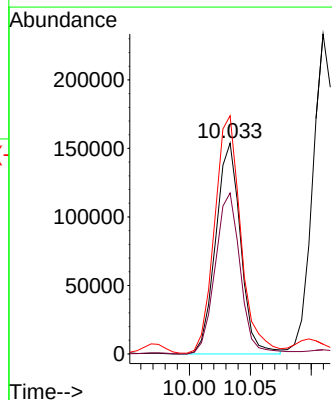
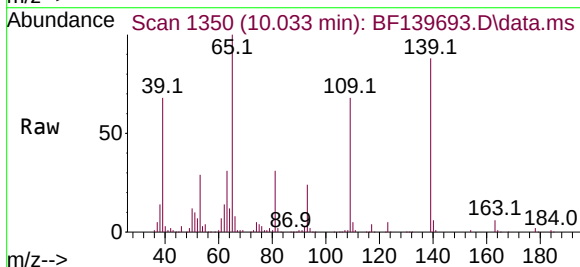
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

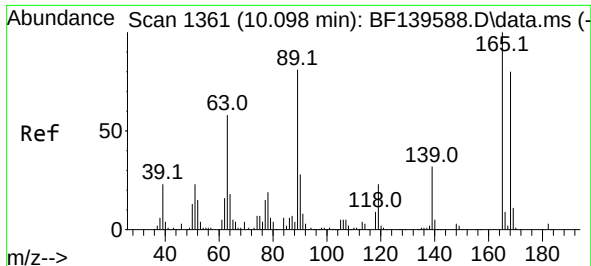
Tgt Ion:168 Resp: 770885
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 99.037 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:139 Resp: 218922
Ion Ratio Lower Upper
139 100
109 76.4 60.3 100.3
65 113.0 100.8 140.8

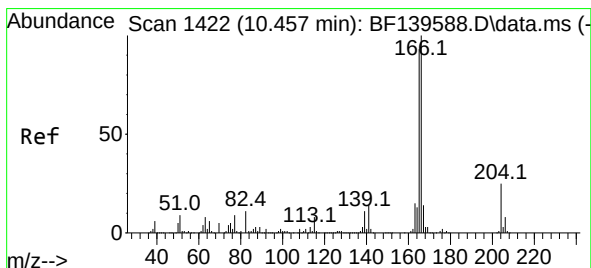
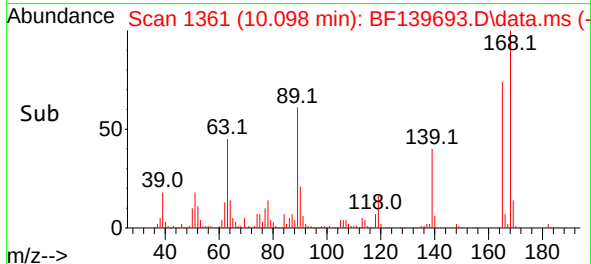
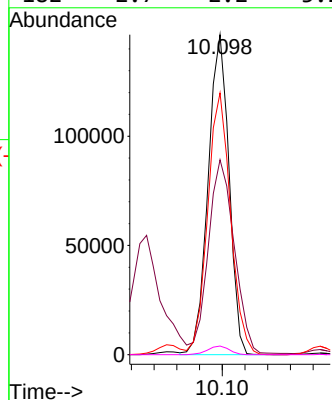
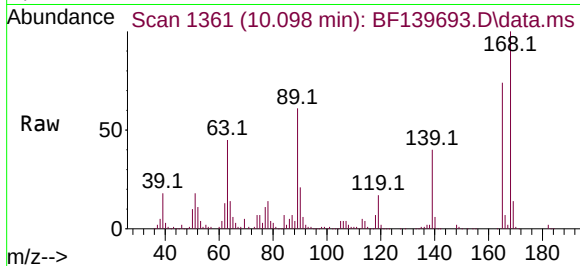




#57
2,4-Dinitrotoluene
Concen: 50.361 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

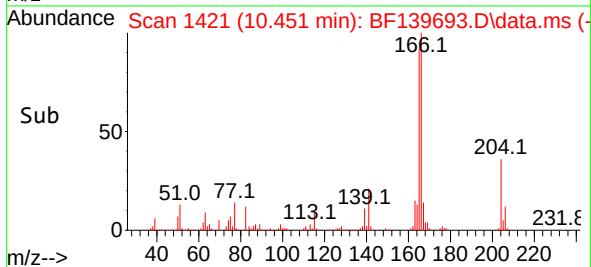
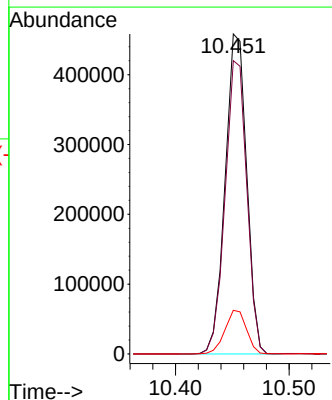
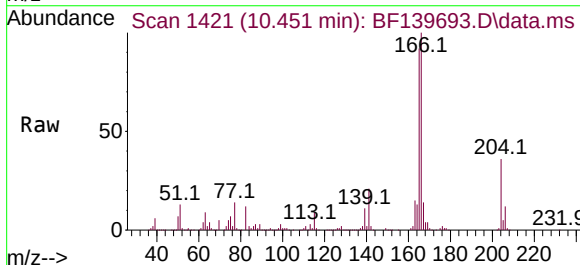
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

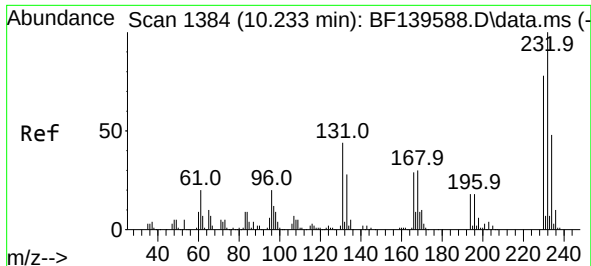
Tgt Ion:	165	Resp:	186724
Ion	Ratio	Lower	Upper
165	100		
63	60.9	46.9	70.3
89	81.8	64.4	96.6
182	2.7	2.2	3.2



#58
Fluorene
Concen: 48.467 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:	166	Resp:	603541
Ion	Ratio	Lower	Upper
166	100		
165	91.7	74.4	111.6
167	13.6	10.9	16.3

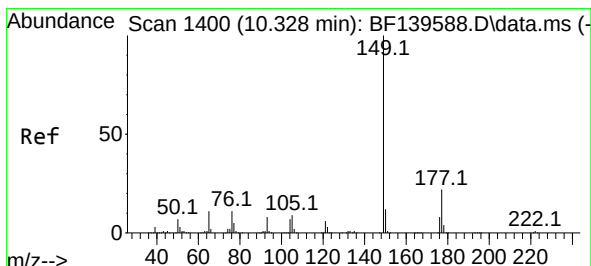
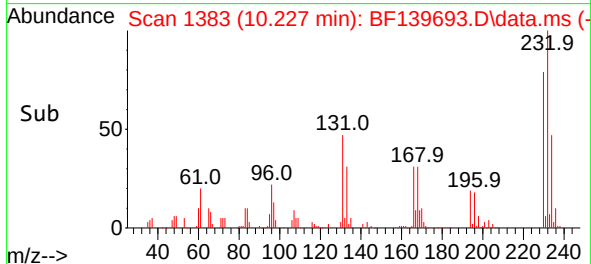
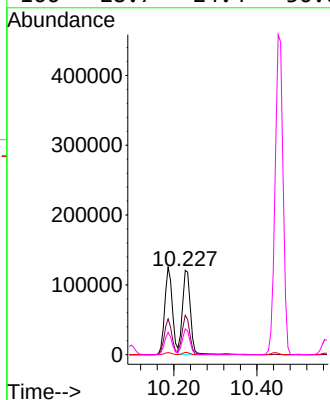
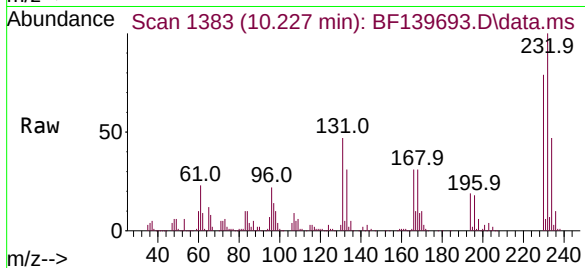




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.611 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

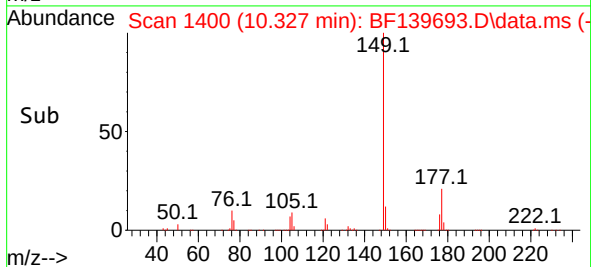
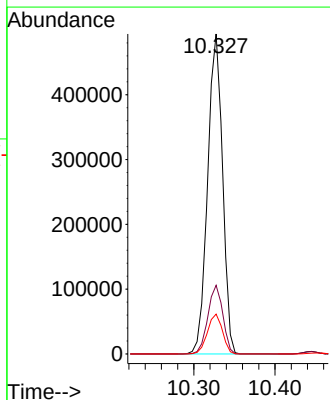
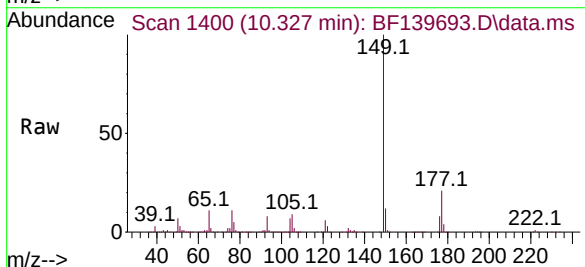
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

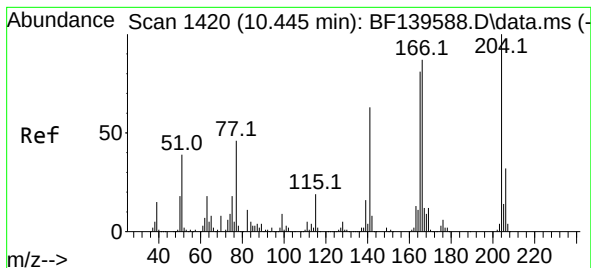
Tgt Ion:232 Resp: 161422
Ion Ratio Lower Upper
232 100
131 44.6 37.8 56.6
130 2.4 1.9 2.9
166 28.7 24.4 36.6



#60
Diethylphthalate
Concen: 48.371 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:149 Resp: 627365
Ion Ratio Lower Upper
149 100
177 21.5 17.4 26.0
150 12.5 10.0 15.0

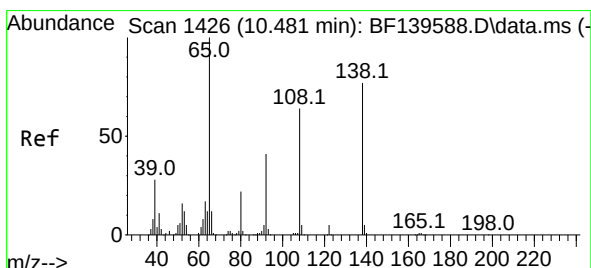
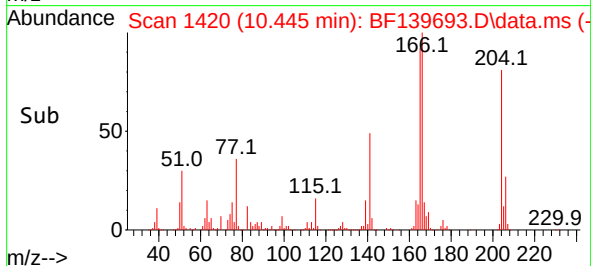
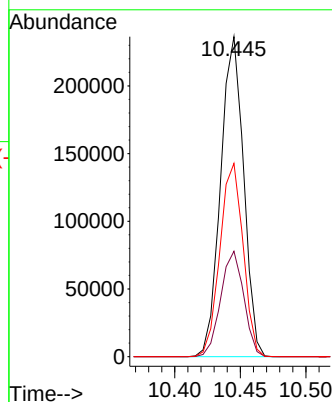
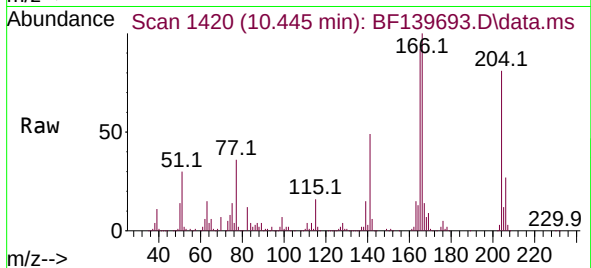




#61
4-Chlorophenyl-phenylether
Concen: 46.212 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

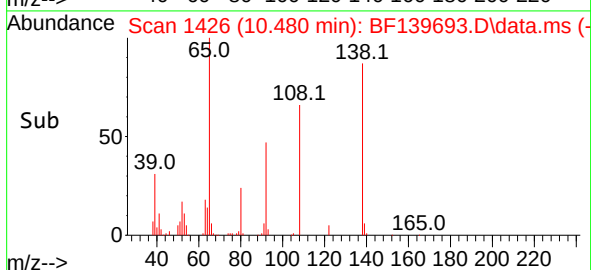
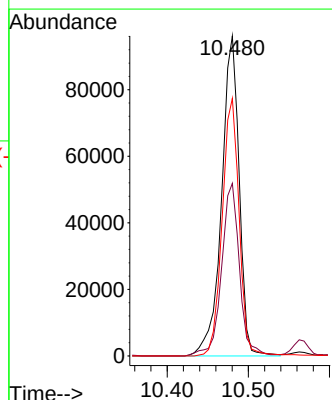
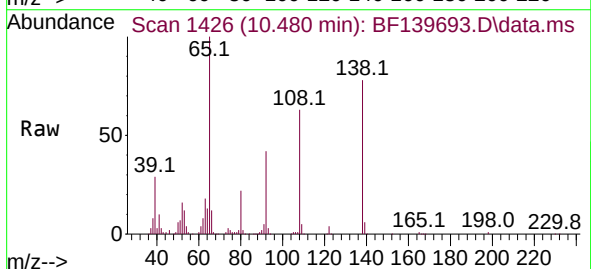
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

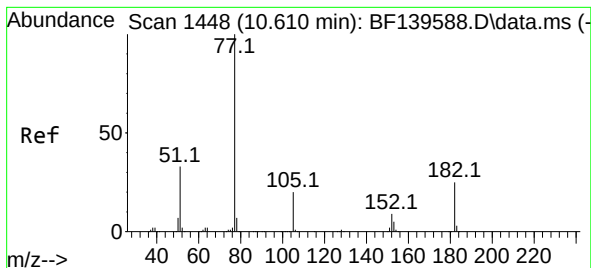
Tgt Ion:204 Resp: 287898
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 60.4 50.5 75.7



#62
4-Nitroaniline
Concen: 49.022 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:138 Resp: 145352
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 80.5 62.1 102.1





#63

Azobenzene

Concen: 56.991 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

Tgt Ion: 77 Resp: 743341

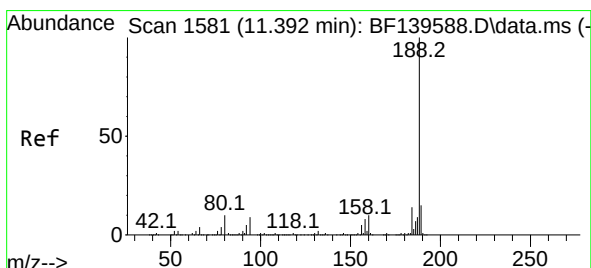
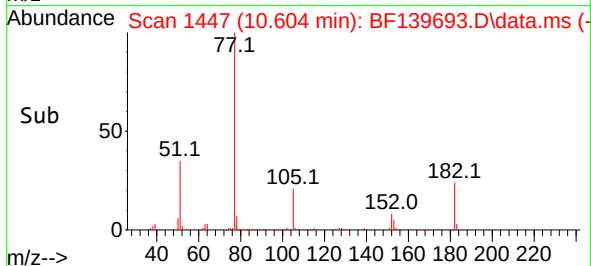
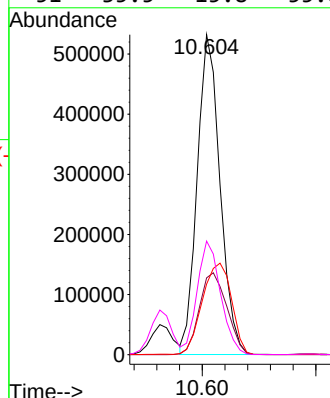
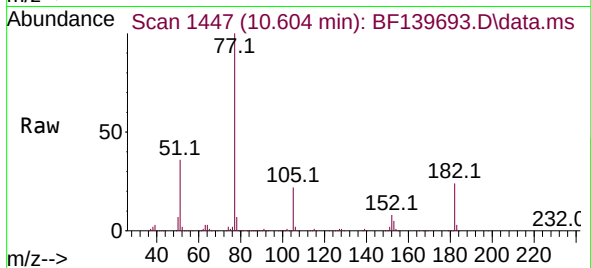
Ion Ratio Lower Upper

77 100

182 24.0 4.2 44.2

105 22.1 0.0 39.6

51 35.5 15.8 55.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

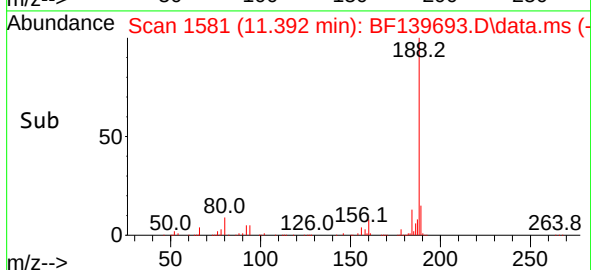
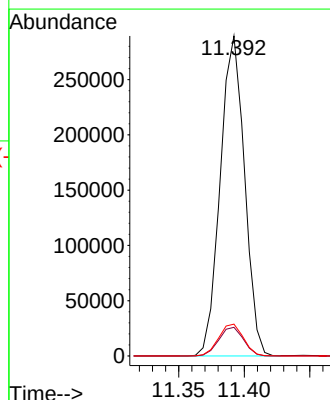
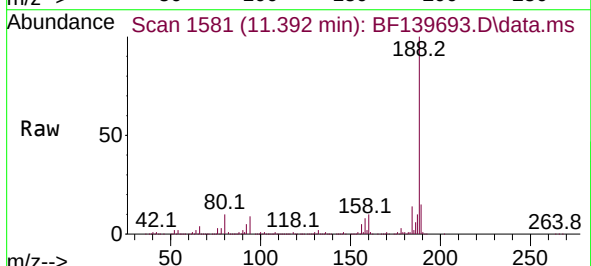
Tgt Ion: 188 Resp: 372990

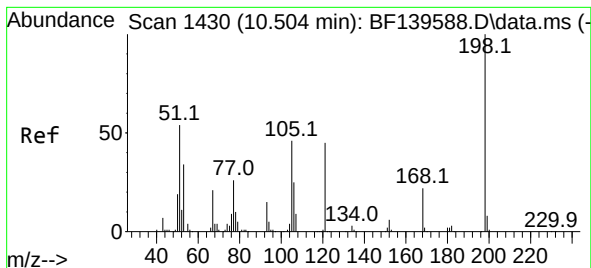
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.9 8.2 12.2

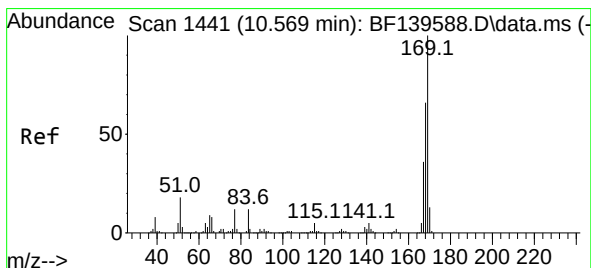
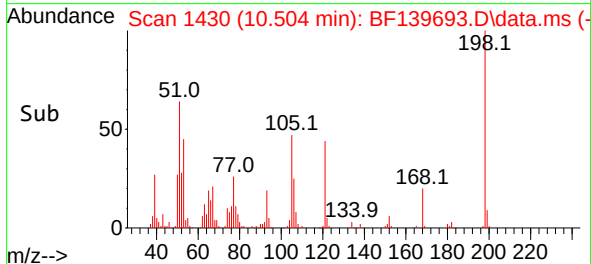
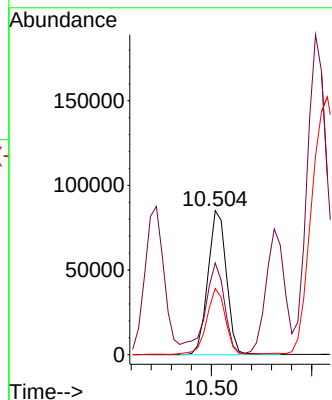
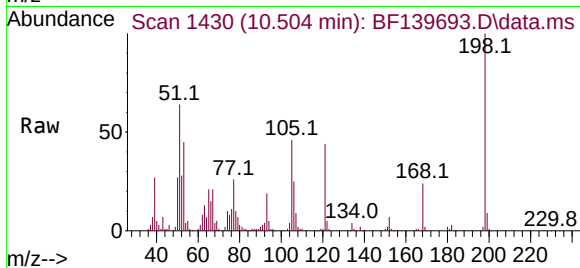




#65
4,6-Dinitro-2-methylphenol
Concen: 52.032 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

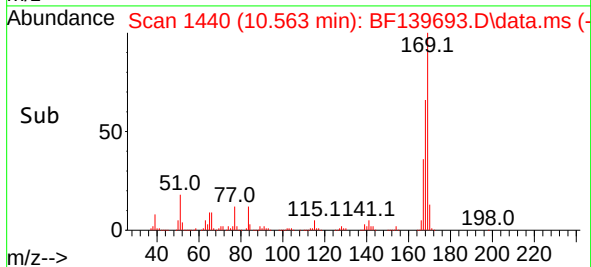
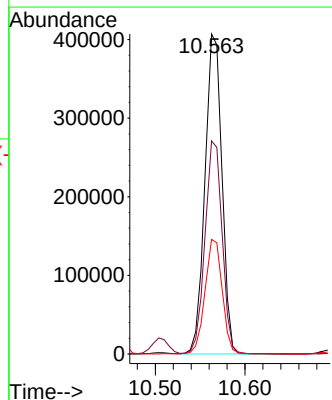
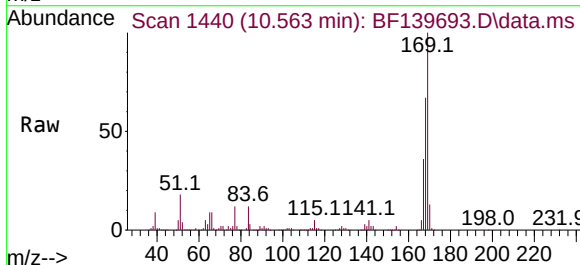
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

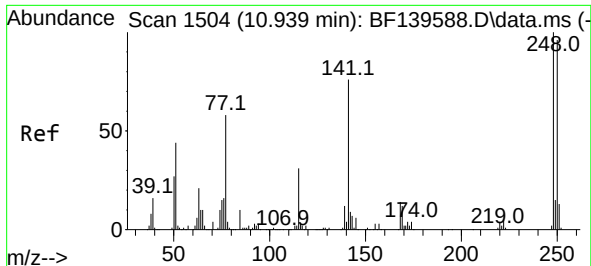
Tgt Ion:198 Resp: 109609
Ion Ratio Lower Upper
198 100
51 63.6 43.0 83.0
105 46.0 26.6 66.6



#66
n-Nitrosodiphenylamine
Concen: 48.604 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:169 Resp: 534376
Ion Ratio Lower Upper
169 100
168 66.6 53.2 79.8
167 35.8 28.6 43.0

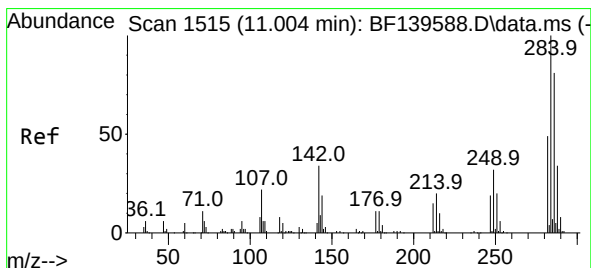
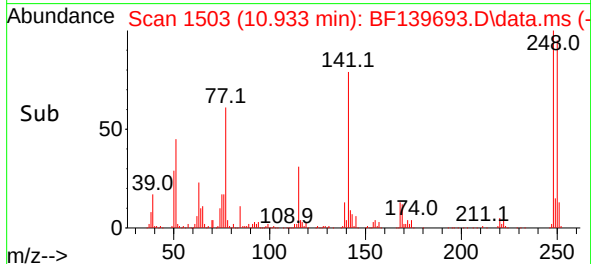
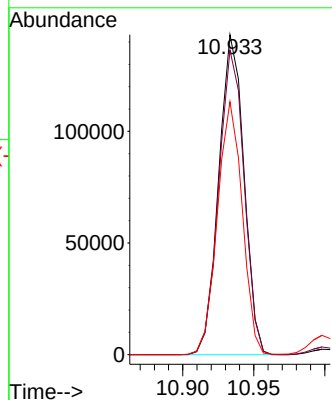
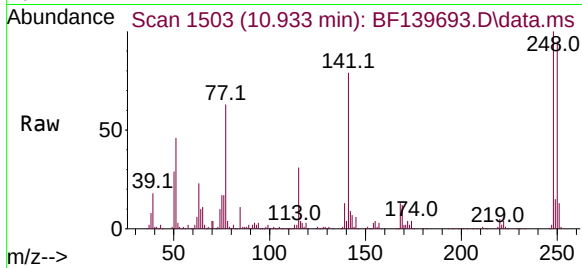




#67
4-Bromophenyl-phenylether
Concen: 46.185 ng
RT: 10.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

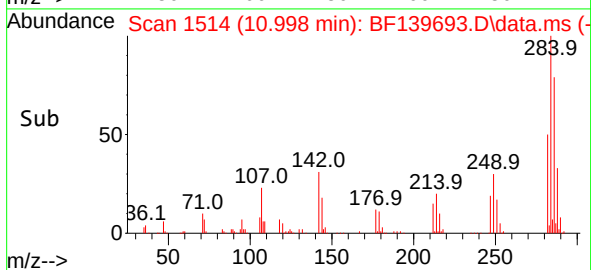
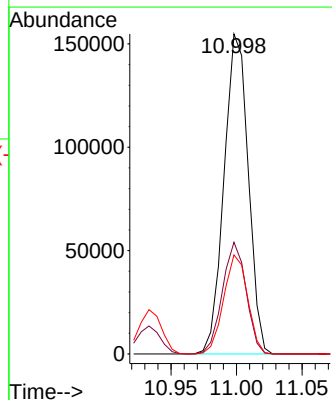
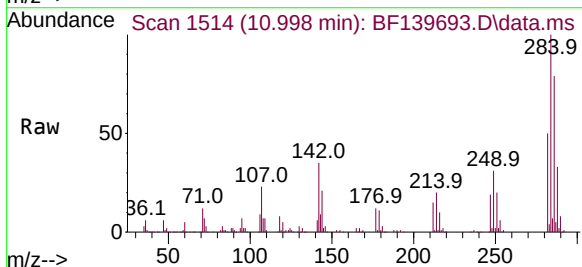
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

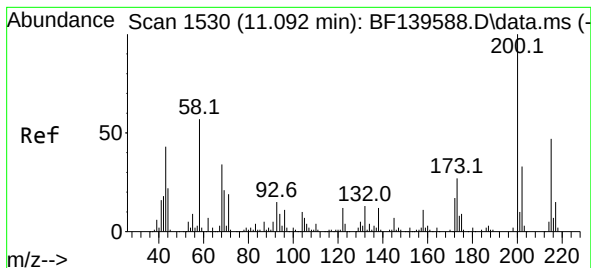
Tgt Ion:248 Resp: 176624
Ion Ratio Lower Upper
248 100
250 95.2 77.1 115.7
141 79.1 60.4 90.6



#68
Hexachlorobenzene
Concen: 46.863 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:284 Resp: 198868
Ion Ratio Lower Upper
284 100
142 34.9 26.9 40.3
249 30.9 25.4 38.0





#69

Atrazine

Concen: 59.316 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

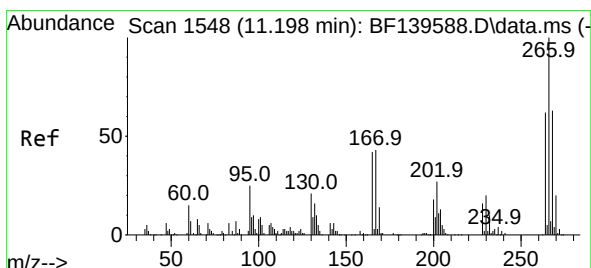
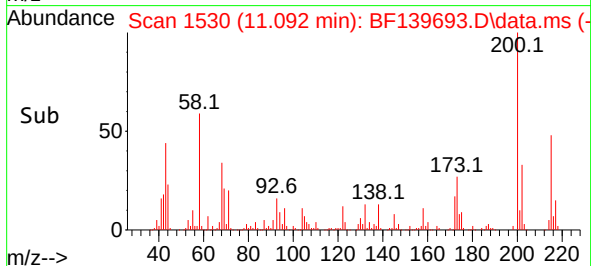
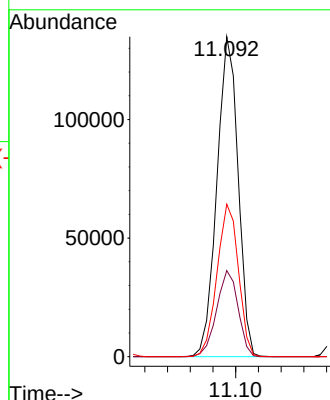
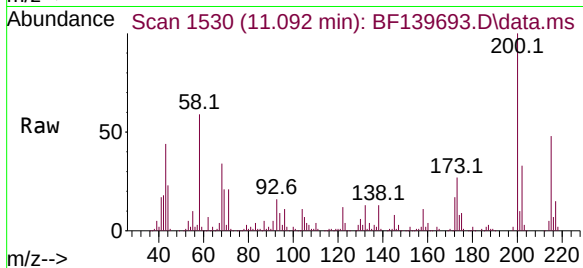
Tgt Ion:200 Resp: 174971

Ion Ratio Lower Upper

200 100

173 26.9 6.7 46.7

215 47.7 27.5 67.5



#70

Pentachlorophenol

Concen: 89.774 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

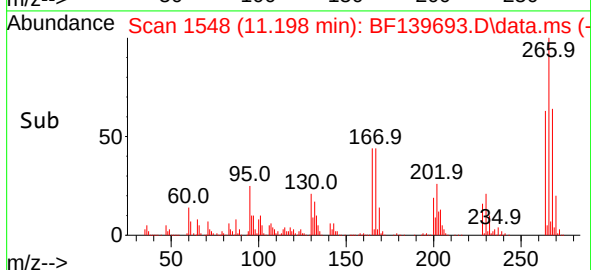
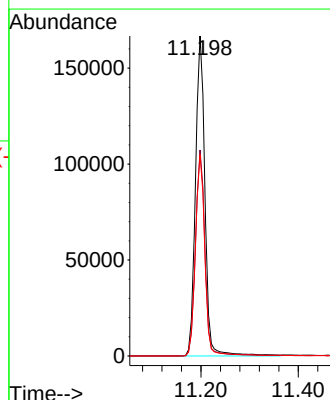
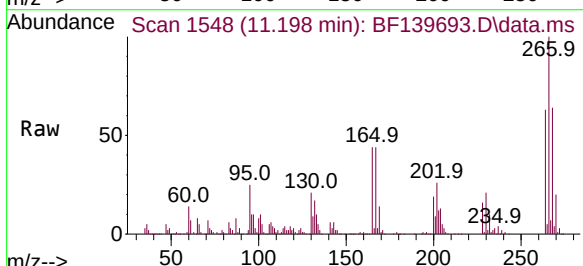
Tgt Ion:266 Resp: 226845

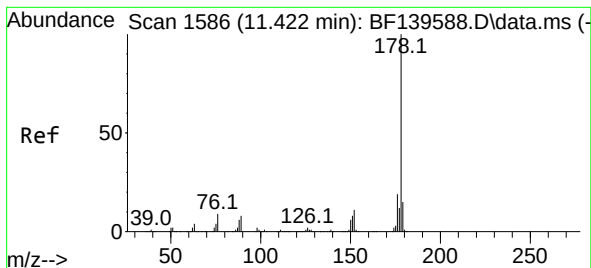
Ion Ratio Lower Upper

266 100

268 64.4 50.0 75.0

264 62.9 49.3 73.9





#71

Phenanthrene

Concen: 49.957 ng

RT: 11.416 min Scan# 1585

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

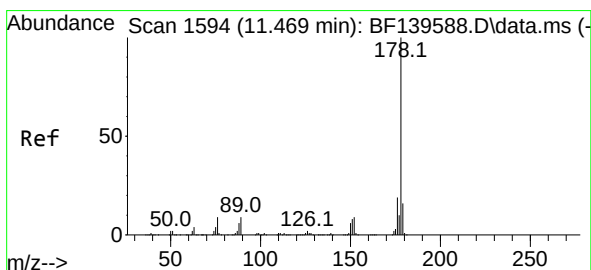
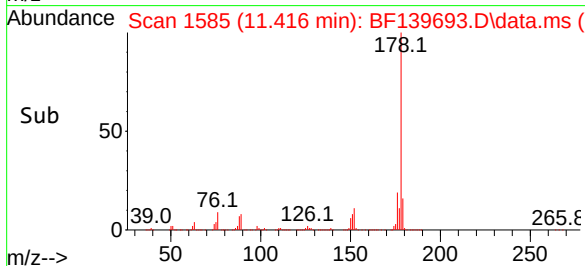
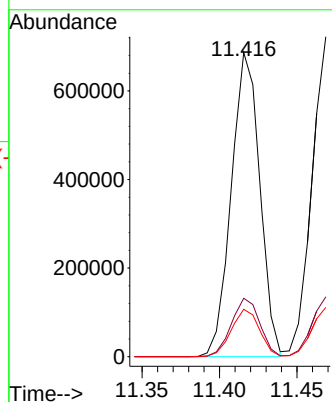
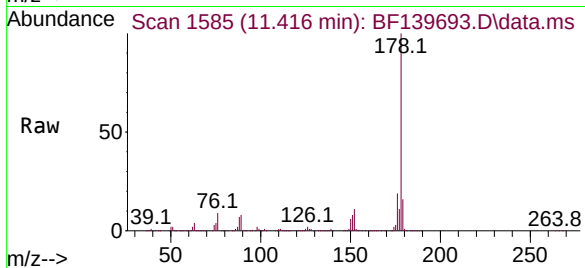
Tgt Ion:178 Resp: 878580

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.6 12.3 18.5



#72

Anthracene

Concen: 51.888 ng

RT: 11.469 min Scan# 1594

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

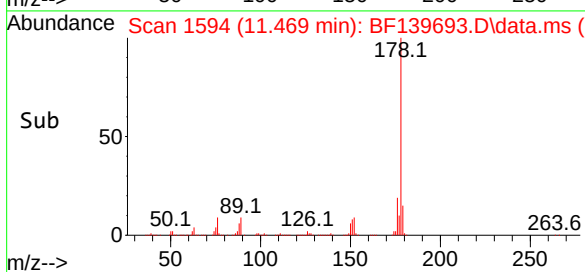
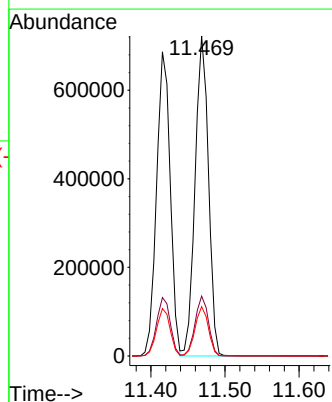
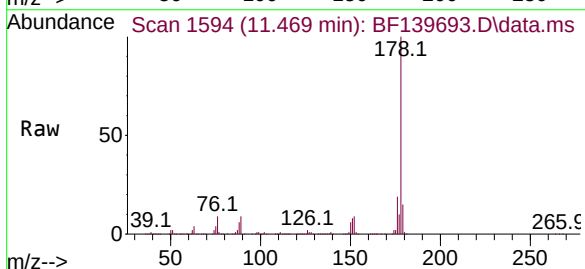
Tgt Ion:178 Resp: 902778

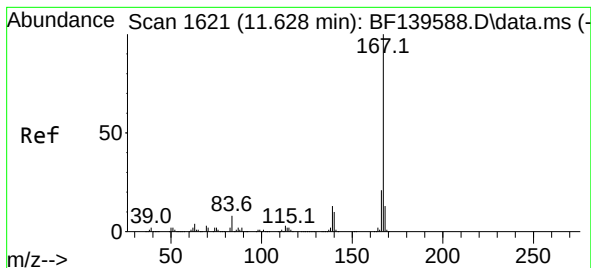
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.4 12.5 18.7





#73

Carbazole

Concen: 48.805 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

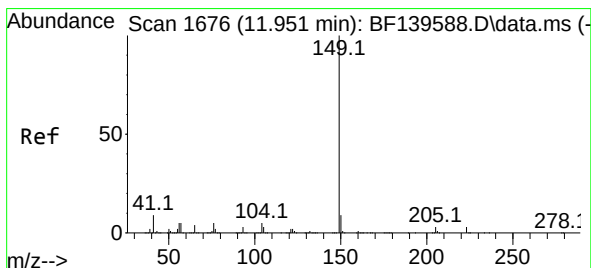
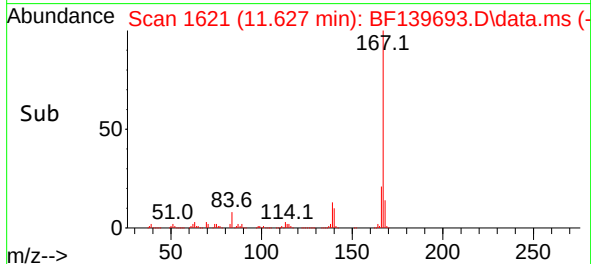
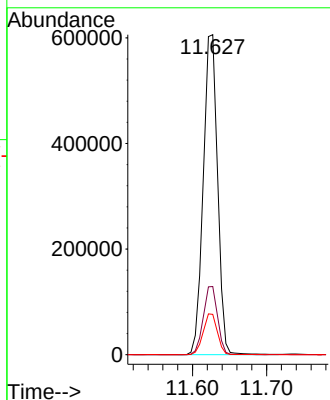
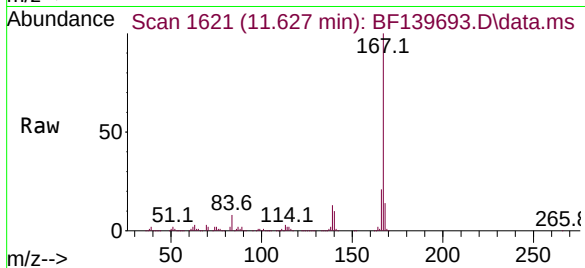
Tgt Ion:167 Resp: 815557

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 12.6 10.3 15.5



#74

Di-n-butylphthalate

Concen: 48.065 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

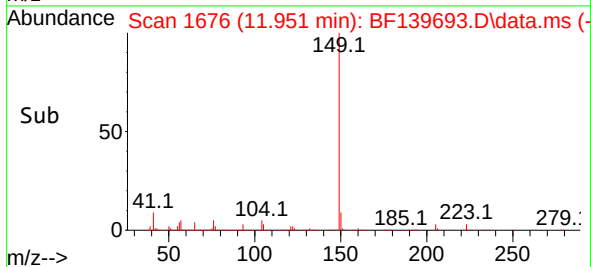
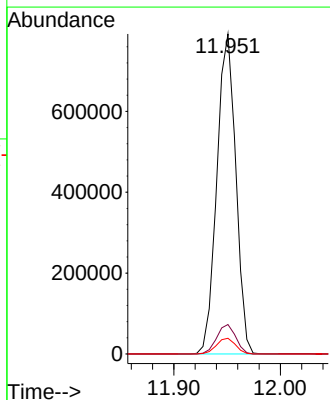
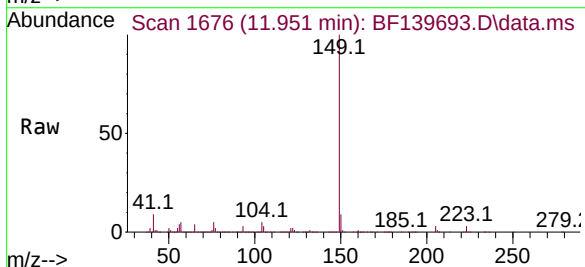
Tgt Ion:149 Resp: 976714

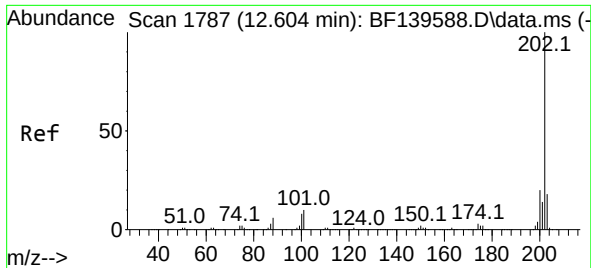
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.9 4.1 6.1

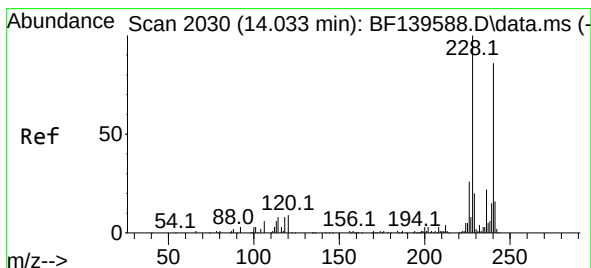
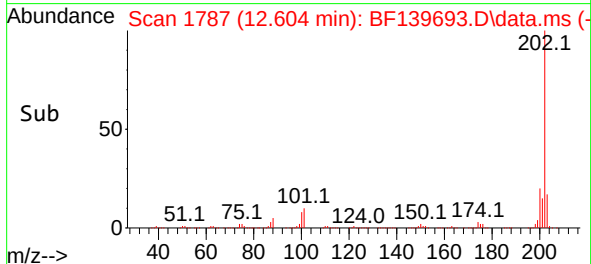
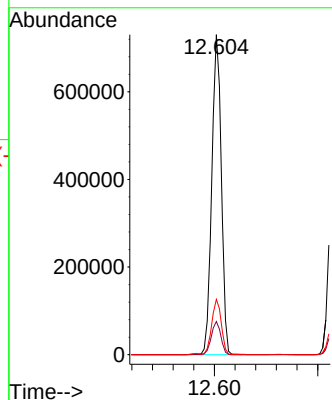
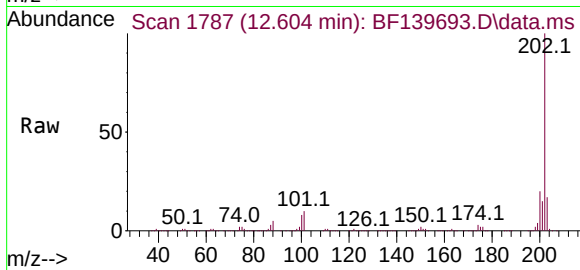




#75
Fluoranthene
Concen: 48.656 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

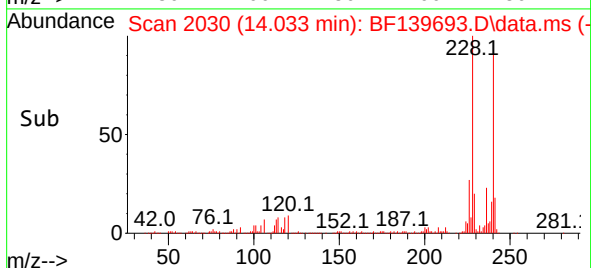
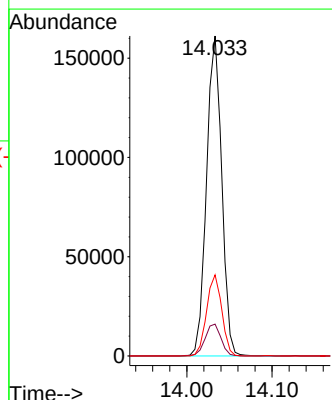
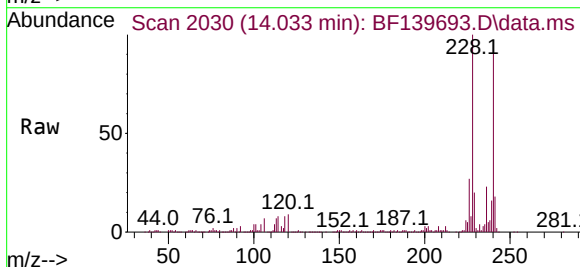
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

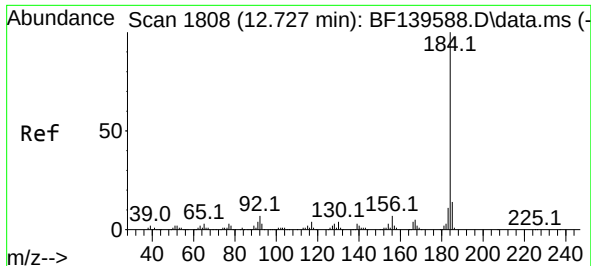
Tgt Ion:202 Resp: 935405
Ion Ratio Lower Upper
202 100
101 10.4 0.0 30.2
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:240 Resp: 199606
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.4 20.3 30.5

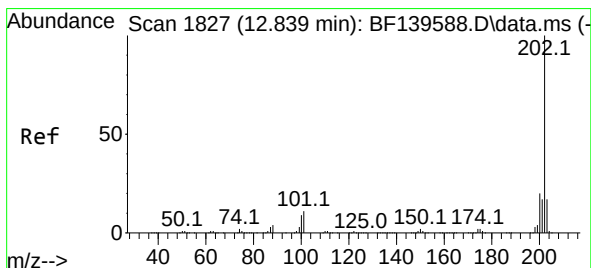
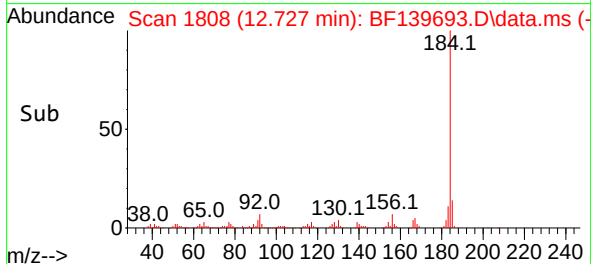
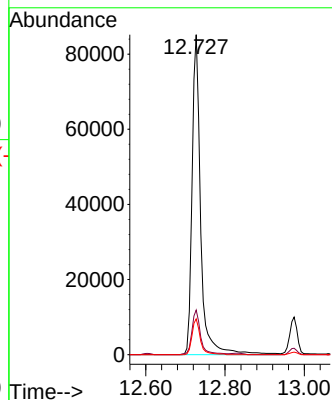
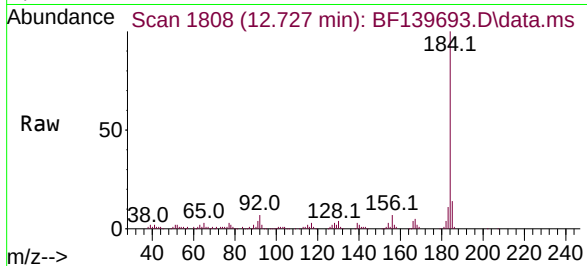




#77
Benzidine
Concen: 36.624 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

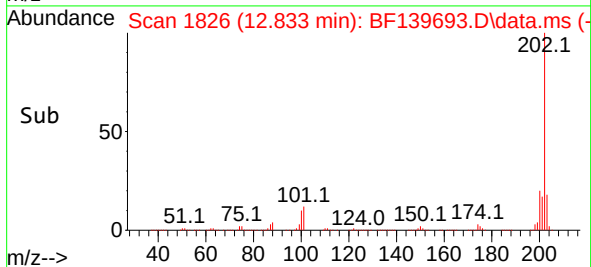
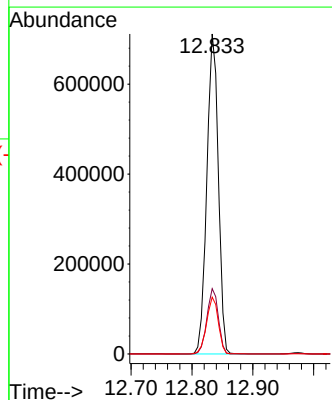
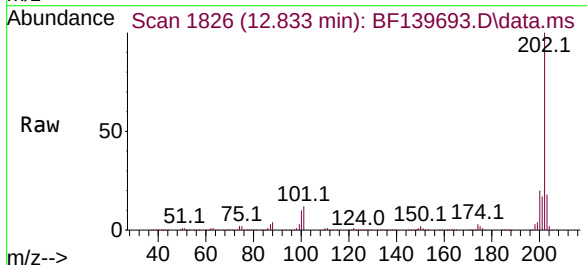
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

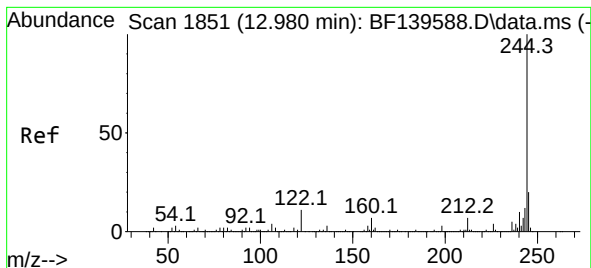
Tgt Ion:184 Resp: 128947
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.0
183 11.2 8.8 13.2



#78
Pyrene
Concen: 52.267 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:202 Resp: 933098
Ion Ratio Lower Upper
202 100
200 20.4 15.8 23.6
203 17.7 13.8 20.8





#79

Terphenyl-d14

Concen: 77.691 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

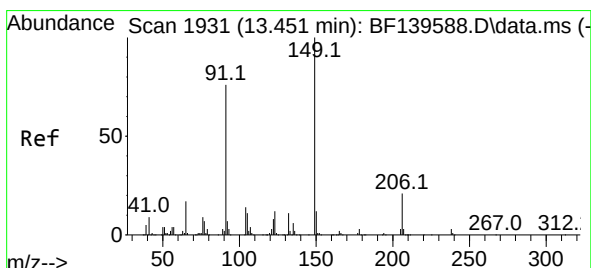
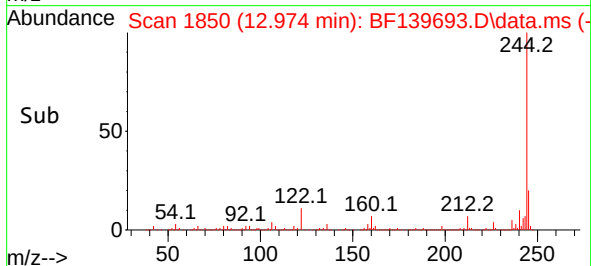
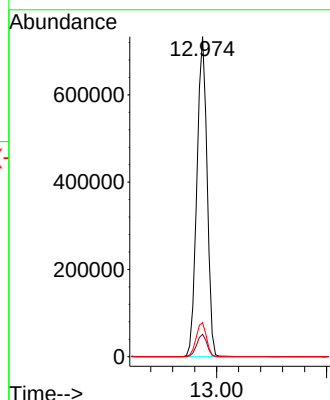
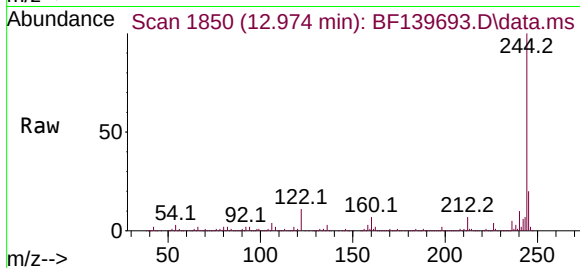
Tgt Ion:244 Resp: 945104

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 10.6 8.6 12.8



#80

Butylbenzylphthalate

Concen: 54.553 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

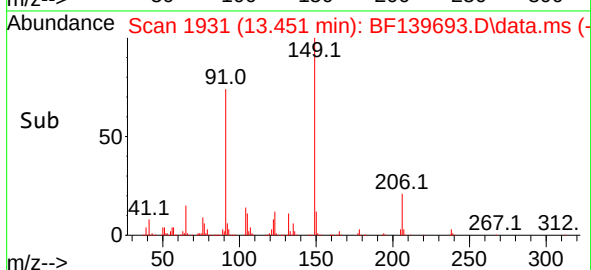
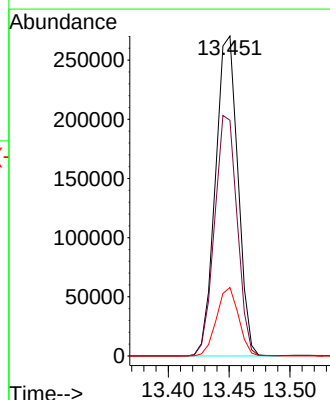
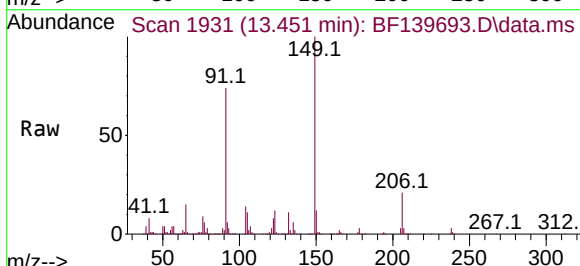
Tgt Ion:149 Resp: 348360

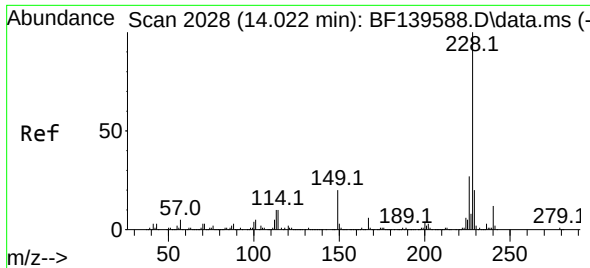
Ion Ratio Lower Upper

149 100

91 73.6 61.0 91.4

206 21.4 16.6 24.8

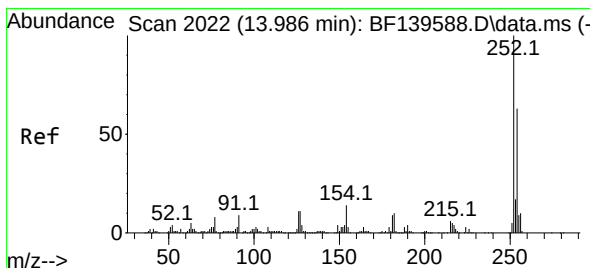
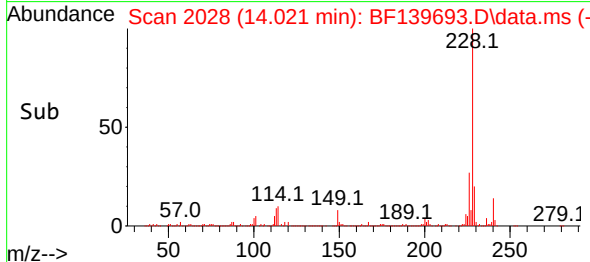
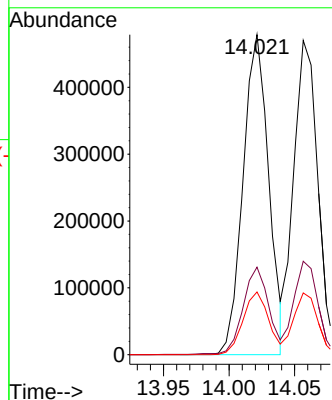
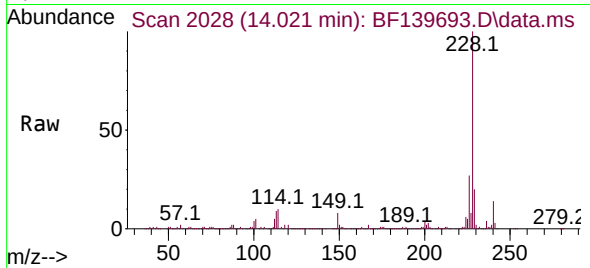




#81
Benzo(a)anthracene
Concen: 49.652 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

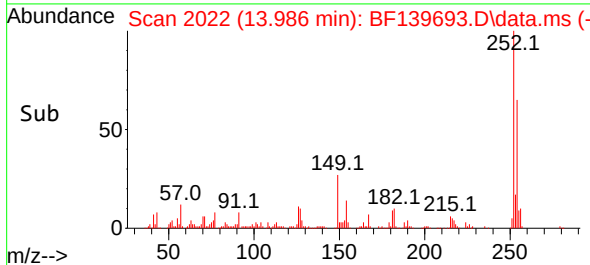
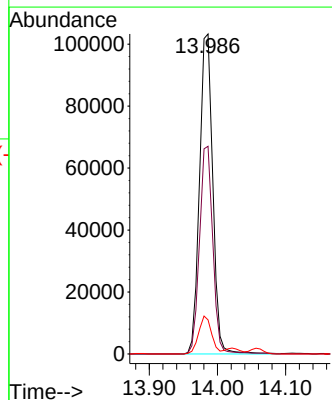
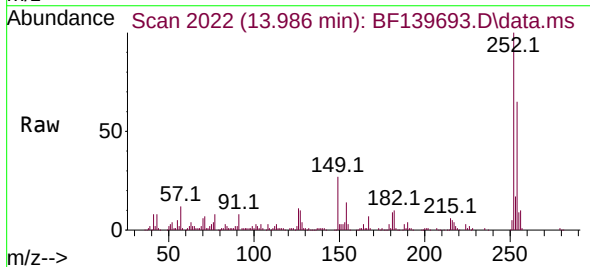
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

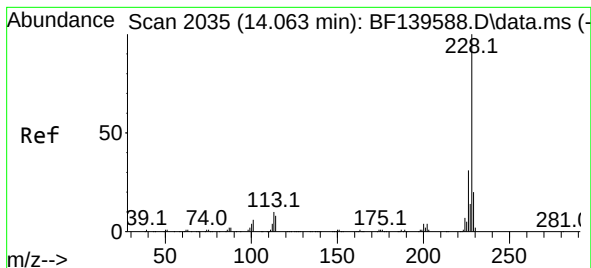
Tgt Ion:228 Resp: 651594
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 34.707 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:252 Resp: 139395
Ion Ratio Lower Upper
252 100
254 64.9 50.5 75.7
126 10.6 8.8 13.2





#83

Chrysene

Concen: 50.031 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

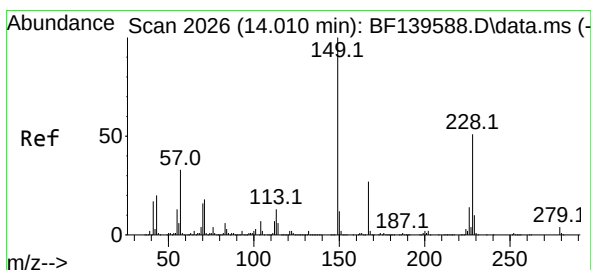
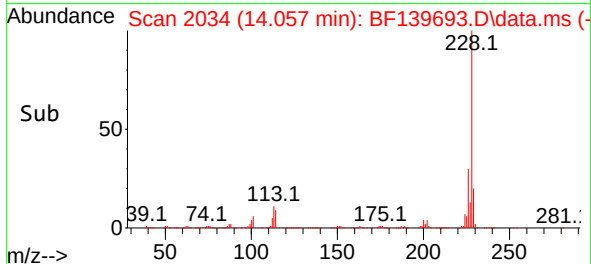
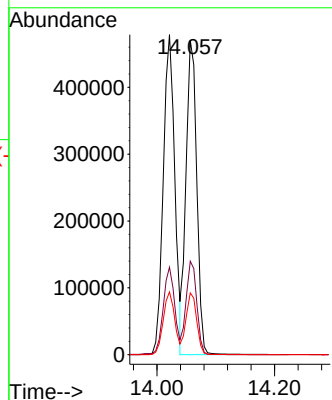
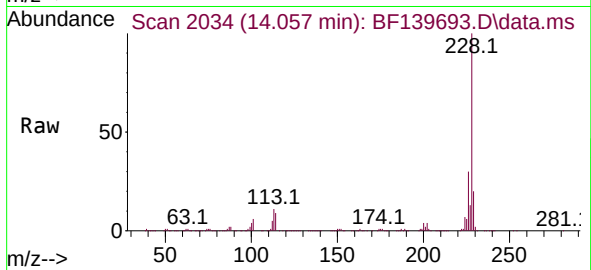
Tgt Ion:228 Resp: 600279

Ion Ratio Lower Upper

228 100

226 29.7 24.3 36.5

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.926 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

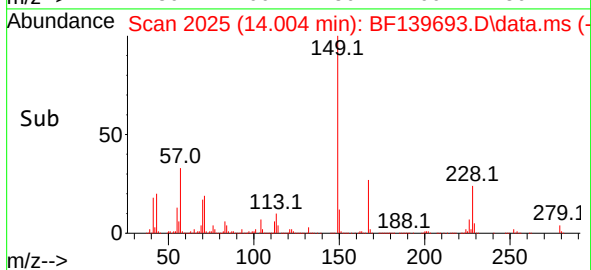
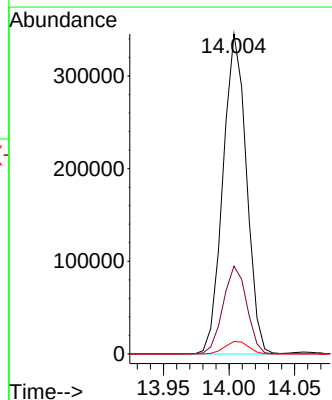
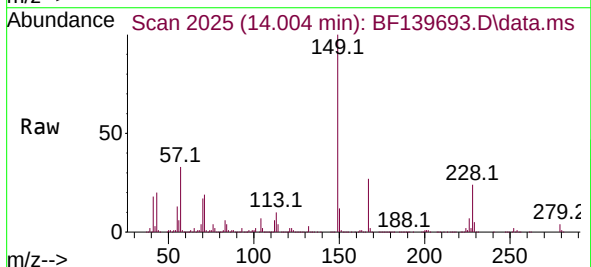
Tgt Ion:149 Resp: 429997

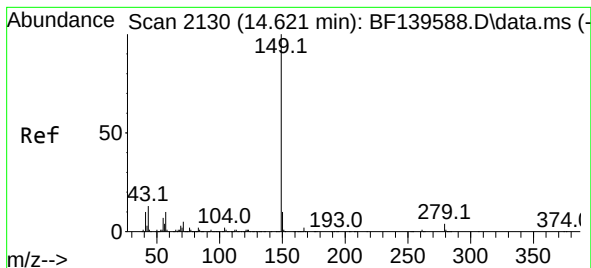
Ion Ratio Lower Upper

149 100

167 27.5 21.7 32.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 52.381 ng

RT: 14.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

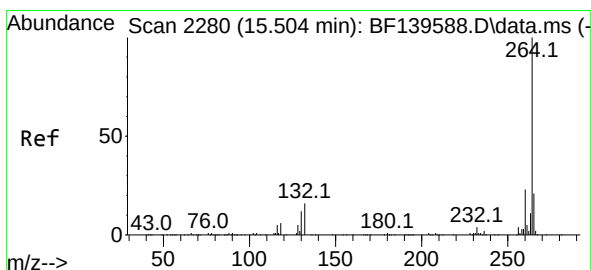
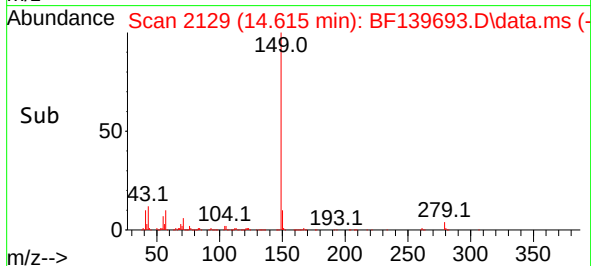
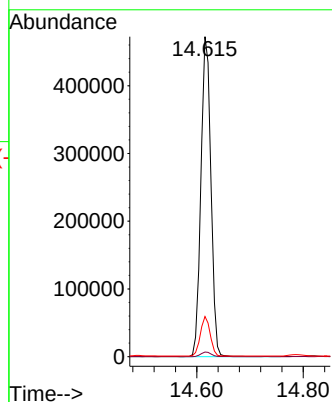
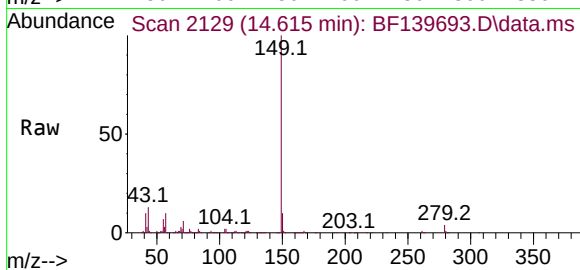
Tgt Ion:149 Resp: 613617

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.2 10.2 15.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

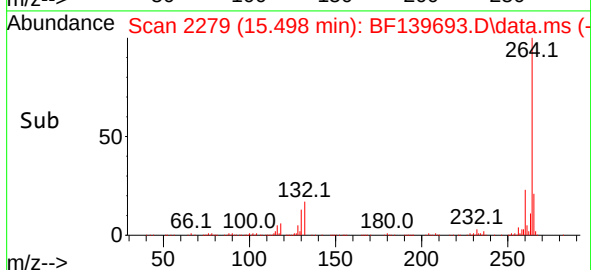
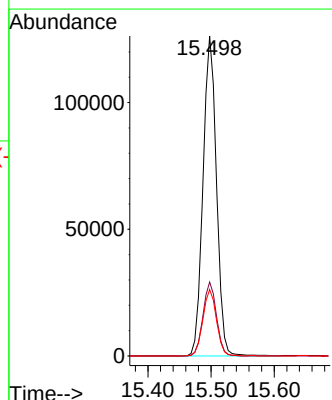
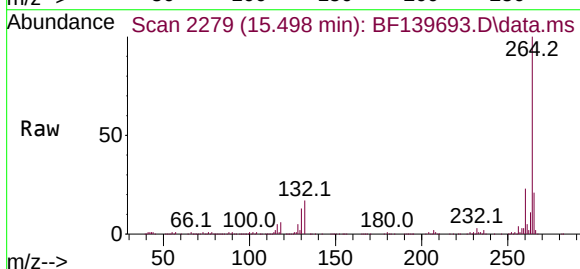
Tgt Ion:264 Resp: 186804

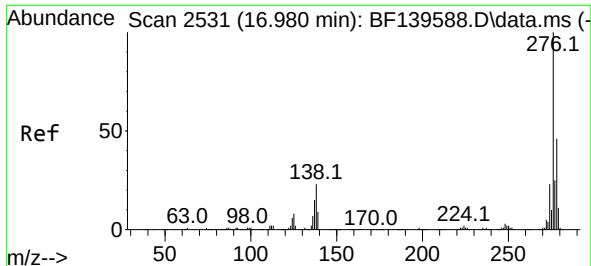
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 20.7 16.9 25.3

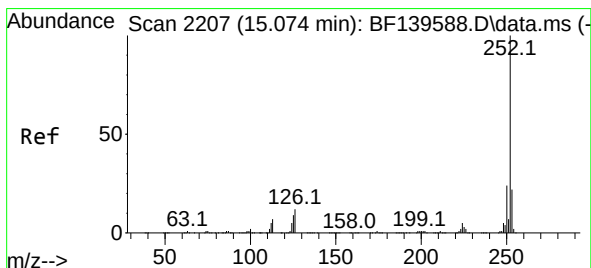
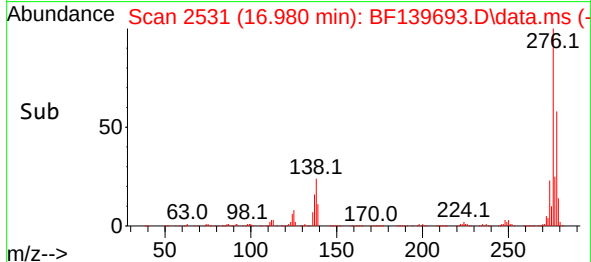
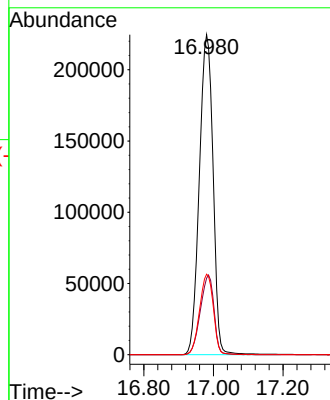
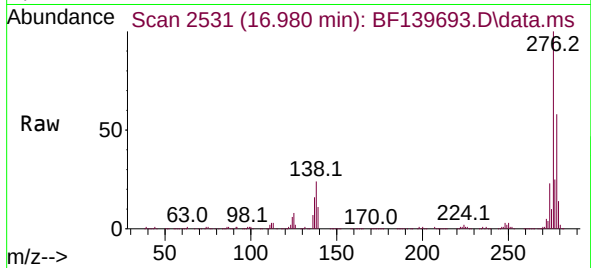




#87
Indeno(1,2,3-cd)pyrene
Concen: 55.886 ng
RT: 16.980 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

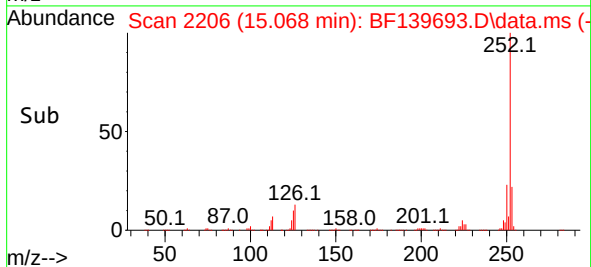
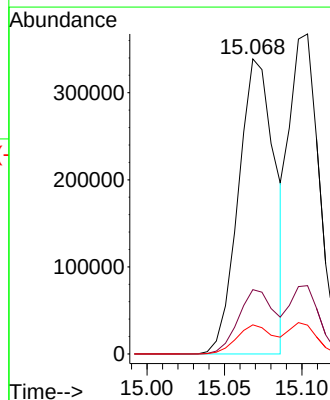
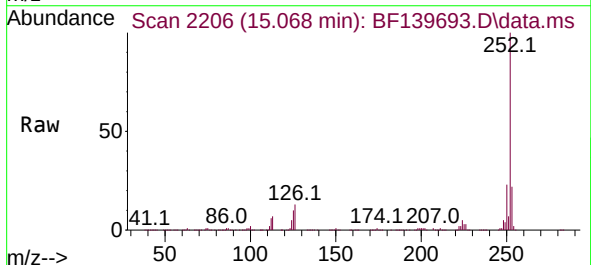
Instrument :
BNA_F
ClientSampleId :
IB-4MSD

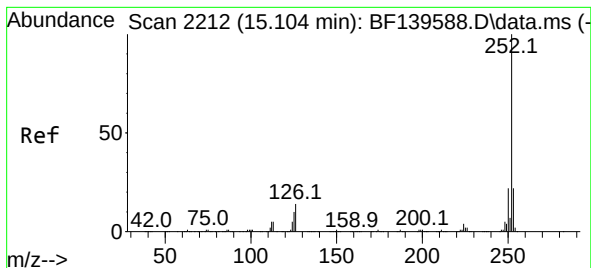
Tgt Ion:276 Resp: 614462
Ion Ratio Lower Upper
276 100
138 24.7 19.4 29.0
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 45.902 ng
RT: 15.068 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BF139693.D
Acq: 07 Oct 2024 18:28

Tgt Ion:252 Resp: 554425
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 9.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.719 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

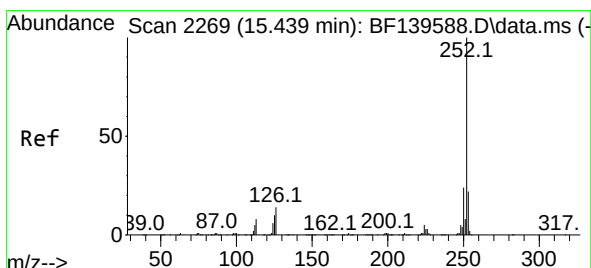
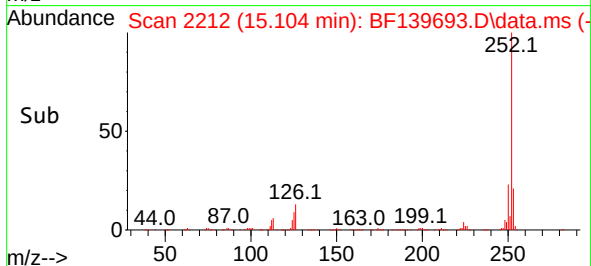
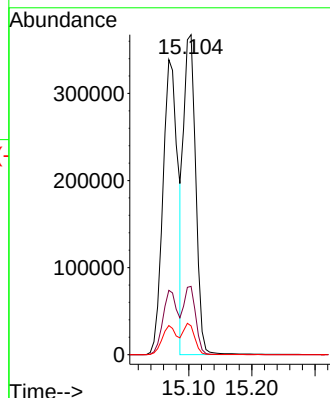
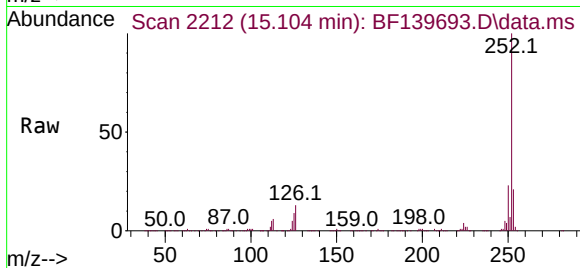
Tgt Ion:252 Resp: 488919

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.0 7.6 11.4



#90

Benzo(a)pyrene

Concen: 52.516 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

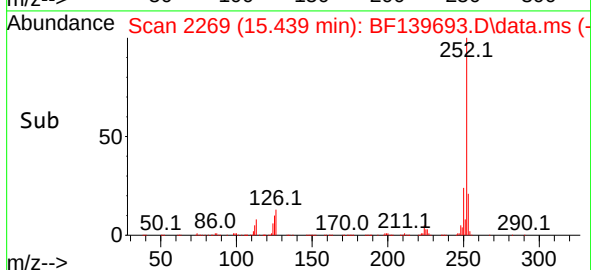
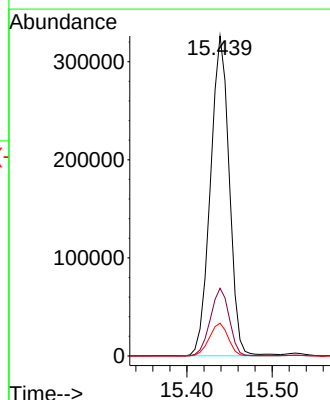
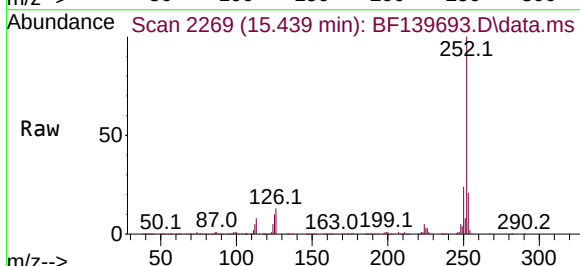
Tgt Ion:252 Resp: 500149

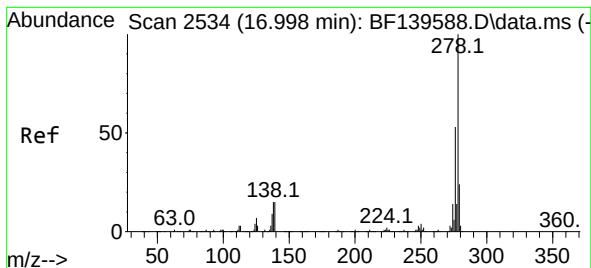
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 10.2 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 54.785 ng

RT: 16.998 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Instrument :

BNA_F

ClientSampleId :

IB-4MSD

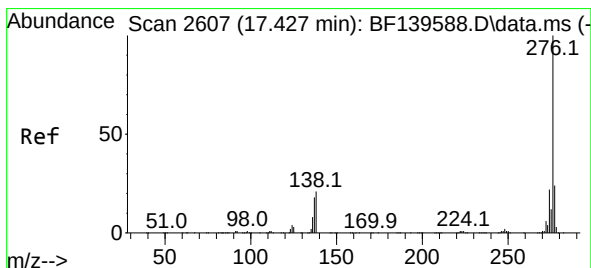
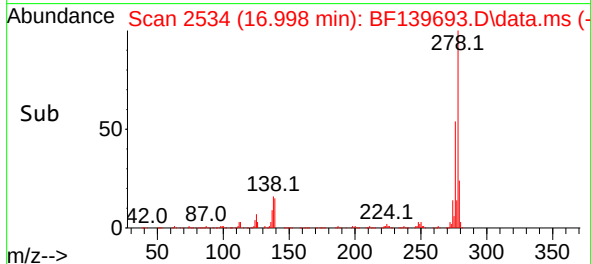
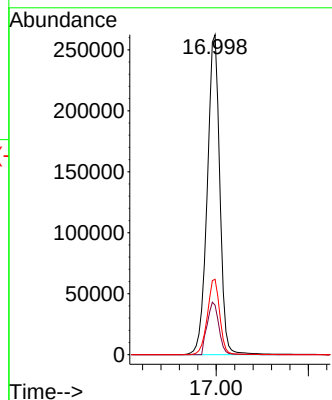
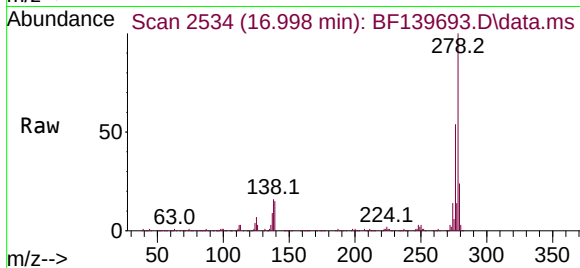
Tgt Ion:278 Resp: 499603

Ion Ratio Lower Upper

278 100

139 15.5 12.2 18.4

279 23.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 52.349 ng

RT: 17.427 min Scan# 2607

Delta R.T. -0.000 min

Lab File: BF139693.D

Acq: 07 Oct 2024 18:28

Tgt Ion:276 Resp: 478770

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 20.7 17.0 25.6

