

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139931.D
 Acq On : 22 Oct 2024 16:30
 Operator : RC/JU
 Sample : P4419-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

Quant Time: Oct 22 16:55:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	138600	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	525254	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	276307	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	414563	20.000	ng	0.00
76) Chrysene-d12	14.057	240	284603	20.000	ng	0.00
86) Perylene-d12	15.533	264	347037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1221183	137.933	ng	0.02
7) Phenol-d6	6.516	99	1462083	127.507	ng	0.00
23) Nitrobenzene-d5	7.451	82	1056289	111.457	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	397357	153.747	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1818113	108.748	ng	0.00
79) Terphenyl-d14	12.998	244	1536699	87.983	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.863	88	177735	43.057	ng	# 81
3) Pyridine	3.575	79	423167	41.358	ng	96
4) n-Nitrosodimethylamine	3.504	42	257997	46.932	ng	99
6) Aniline	6.557	93	211798	19.819	ng	97
8) 2-Chlorophenol	6.675	128	483492	53.419	ng	98
9) Benzaldehyde	6.445	77	58773	9.111	ng	96
10) Phenol	6.528	94	536781	45.407	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	463232	50.697	ng	99
12) 1,3-Dichlorobenzene	6.834	146	489042	47.070	ng	99
13) 1,4-Dichlorobenzene	6.910	146	499260	48.098	ng	98
14) 1,2-Dichlorobenzene	7.063	146	479019	49.446	ng	99
15) Benzyl Alcohol	7.028	79	445876	53.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	774199	49.691	ng	98
17) 2-Methylphenol	7.134	107	393530	50.990	ng	99
18) Hexachloroethane	7.404	117	175401	47.386	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	355066	51.056	ng	97
20) 3+4-Methylphenols	7.287	107	483030	48.932	ng	96
22) Acetophenone	7.298	105	652715	50.735	ng	99
24) Nitrobenzene	7.469	77	526861	50.706	ng	99
25) Isophorone	7.710	82	947046	52.650	ng	99
26) 2-Nitrophenol	7.787	139	240191	61.275	ng	96
27) 2,4-Dimethylphenol	7.816	122	397853	60.869	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	573337	52.609	ng	99
29) 2,4-Dichlorophenol	8.022	162	398181	53.483	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	410492	49.829	ng	99
31) Naphthalene	8.192	128	1375220	50.766	ng	100
32) Benzoic acid	7.916	122	256892	45.062	ng	97
33) 4-Chloroaniline	8.234	127	60989	6.603	ng	98
34) Hexachlorobutadiene	8.310	225	261509	50.523	ng	98
35) Caprolactam	8.598	113	72453	30.607	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	420777	51.042	ng	97
37) 2-Methylnaphthalene	8.886	142	874812	52.729	ng	100
38) 1-Methylnaphthalene	8.986	142	814947	50.066	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	411955	55.264	ng	99
41) Hexachlorocyclopentadiene	9.039	237	473130	182.412	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	299563	56.761	ng	99

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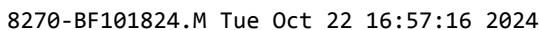
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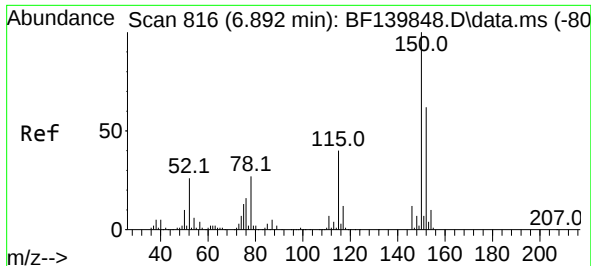
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	290085	53.275	ng	99
46) 1,1'-Biphenyl	9.351	154	1046149	54.388	ng	100
47) 2-Chloronaphthalene	9.375	162	829069	53.516	ng	99
48) 2-Nitroaniline	9.469	65	267894	56.540	ng	93
49) Acenaphthylene	9.792	152	1266499	56.548	ng	99
50) Dimethylphthalate	9.651	163	931371	54.116	ng	100
51) 2,6-Dinitrotoluene	9.710	165	201530	54.081	ng	96
52) Acenaphthene	9.963	154	854492	58.977	ng	99
53) 3-Nitroaniline	9.875	138	65145	16.952	ng	95
54) 2,4-Dinitrophenol	9.980	184	176652	111.315	ng	# 1
55) Dibenzofuran	10.133	168	1104475	53.131	ng	99
56) 4-Nitrophenol	10.028	139	281102	95.079	ng	99
57) 2,4-Dinitrotoluene	10.110	165	259515	56.631	ng	98
58) Fluorene	10.480	166	807641	51.010	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	230861	54.085	ng	95
60) Diethylphthalate	10.351	149	866761	51.293	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	415399	51.953	ng	99
62) 4-Nitroaniline	10.486	138	168604	46.455	ng	96
63) Azobenzene	10.628	77	898047	50.129	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	120867	71.477	ng	94
66) n-Nitrosodiphenylamine	10.586	169	734753	59.217	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	260113	60.905	ng	97
68) Hexachlorobenzene	11.022	284	281515	58.610	ng	99
69) Atrazine	11.110	200	221708	65.963	ng	99
70) Pentachlorophenol	11.216	266	320019	109.780	ng	99
71) Phenanthrene	11.439	178	1086525	55.485	ng	100
72) Anthracene	11.492	178	1099002	57.521	ng	100
73) Carbazole	11.645	167	916576	51.583	ng	99
74) Di-n-butylphthalate	11.974	149	1164376	56.718	ng	100
75) Fluoranthene	12.627	202	1018589	51.454	ng	100
77) Benzidine	12.745	184	83909	17.930	ng	99
78) Pyrene	12.857	202	1036361	41.601	ng	100
80) Butylbenzylphthalate	13.474	149	440180	58.936	ng	98
81) Benzo(a)anthracene	14.045	228	1021745	55.150	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	134719	24.940	ng	100
83) Chrysene	14.080	228	943131	55.521	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	608126	72.573	ng	99
85) Di-n-octyl phthalate	14.645	149	1145348	75.147	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1070099	47.931	ng	99
88) Benzo(b)fluoranthene	15.098	252	1195498	56.551	ng	100
89) Benzo(k)fluoranthene	15.127	252	949278	52.068	ng	100
90) Benzo(a)pyrene	15.468	252	1035991	59.558	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	888621	47.712	ng	98
92) Benzo(g,h,i)perylene	17.480	276	754553	40.560	ng	99

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

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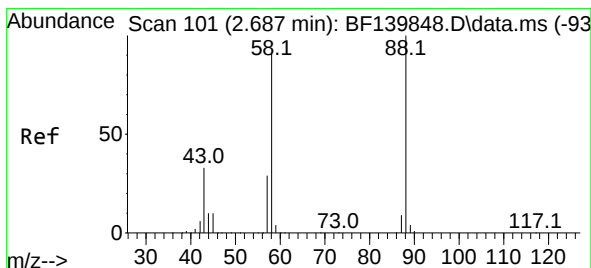
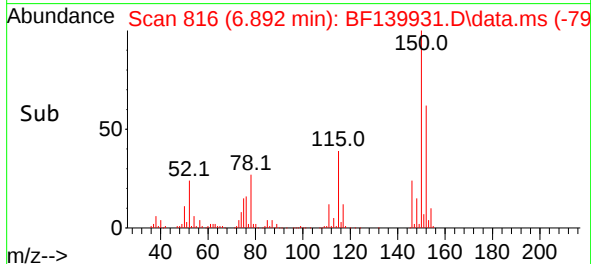
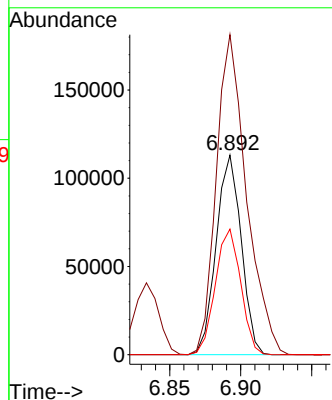
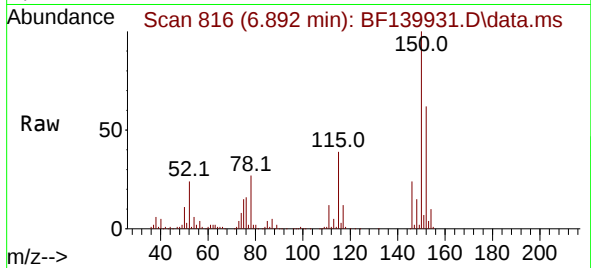




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

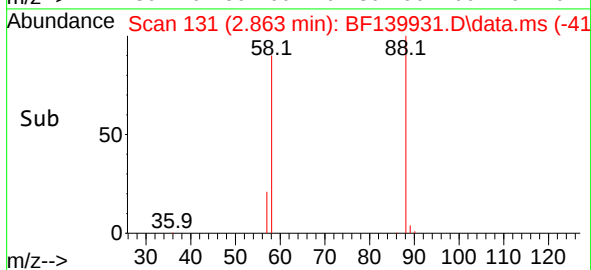
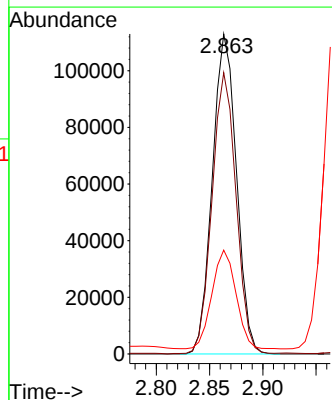
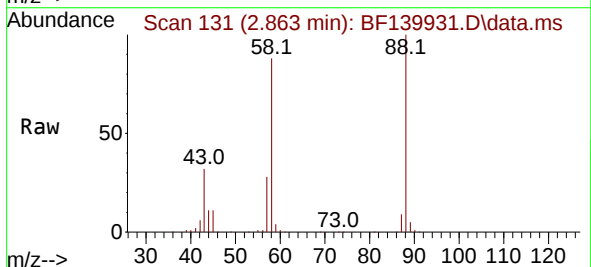
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IB-1MS

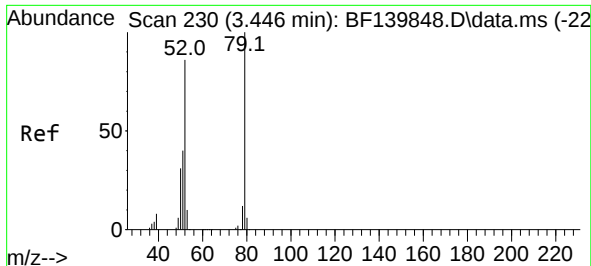
Tgt Ion:152 Resp: 138600
Ion Ratio Lower Upper
152 100
150 160.4 130.2 195.2
115 63.0 51.4 77.2



#2
1,4-Dioxane
Concen: 43.057 ng
RT: 2.863 min Scan# 131
Delta R.T. 0.177 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 88 Resp: 177735
Ion Ratio Lower Upper
88 100
58 87.6 73.3 109.9
43 0.0 27.1 40.7





#3

Pyridine

Concen: 41.358 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.130 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

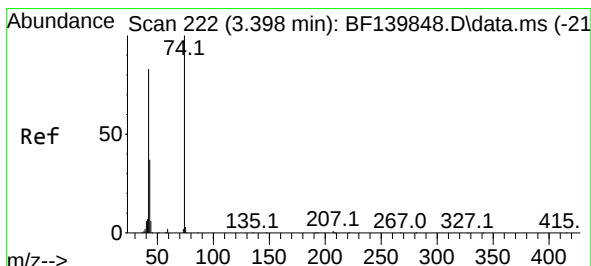
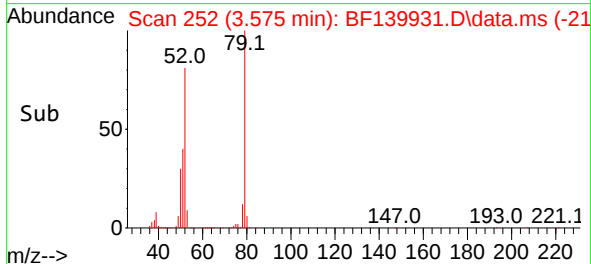
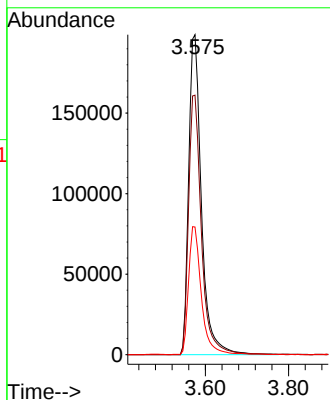
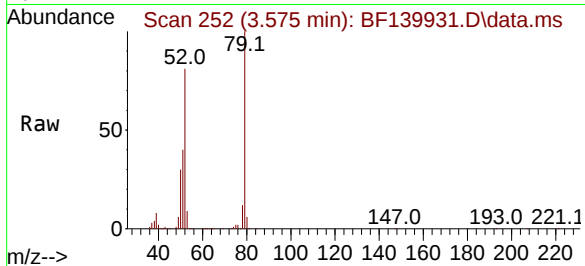
Tgt Ion: 79 Resp: 423167

Ion Ratio Lower Upper

79 100

52 81.1 68.5 102.7

51 39.9 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 46.932 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.106 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

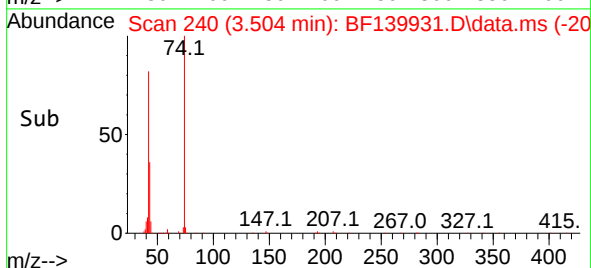
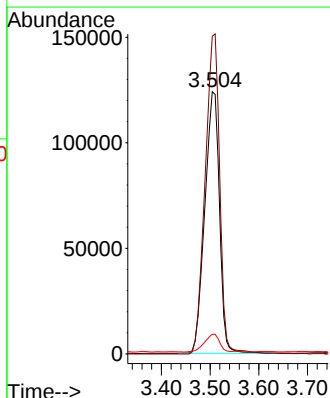
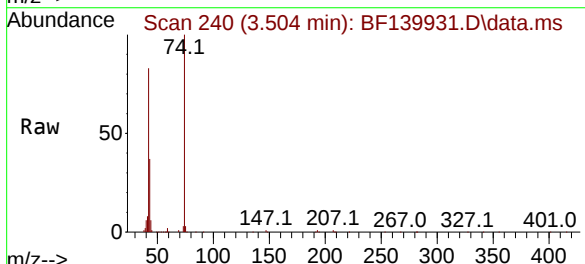
Tgt Ion: 42 Resp: 257997

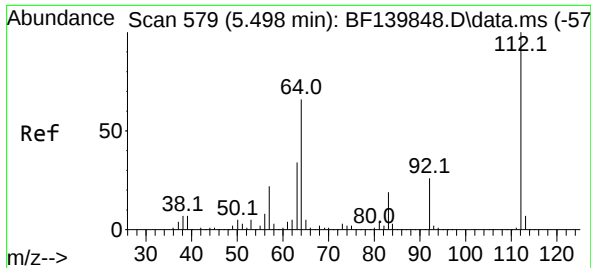
Ion Ratio Lower Upper

42 100

74 121.2 96.2 144.4

44 7.5 6.2 9.2

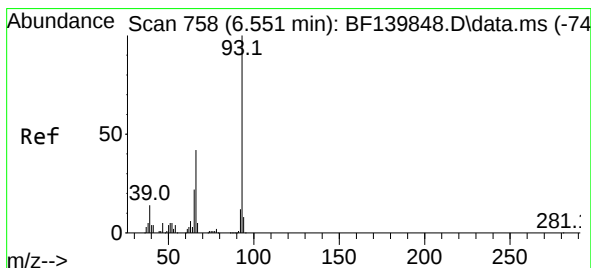
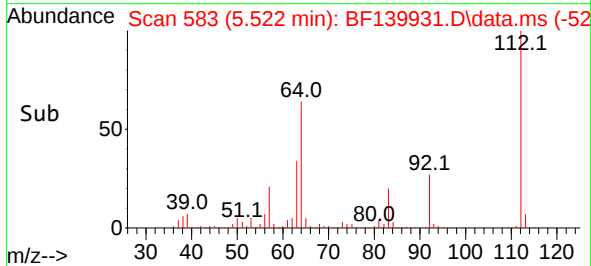
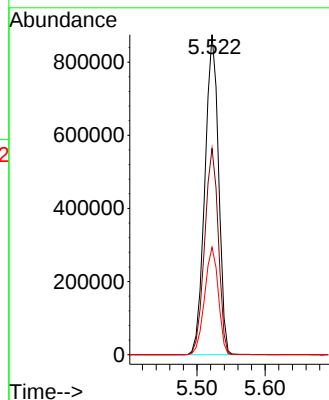
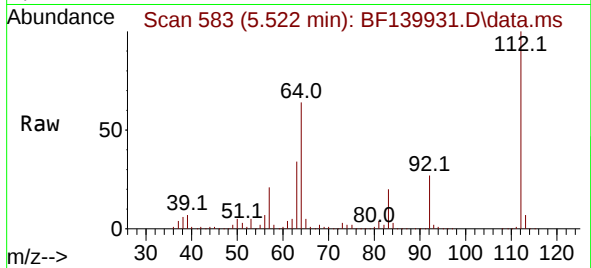




#5
2-Fluorophenol
Concen: 137.933 ng
RT: 5.522 min Scan# 511
Delta R.T. 0.024 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

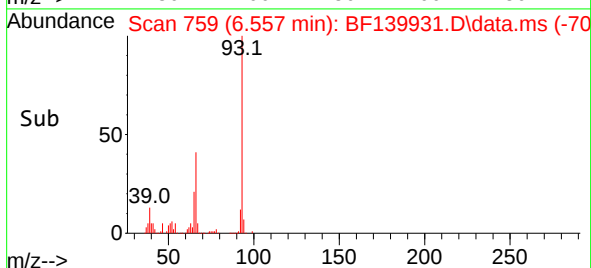
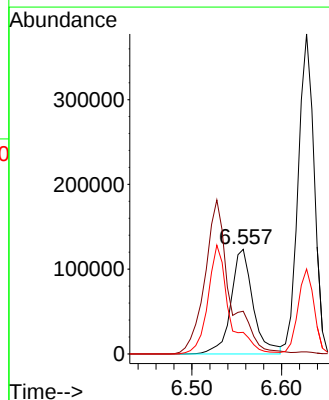
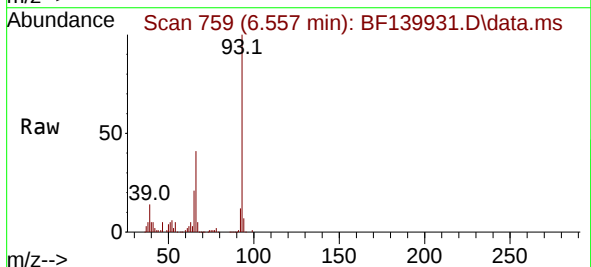
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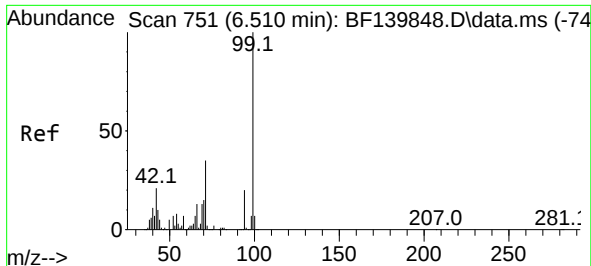
Tgt Ion:112 Resp: 1221183
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.5 27.0 40.4



#6
Aniline
Concen: 19.819 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 93 Resp: 211798
Ion Ratio Lower Upper
93 100
66 40.8 34.0 51.0
65 20.7 17.4 26.0





#7

Phenol-d6

Concen: 127.507 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

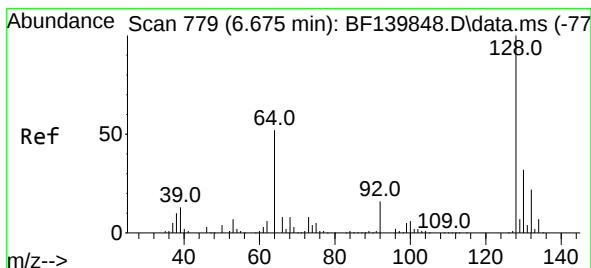
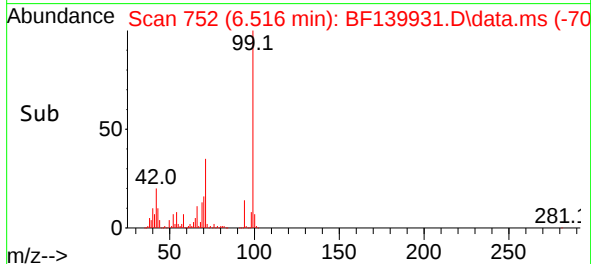
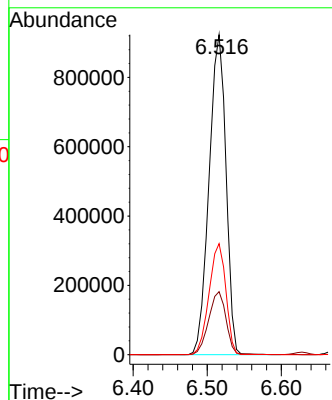
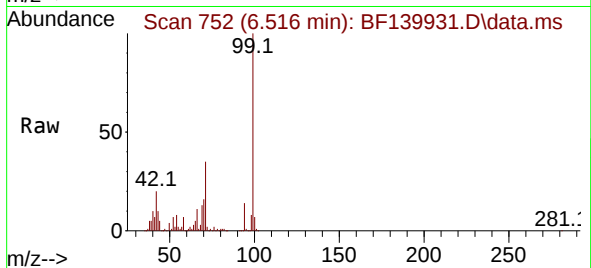
BNA_F

ClientSampleId :

IB-1MS

Tgt Ion: 99 Resp: 1462083

Ion	Ratio	Lower	Upper
99	100		
42	19.7	16.7	25.1
71	34.7	27.7	41.5



#8

2-Chlorophenol

Concen: 53.419 ng

RT: 6.675 min Scan# 779

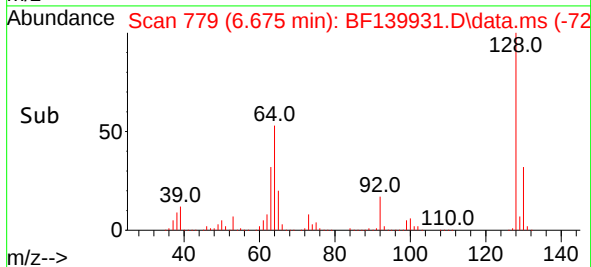
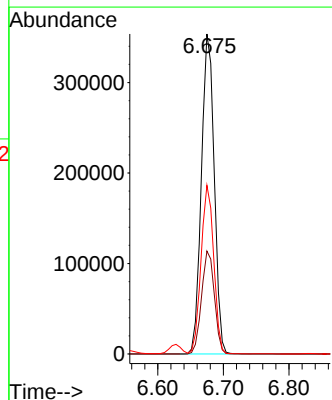
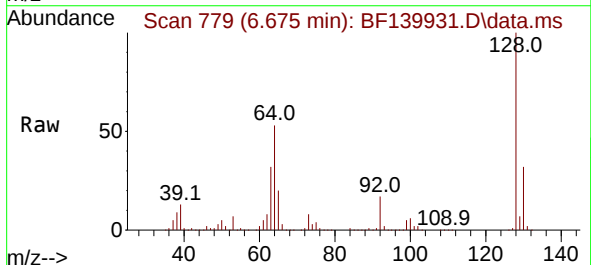
Delta R.T. 0.000 min

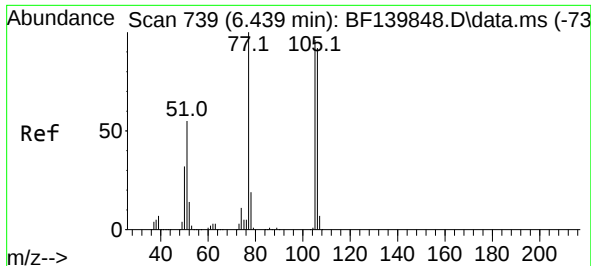
Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Tgt Ion:128 Resp: 483492

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.3	52.3
64	52.7	34.6	74.6

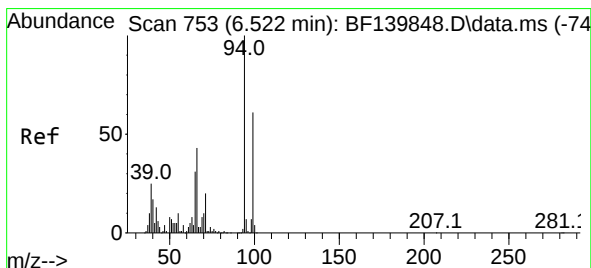
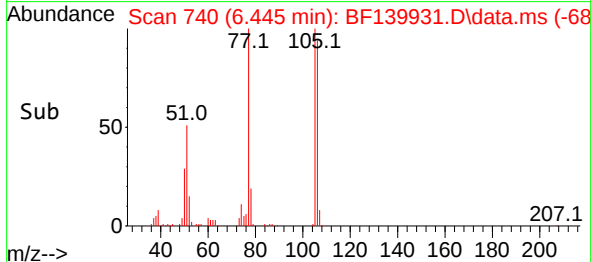
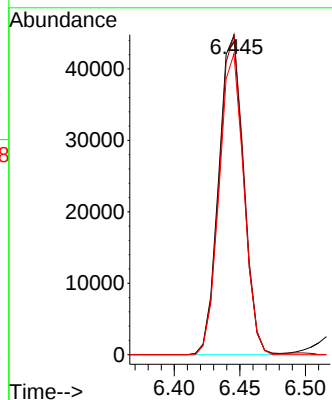
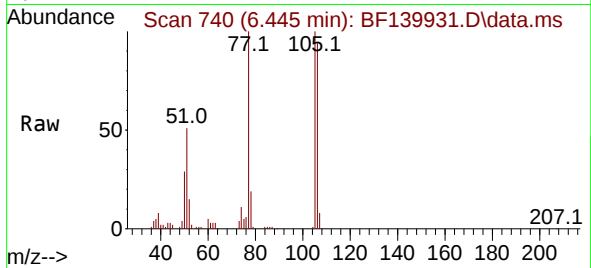




#9
Benzaldehyde
Concen: 9.111 ng
RT: 6.445 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

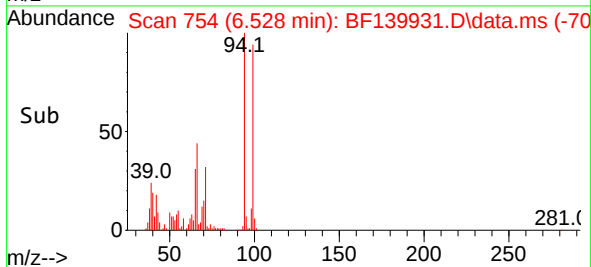
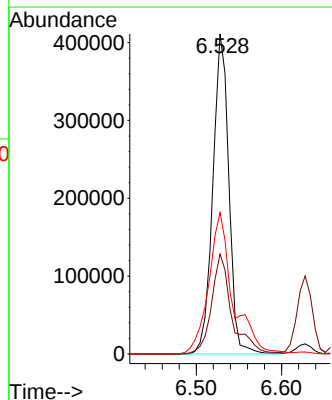
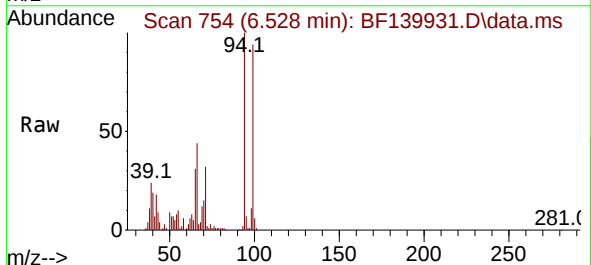
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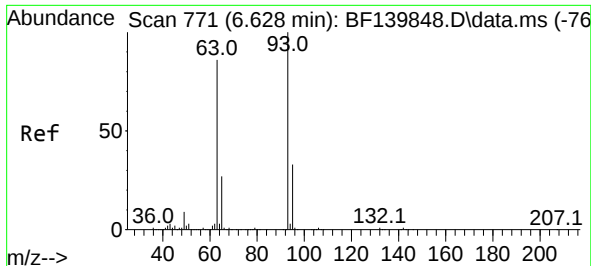
Tgt Ion: 77 Resp: 58773
Ion Ratio Lower Upper
77 100
105 100.3 75.5 115.5
106 94.3 71.7 111.7



#10
Phenol
Concen: 45.407 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 94 Resp: 536781
Ion Ratio Lower Upper
94 100
65 31.2 11.1 51.1
66 44.2 22.7 62.7

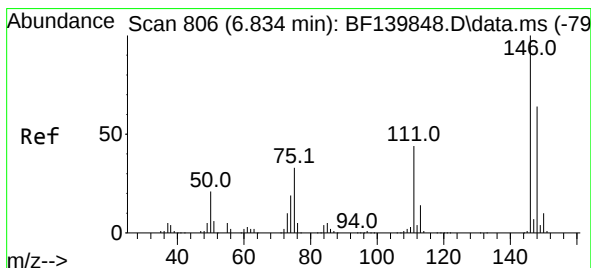
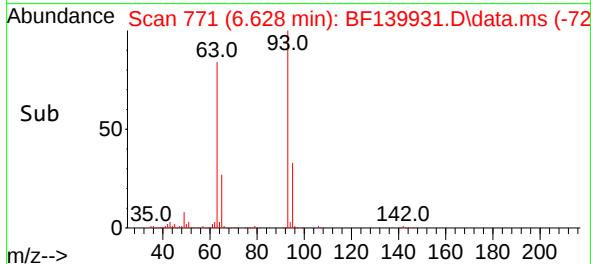
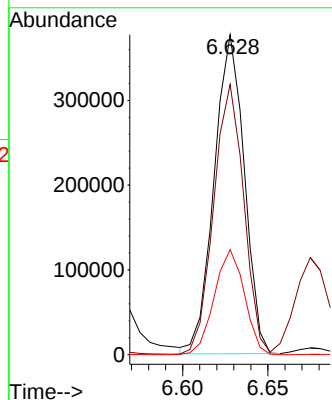
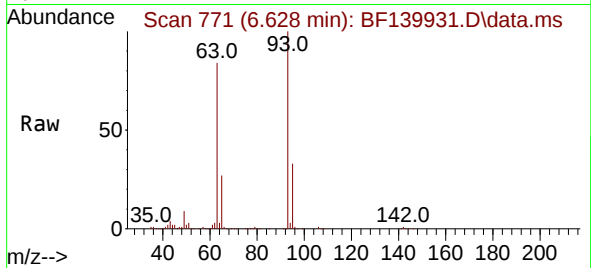




#11
bis(2-Chloroethyl)ether
Concen: 50.697 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

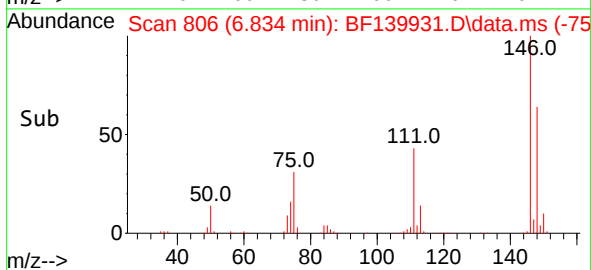
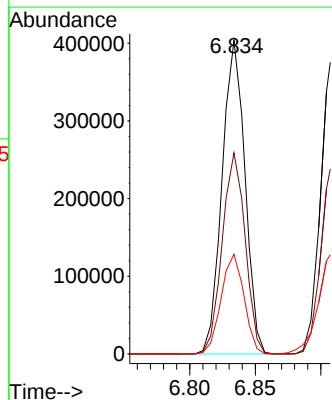
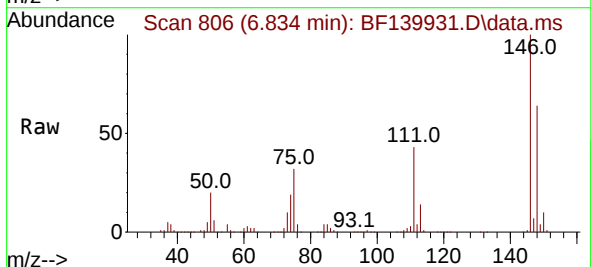
Instrument :
BNA_F
ClientSampleId :
IB-1MS

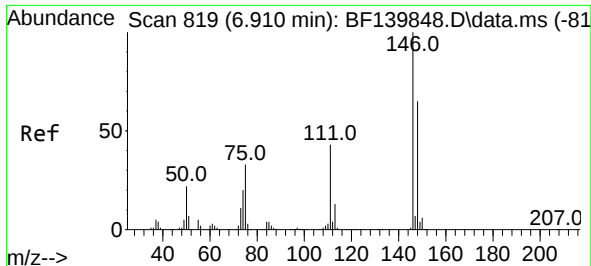
Tgt Ion: 93 Resp: 463232
Ion Ratio Lower Upper
93 100
63 84.5 65.0 105.0
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.070 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 146 Resp: 489042
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
75 31.8 26.4 39.6

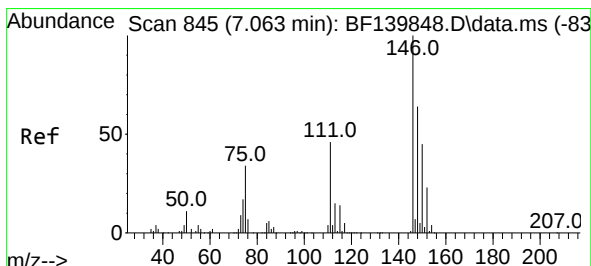
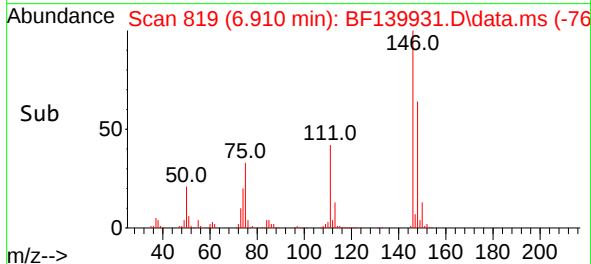
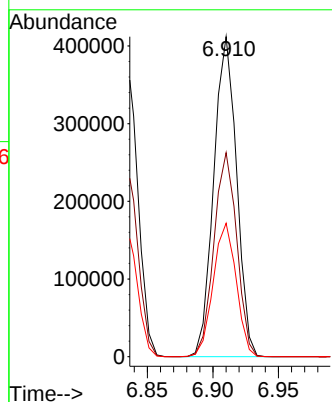
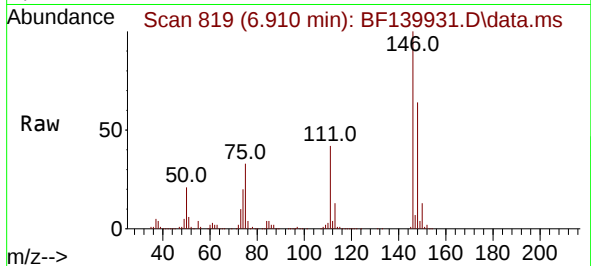




#13
 1,4-Dichlorobenzene
 Concen: 48.098 ng
 RT: 6.910 min Scan# 819
 Delta R.T. 0.000 min
 Lab File: BF139931.D
 Acq: 22 Oct 2024 16:30

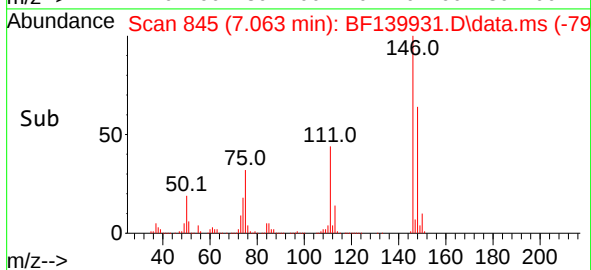
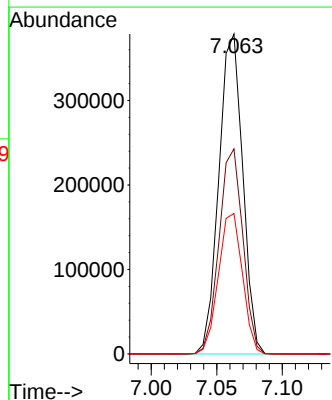
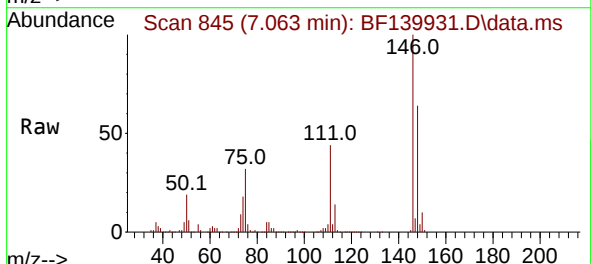
Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

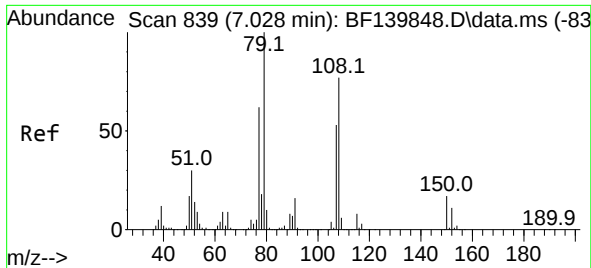
Tgt Ion:146 Resp: 499260
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.8 77.8
 111 41.7 34.6 51.8



#14
 1,2-Dichlorobenzene
 Concen: 49.446 ng
 RT: 7.063 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: BF139931.D
 Acq: 22 Oct 2024 16:30

Tgt Ion:146 Resp: 479019
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.2
 111 43.9 36.7 55.1

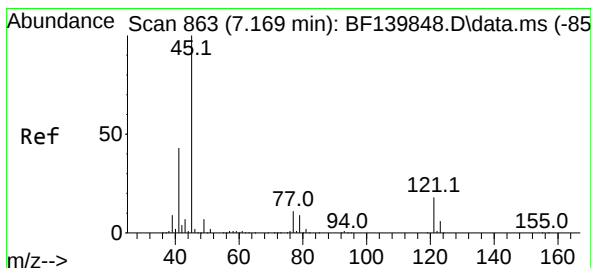
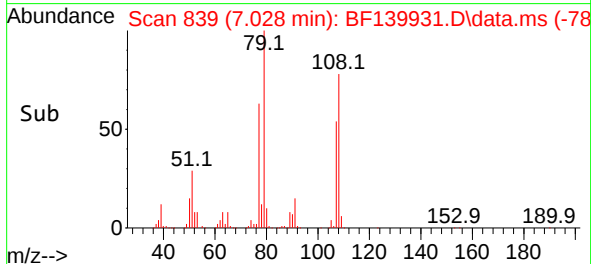
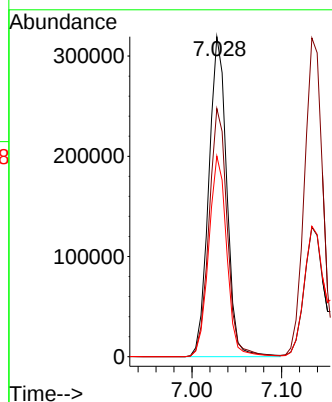
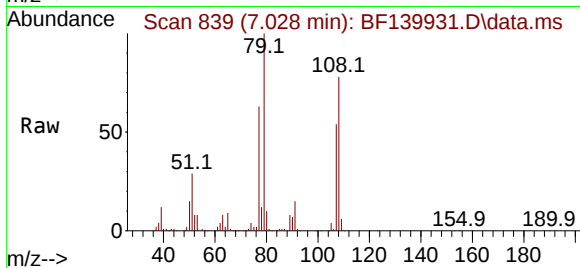




#15
Benzyl Alcohol
Concen: 53.010 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

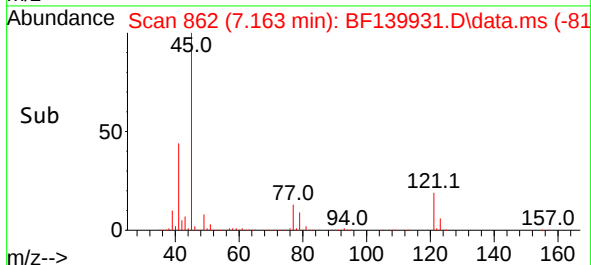
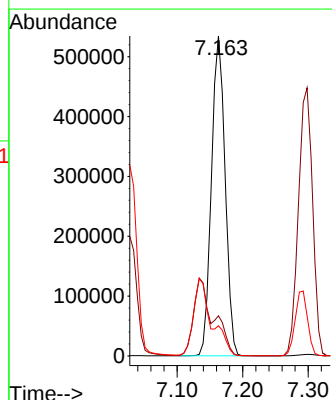
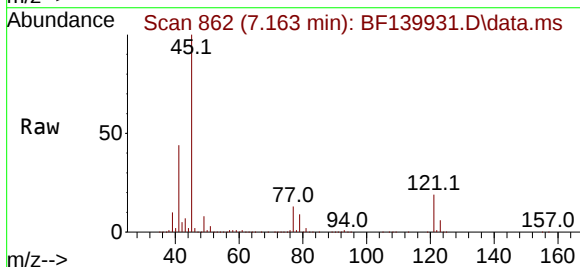
Instrument :
BNA_F
ClientSampleId :
IB-1MS

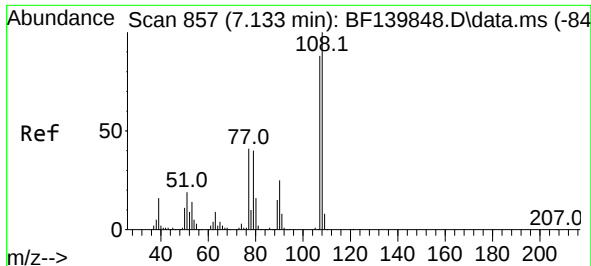
Tgt Ion: 79 Resp: 445876
Ion Ratio Lower Upper
79 100
108 77.6 61.4 92.0
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.691 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 45 Resp: 774199
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 9.5 0.0 29.1

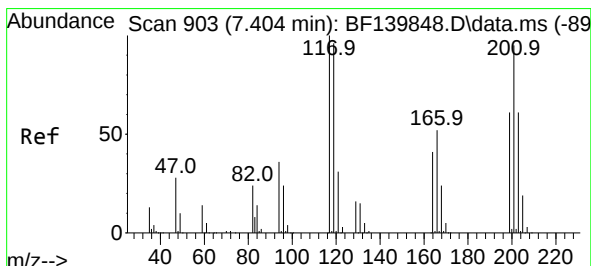
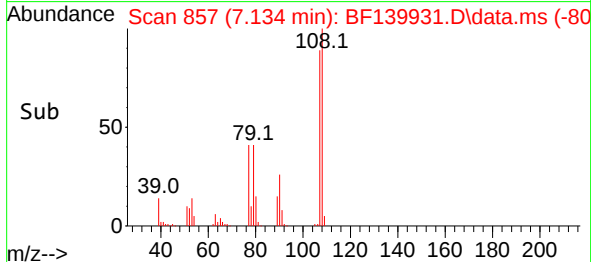
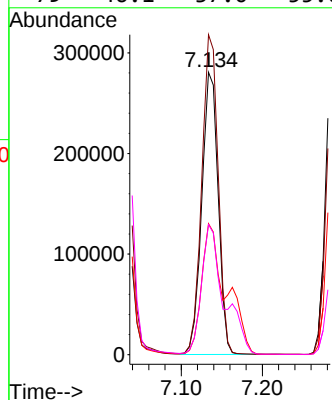
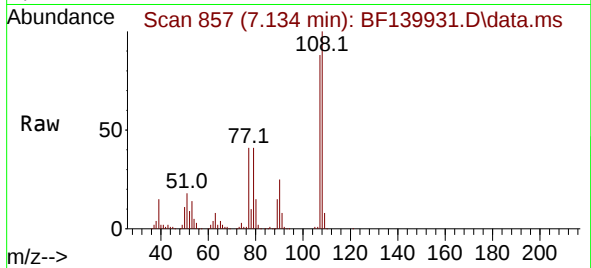




#17
2-Methylphenol
Concen: 50.990 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

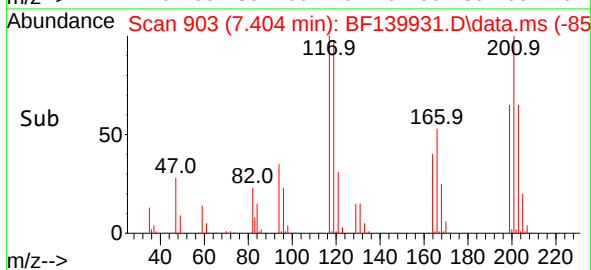
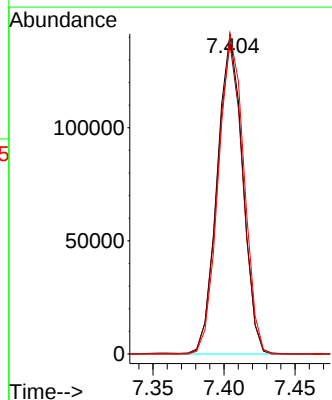
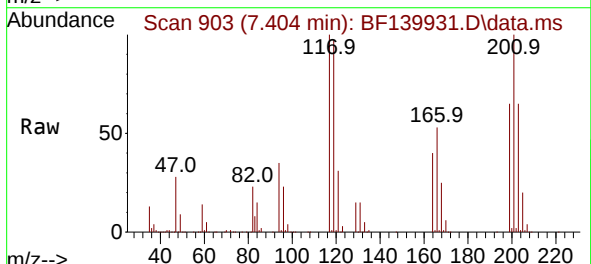
Instrument :
BNA_F
ClientSampleId :
IB-1MS

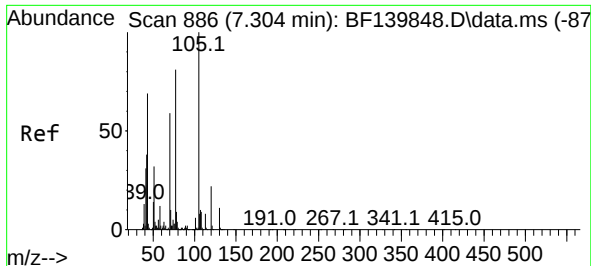
Tgt Ion:	107	Resp:	393530
Ion	Ratio	Lower	Upper
107	100		
108	113.3	91.3	136.9
77	46.4	37.1	55.7
79	46.1	37.0	55.6



#18
Hexachloroethane
Concen: 47.386 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:	117	Resp:	175401
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.0	115.4
201	99.9	76.2	114.4



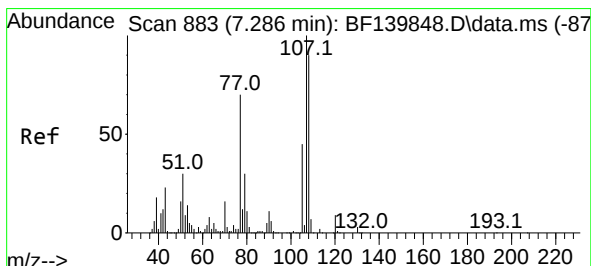
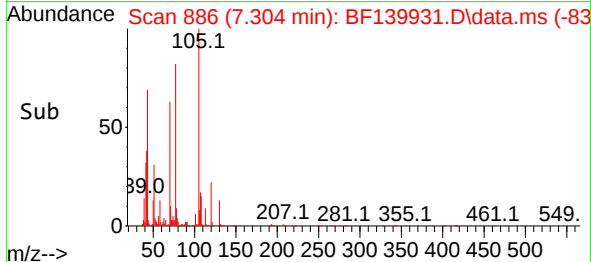
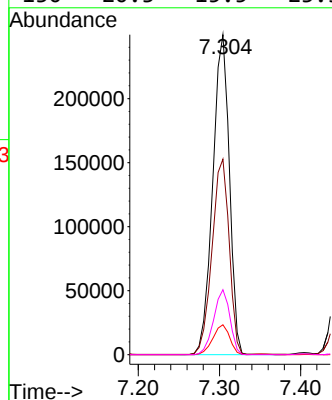
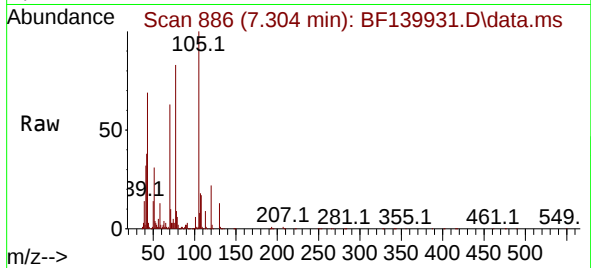


#19
n-Nitroso-di-n-propylamine
Concen: 51.056 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion: 70 Resp: 355066

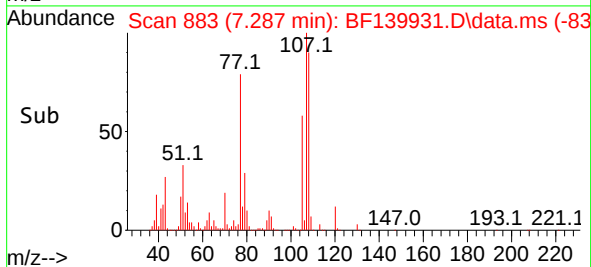
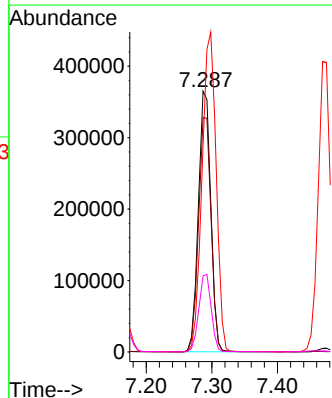
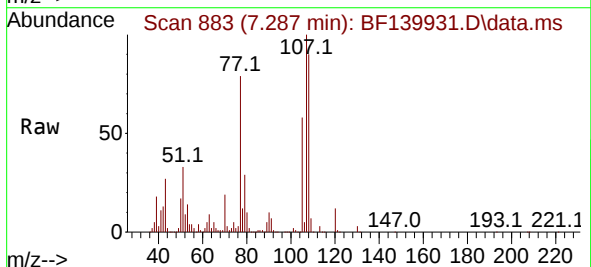
Ion	Ratio	Lower	Upper
70	100		
42	61.1	51.5	77.3
101	9.4	7.5	11.3
130	20.3	15.5	23.3

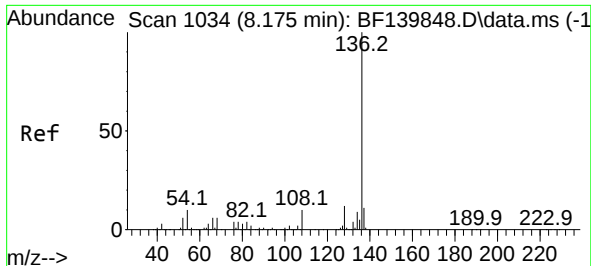


#20
3+4-Methylphenols
Concen: 48.932 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 107 Resp: 483030

Ion	Ratio	Lower	Upper
107	100		
108	90.0	69.8	109.8
77	79.3	50.5	90.5
79	29.2	10.2	50.2



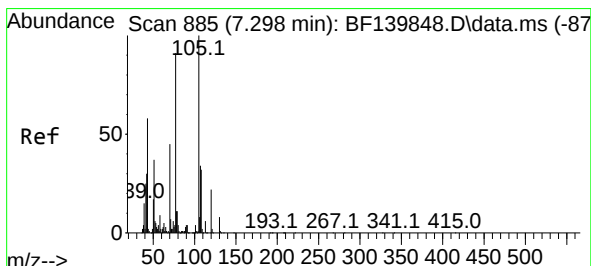
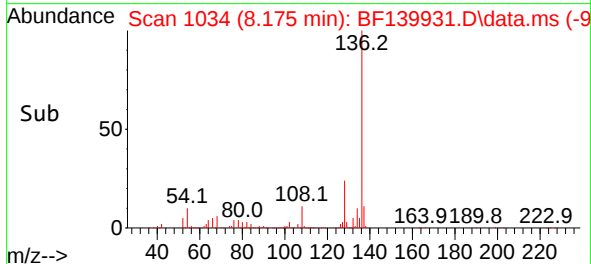
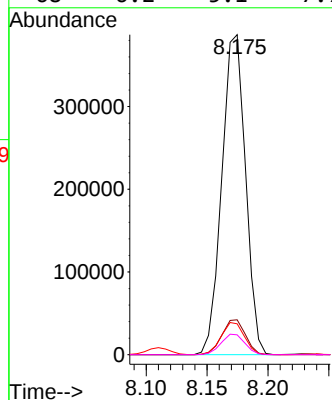
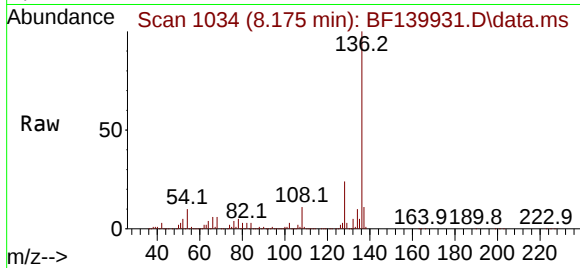


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion:136 Resp: 525254

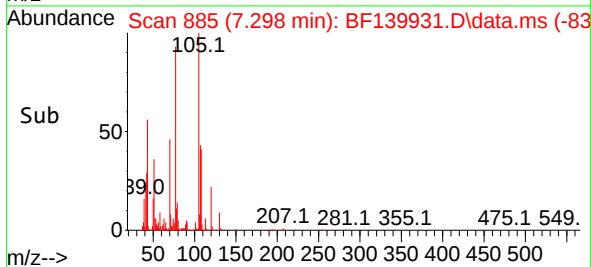
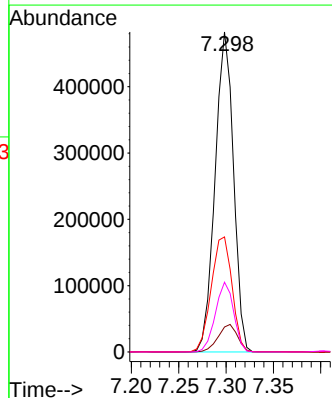
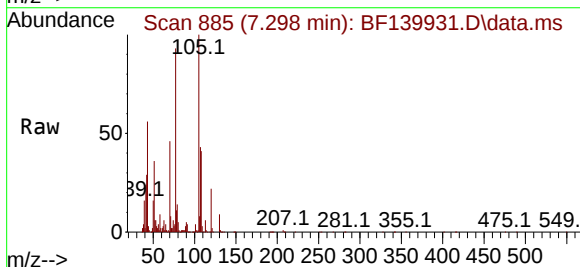
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.7	8.4	12.6
68	6.2	5.1	7.7

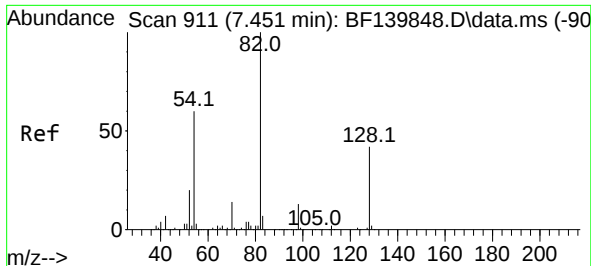


#22
Acetophenone
Concen: 50.735 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:105 Resp: 652715

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	35.9	29.4	44.2
120	21.8	17.5	26.3





#23

Nitrobenzene-d5

Concen: 111.457 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

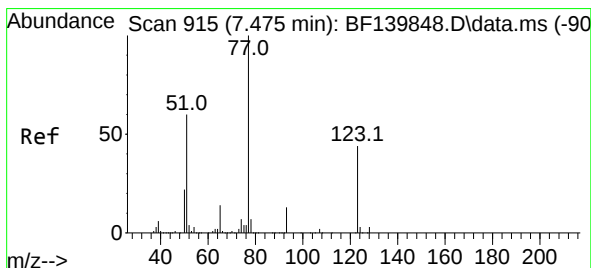
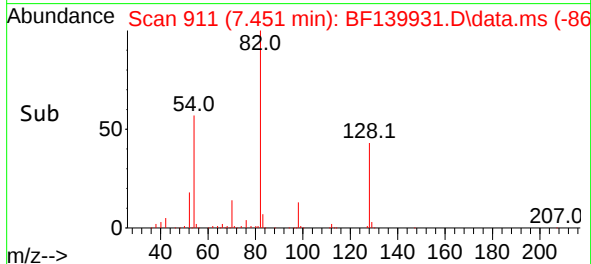
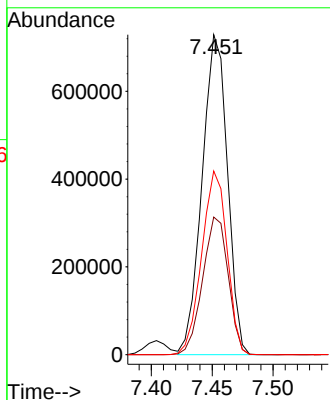
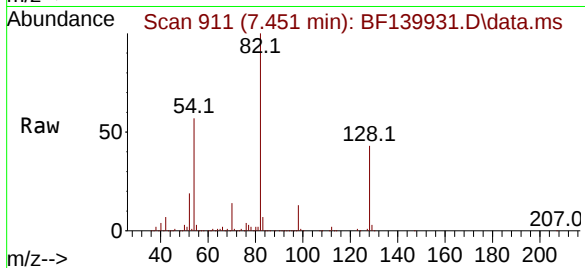
BNA_F

ClientSampleId :

IB-1MS

Tgt Ion: 82 Resp: 1056289

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	57.4	47.8	71.8



#24

Nitrobenzene

Concen: 50.706 ng

RT: 7.469 min Scan# 914

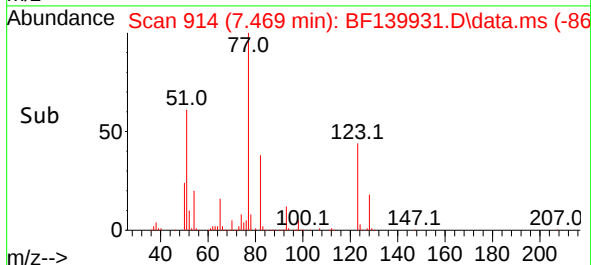
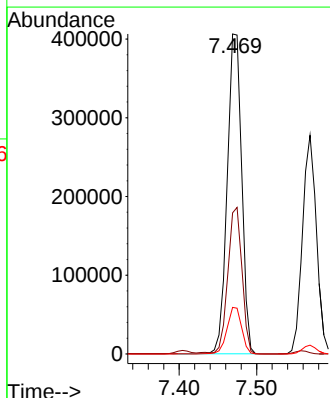
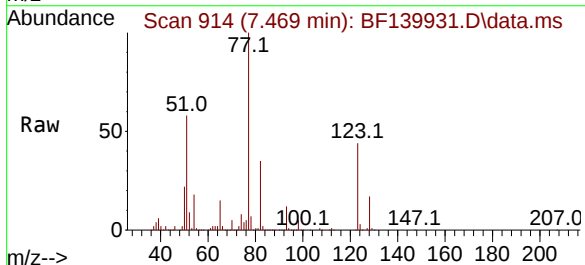
Delta R.T. -0.006 min

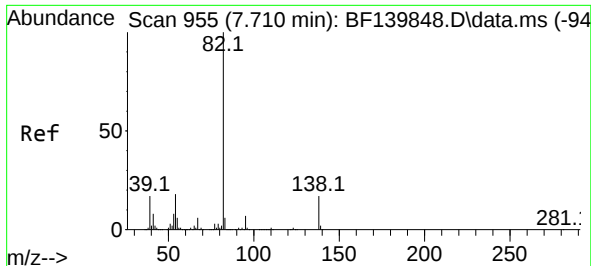
Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Tgt Ion: 77 Resp: 526861

Ion	Ratio	Lower	Upper
77	100		
123	44.1	35.7	53.5
65	14.6	11.5	17.3

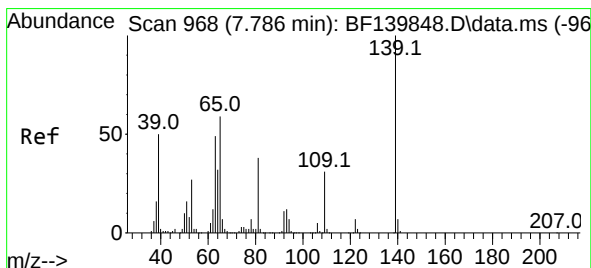
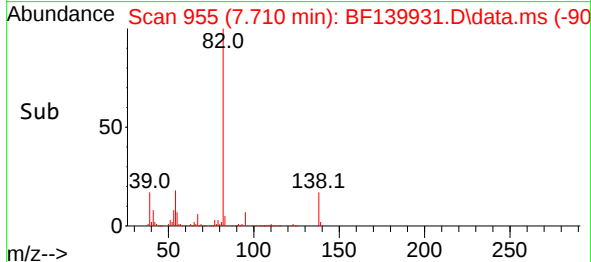
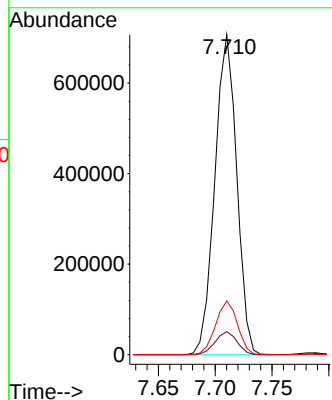
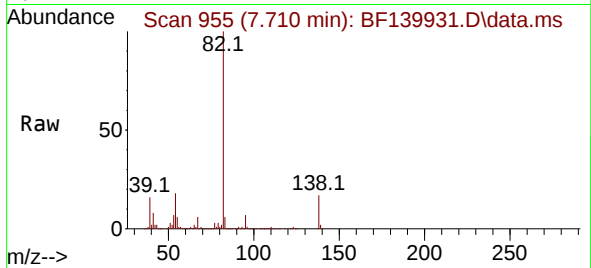




#25
Isophorone
Concen: 52.650 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

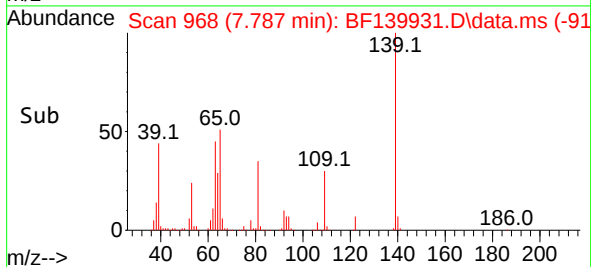
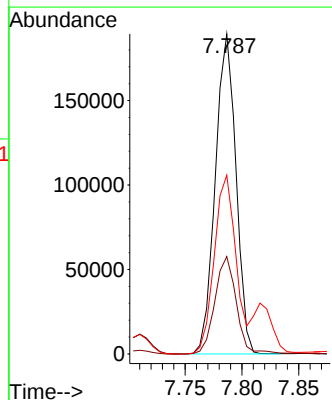
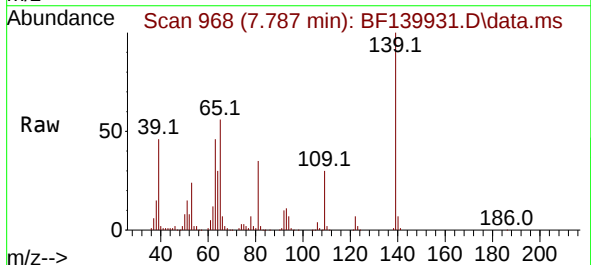
Instrument :
BNA_F
ClientSampleId :
IB-1MS

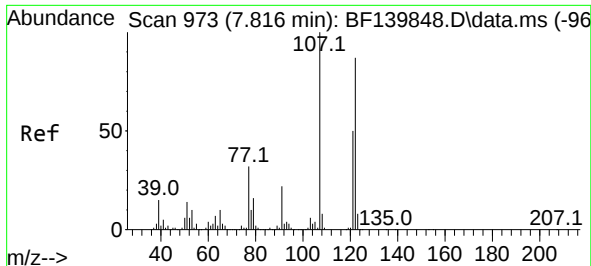
Tgt Ion: 82 Resp: 947046
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 61.275 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:139 Resp: 240191
Ion Ratio Lower Upper
139 100
109 30.5 25.1 37.7
65 55.9 47.5 71.3

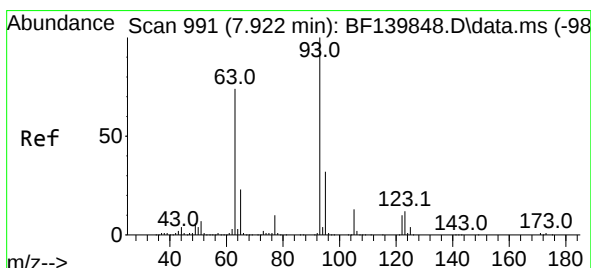
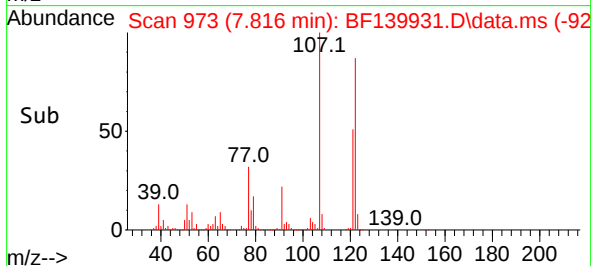
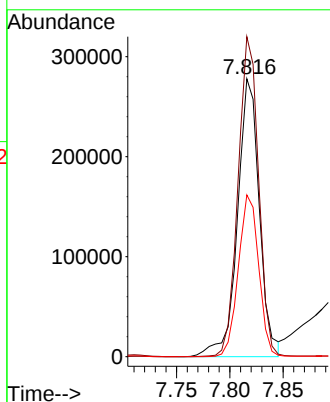
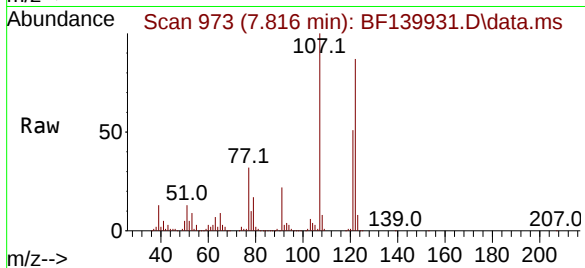




#27
2,4-Dimethylphenol
Concen: 60.869 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

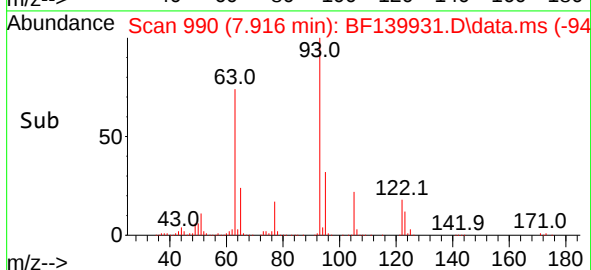
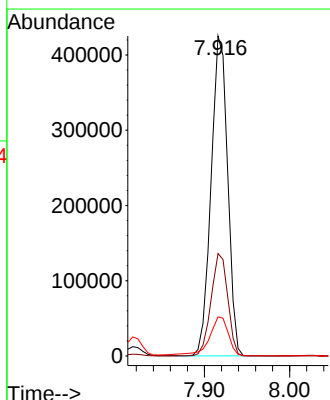
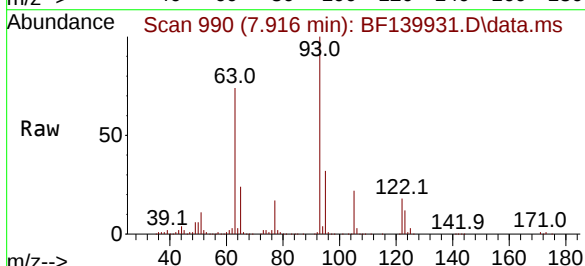
Instrument :
BNA_F
ClientSampleId :
IB-1MS

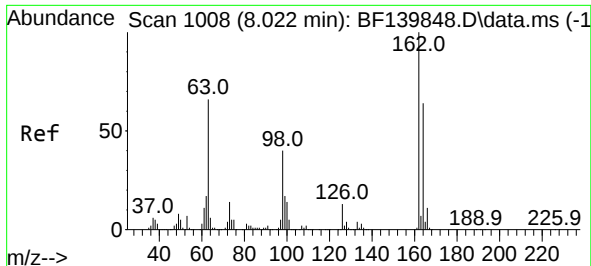
Tgt Ion:122 Resp: 397853
Ion Ratio Lower Upper
122 100
107 115.1 91.9 137.9
121 58.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 52.609 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion: 93 Resp: 573337
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 12.2 9.8 14.8

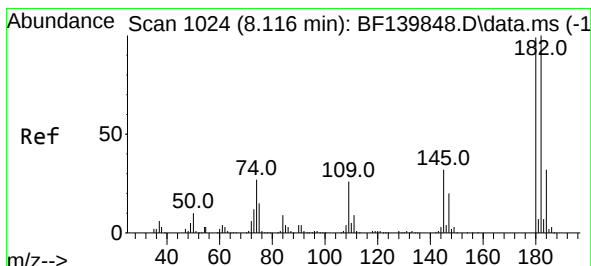
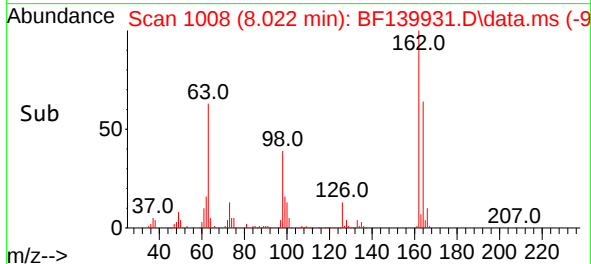
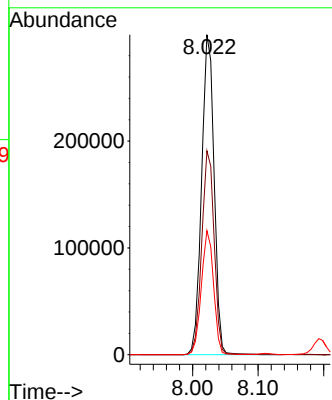
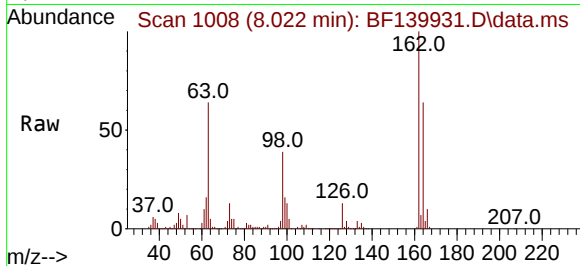




#29
2,4-Dichlorophenol
Concen: 53.483 ng
RT: 8.022 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

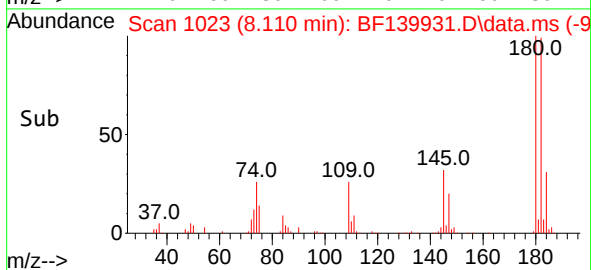
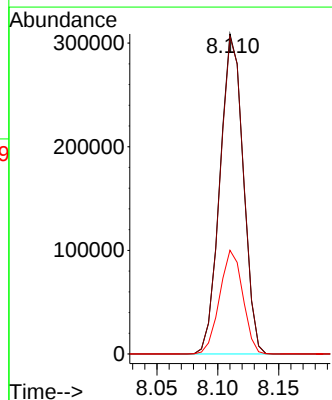
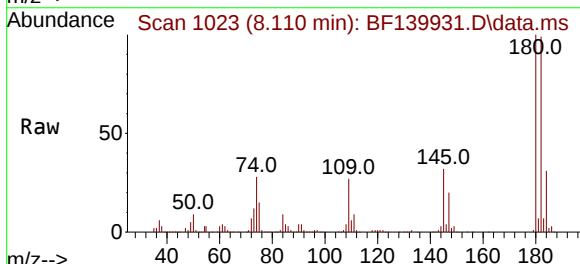
Instrument :
BNA_F
ClientSampleId :
IB-1MS

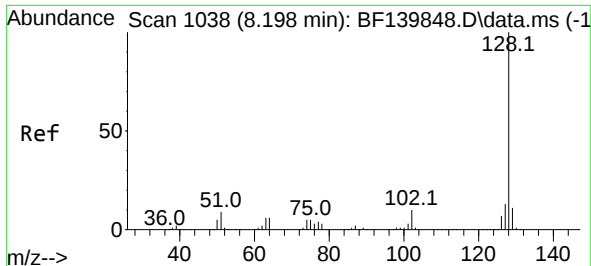
Tgt Ion:162 Resp: 398181
Ion Ratio Lower Upper
162 100
164 63.7 43.9 83.9
98 38.8 19.9 59.9



#30
1,2,4-Trichlorobenzene
Concen: 49.829 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:180 Resp: 410492
Ion Ratio Lower Upper
180 100
182 99.2 80.5 120.7
145 32.4 25.4 38.0

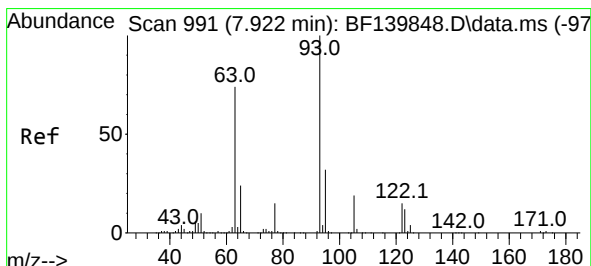
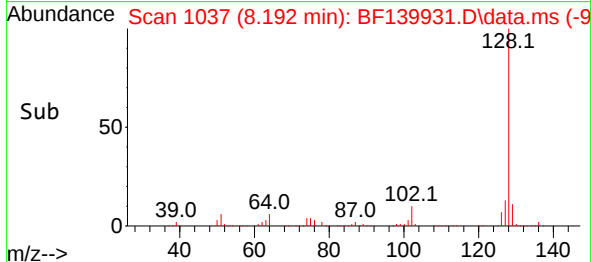
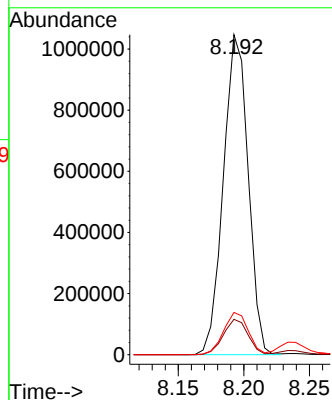
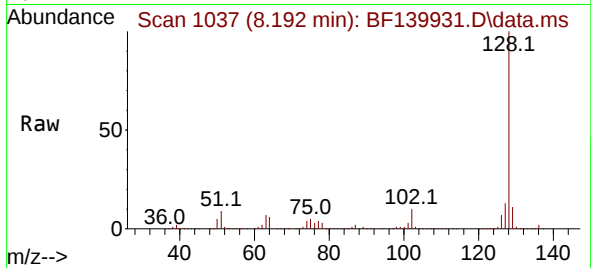




#31
Naphthalene
Concen: 50.766 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

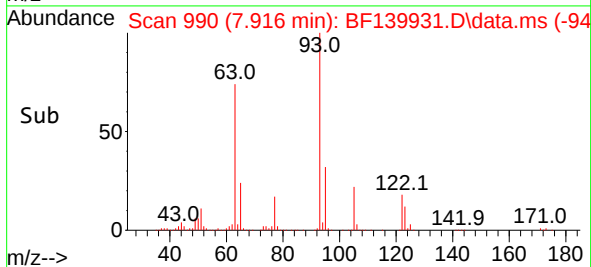
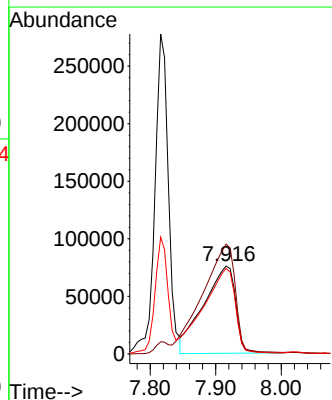
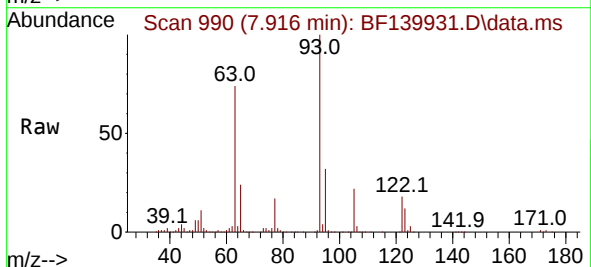
Instrument :
BNA_F
ClientSampleId :
IB-1MS

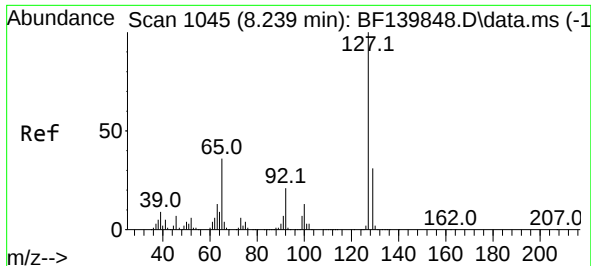
Tgt Ion:128 Resp: 1375220
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 45.062 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:122 Resp: 256892
Ion Ratio Lower Upper
122 100
105 124.8 107.6 147.6
77 97.2 80.2 120.2

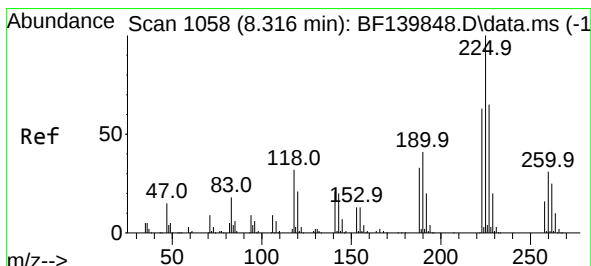
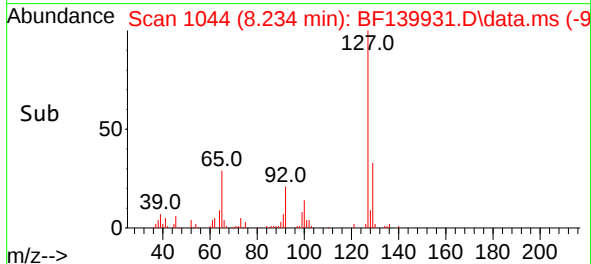
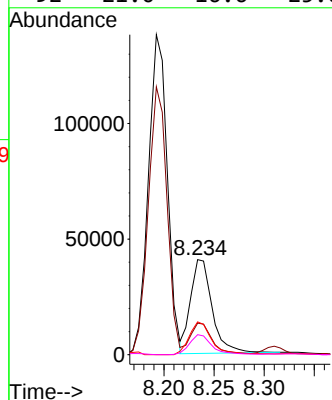
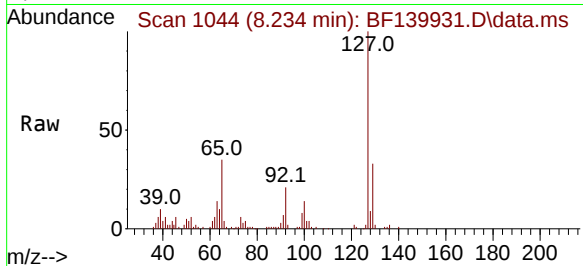




#33
4-Chloroaniline
Concen: 6.603 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

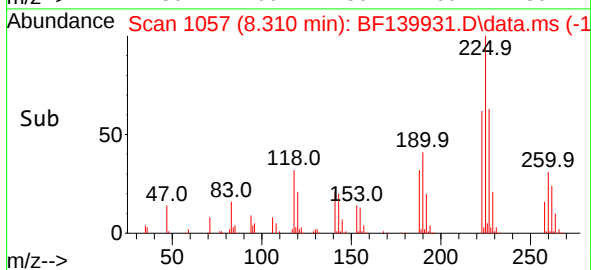
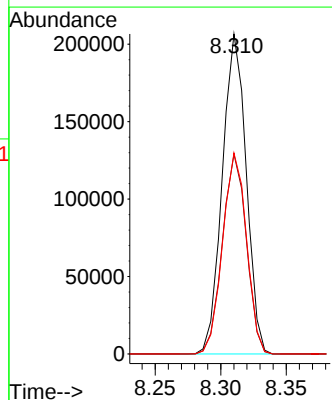
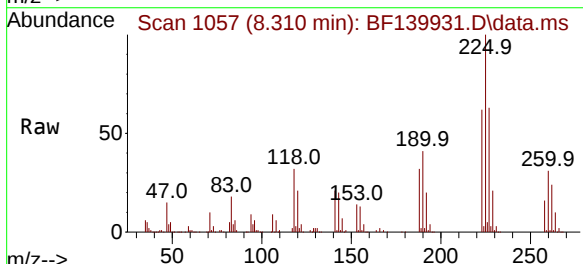
Instrument :
BNA_F
ClientSampleId :
IB-1MS

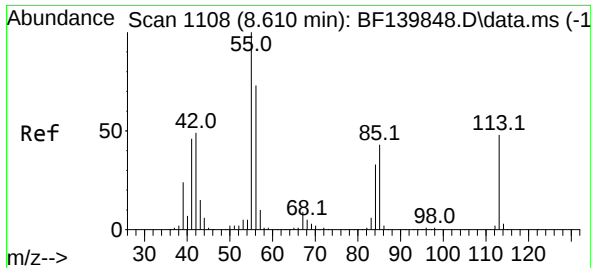
Tgt Ion:	127	Resp:	60989
Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.4	38.2
65	34.6	28.4	42.6
92	21.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 50.523 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:	225	Resp:	261509
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	76.0
227	62.8	51.8	77.8

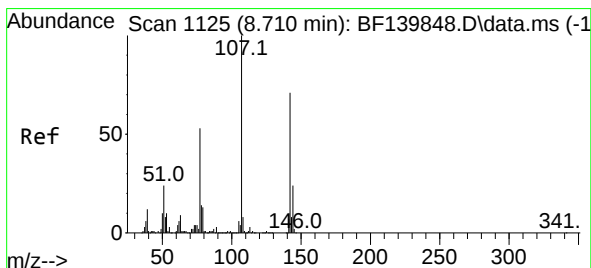
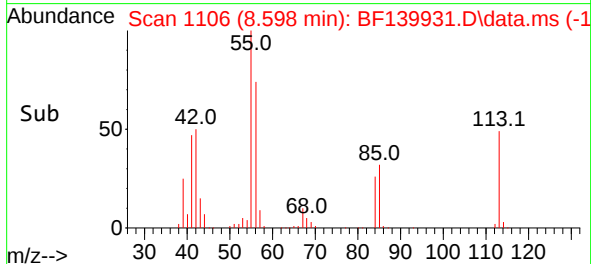
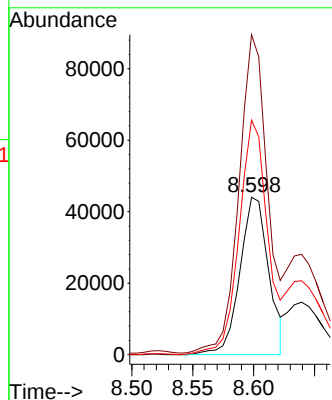
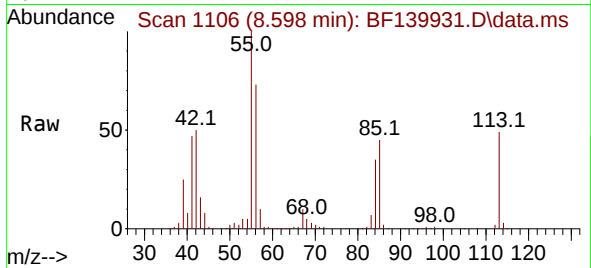




#35
 Caprolactam
 Concen: 30.607 ng
 RT: 8.598 min Scan# 1106
 Delta R.T. -0.012 min
 Lab File: BF139931.D
 Acq: 22 Oct 2024 16:30

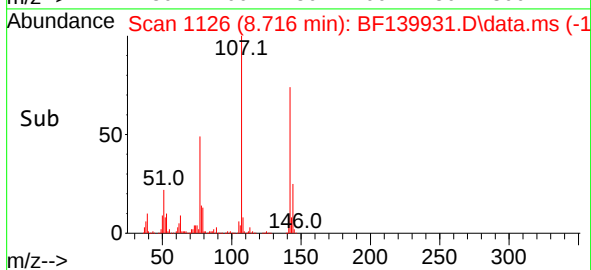
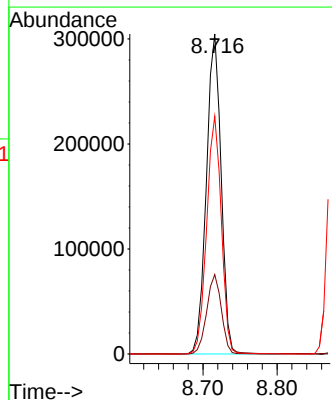
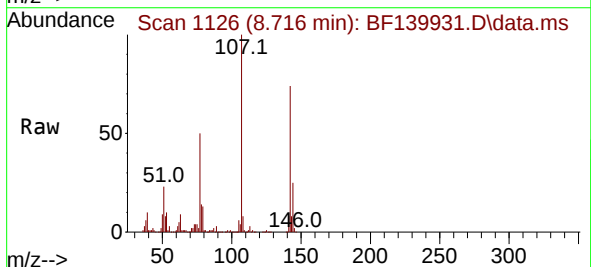
Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

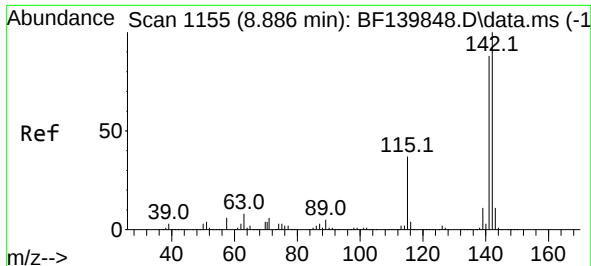
Tgt Ion:113 Resp: 72453
 Ion Ratio Lower Upper
 113 100
 55 203.3 189.2 229.2
 56 149.0 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 51.042 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139931.D
 Acq: 22 Oct 2024 16:30

Tgt Ion:107 Resp: 420777
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.1 28.7
 142 74.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 52.729 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

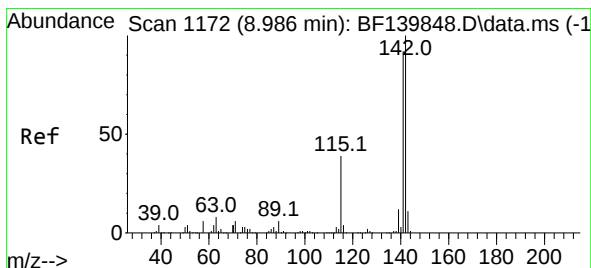
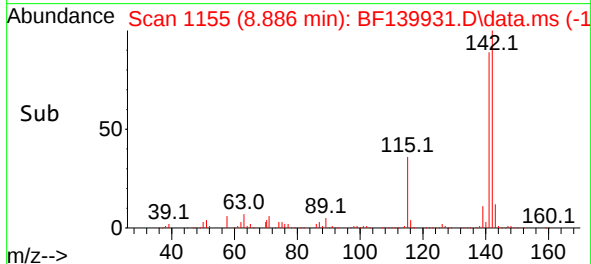
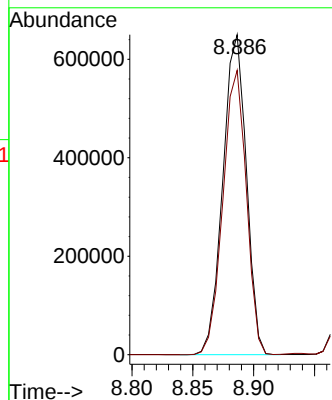
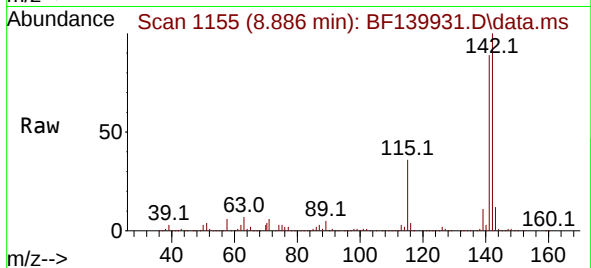
IB-1MS

Tgt Ion:142 Resp: 874812

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 50.066 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139931.D

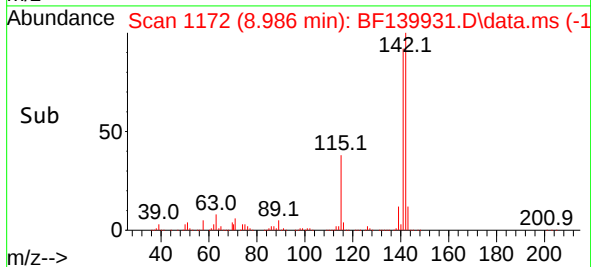
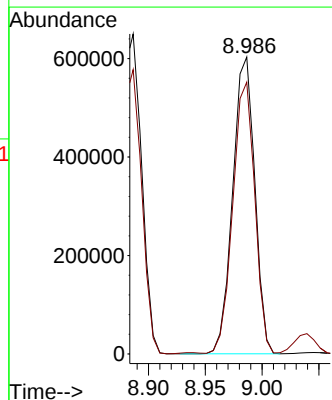
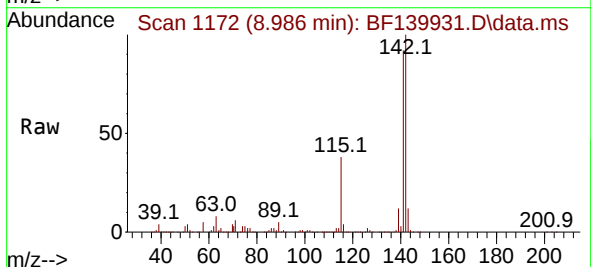
Acq: 22 Oct 2024 16:30

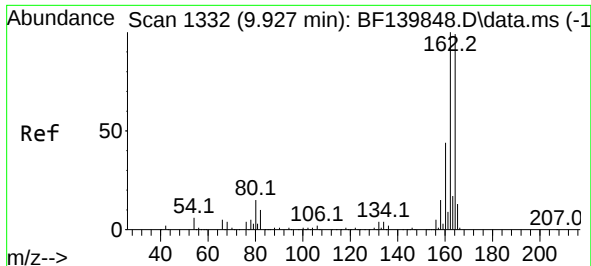
Tgt Ion:142 Resp: 814947

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3

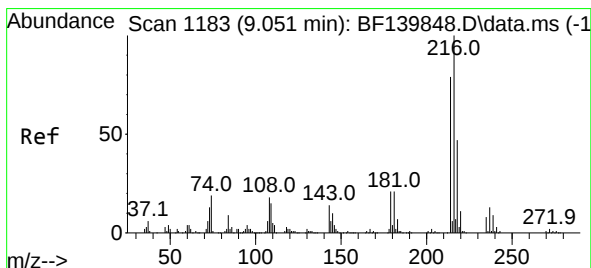
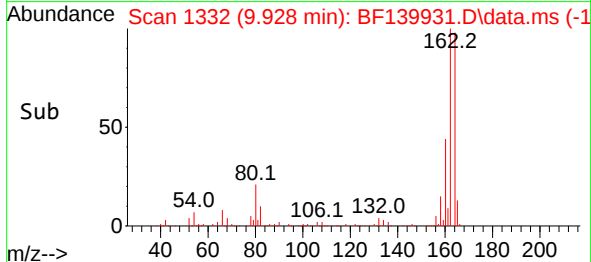
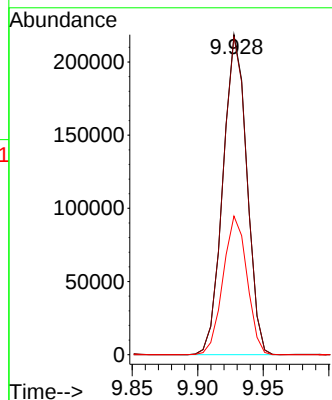
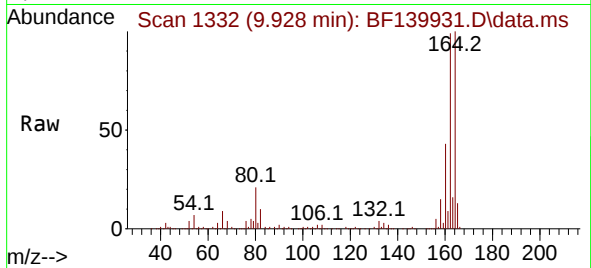




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

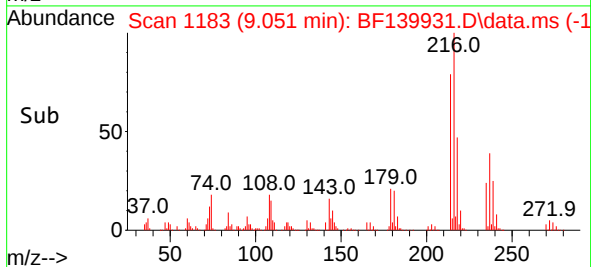
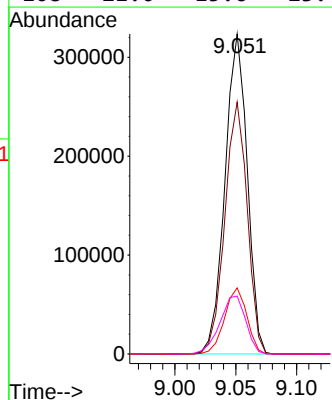
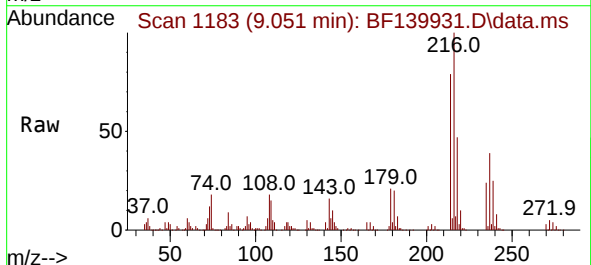
Instrument :
BNA_F
ClientSampleId :
IB-1MS

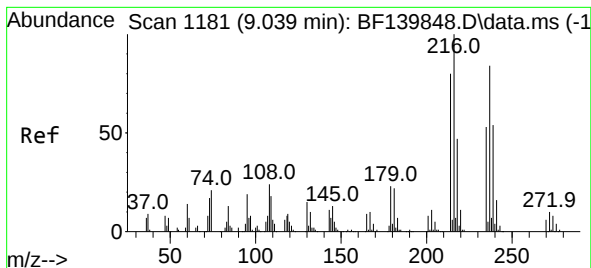
Tgt Ion:164 Resp: 276307
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 43.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.264 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:216 Resp: 411955
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 20.7 17.2 25.8
108 21.0 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 182.412 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

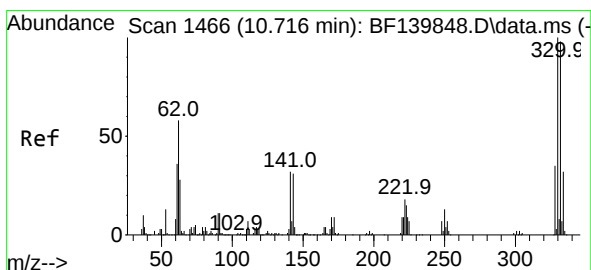
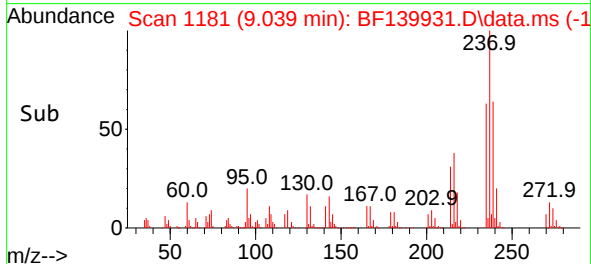
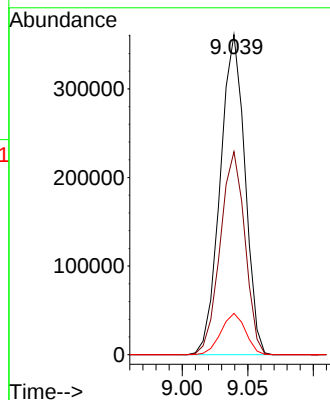
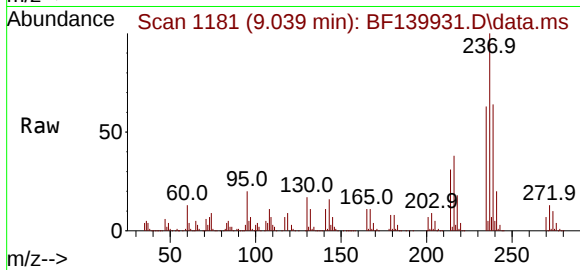
Tgt Ion:237 Resp: 473130

Ion Ratio Lower Upper

237 100

235 63.4 42.9 82.9

272 12.9 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 153.747 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

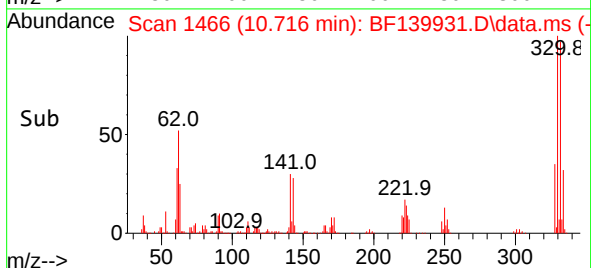
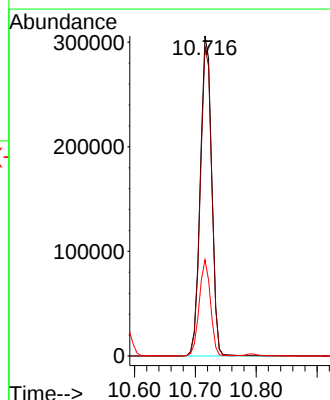
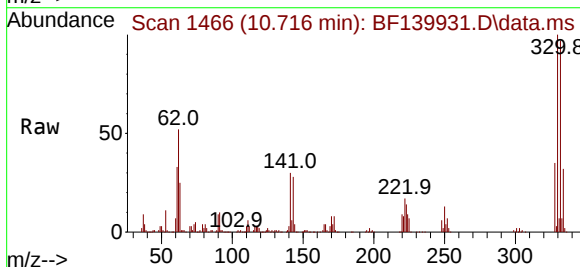
Tgt Ion:330 Resp: 397357

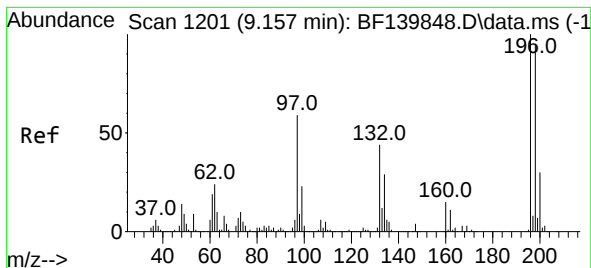
Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 29.6 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 56.761 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

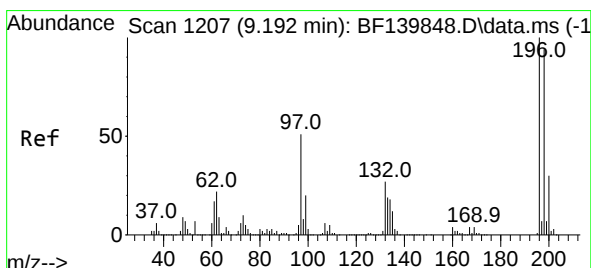
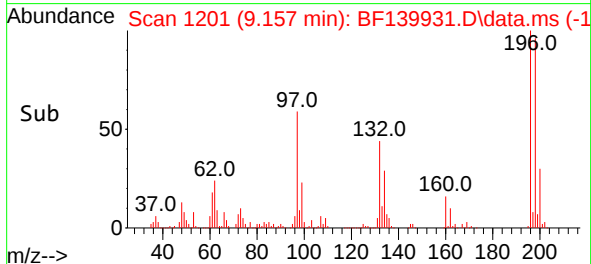
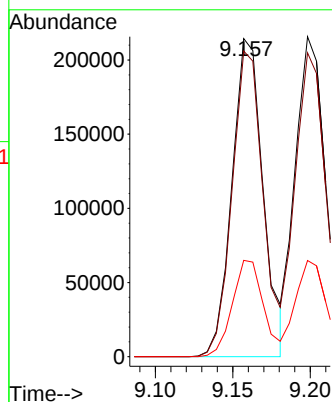
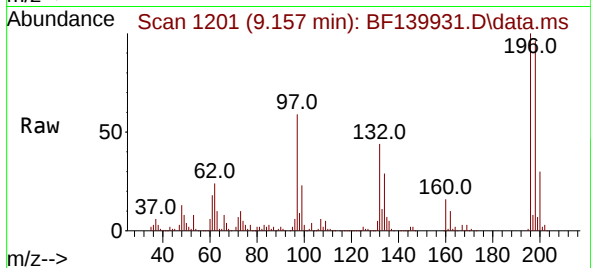
Tgt Ion:196 Resp: 299563

Ion Ratio Lower Upper

196 100

198 96.1 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 53.275 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Tgt Ion:196 Resp: 290085

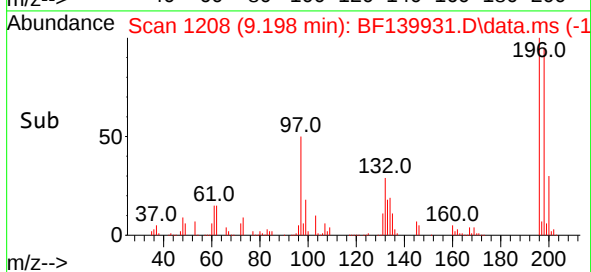
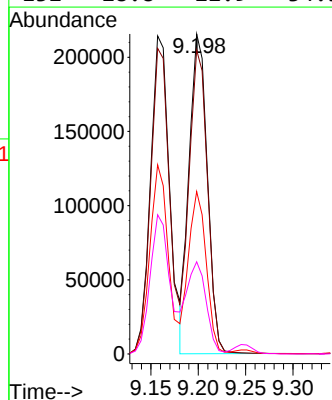
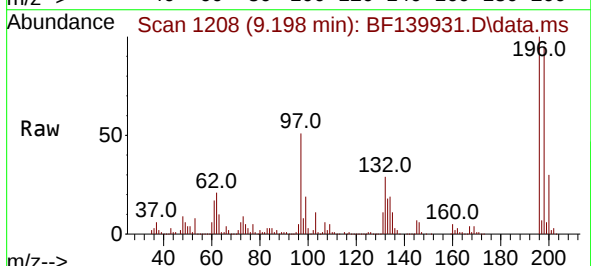
Ion Ratio Lower Upper

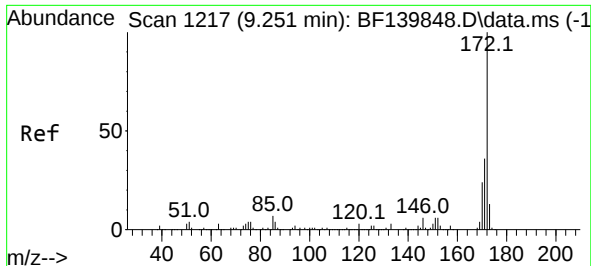
196 100

198 95.0 75.8 113.6

97 50.8 41.8 62.6

132 28.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 108.748 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

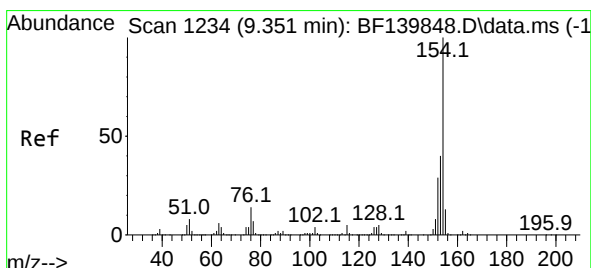
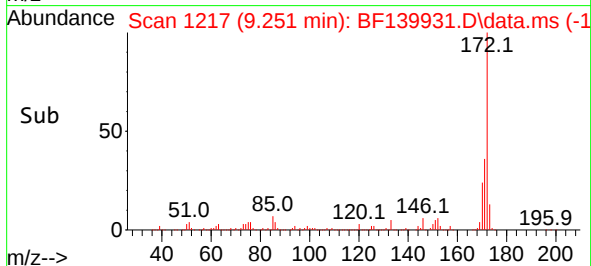
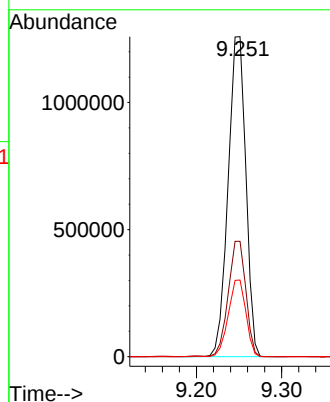
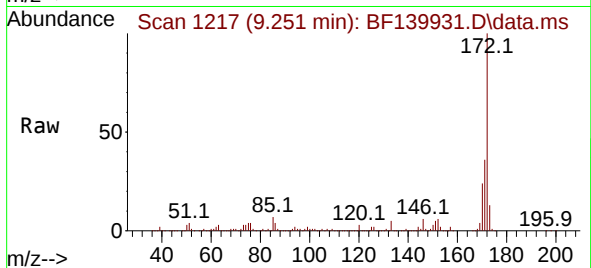
Tgt Ion:172 Resp: 1818113

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 54.388 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

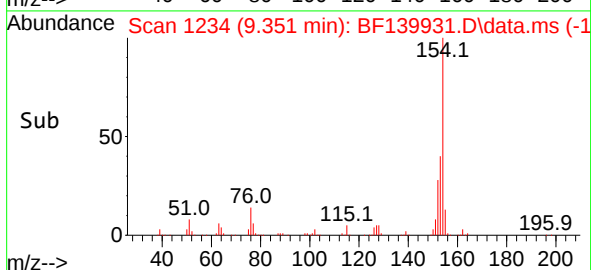
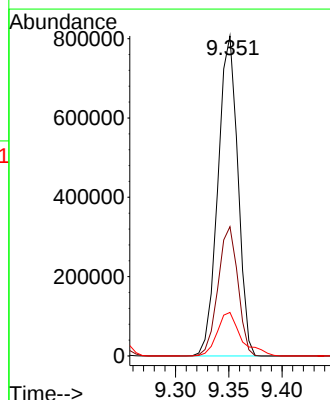
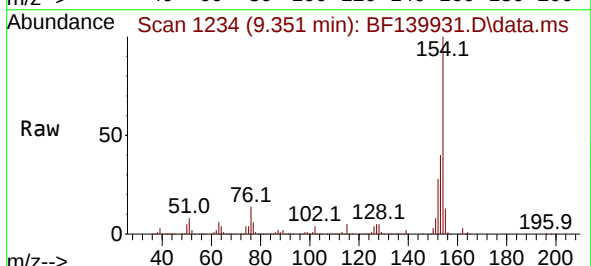
Tgt Ion:154 Resp: 1046149

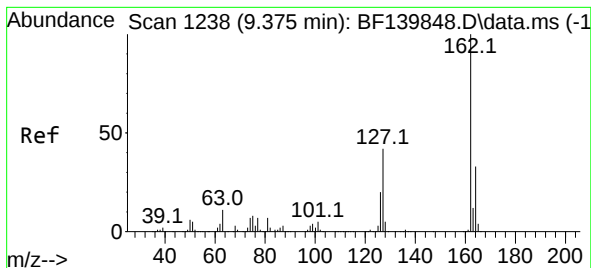
Ion Ratio Lower Upper

154 100

153 40.4 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 53.516 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

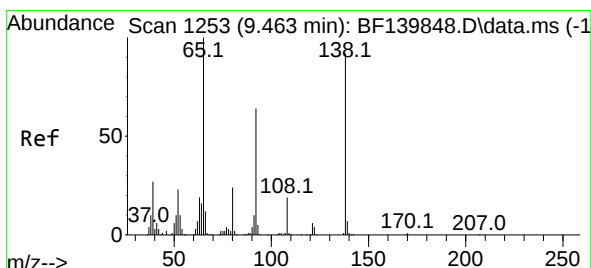
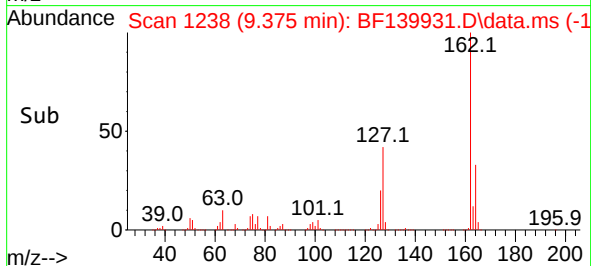
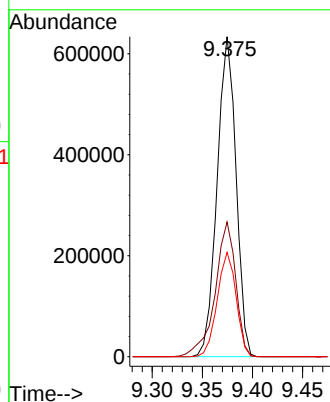
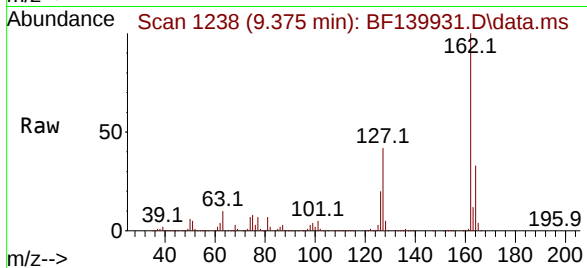
Tgt Ion:162 Resp: 829069

Ion Ratio Lower Upper

162 100

127 42.1 33.8 50.6

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 56.540 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

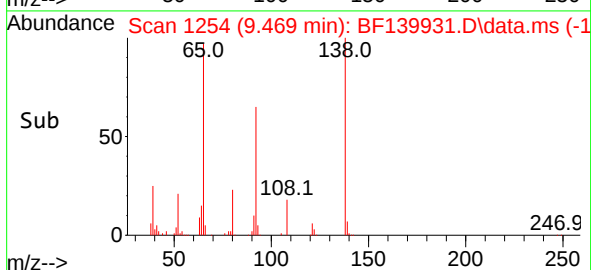
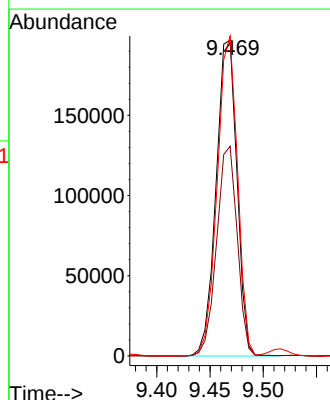
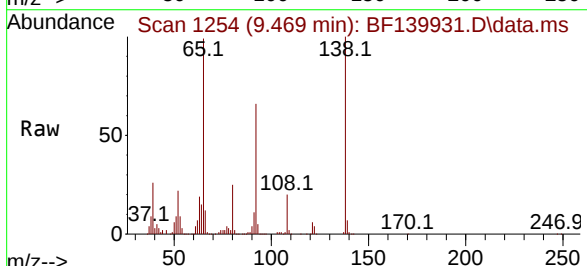
Tgt Ion: 65 Resp: 267894

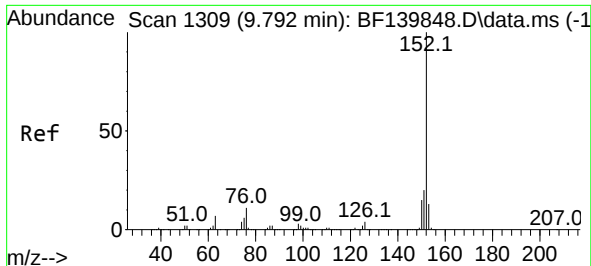
Ion Ratio Lower Upper

65 100

92 66.4 50.9 76.3

138 101.3 73.4 110.0

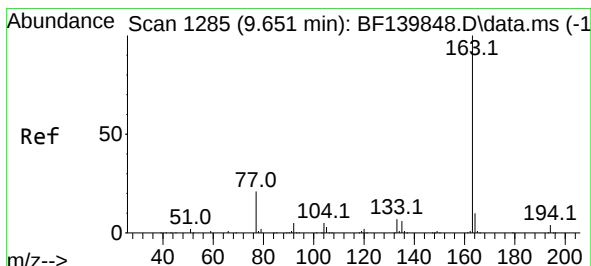
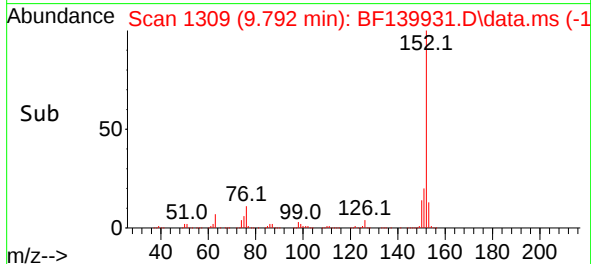
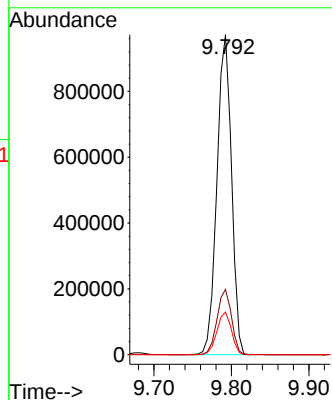
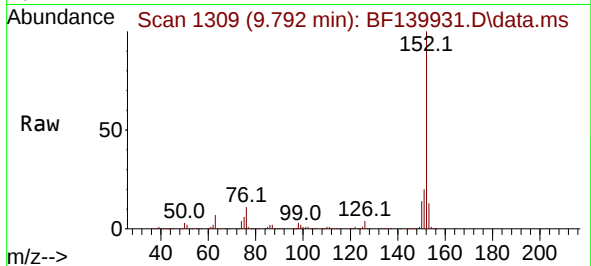




#49
Acenaphthylene
Concen: 56.548 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

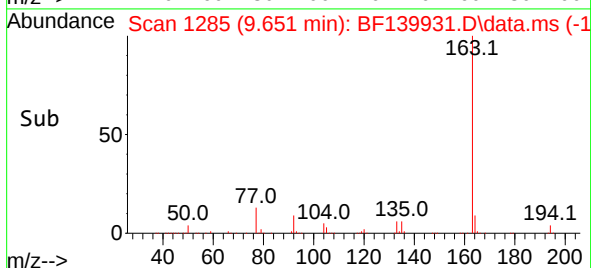
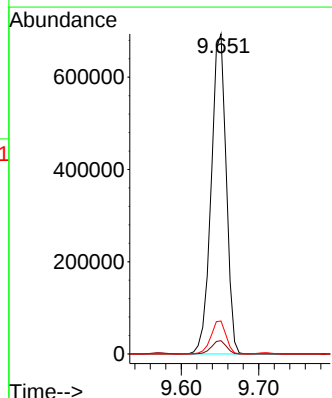
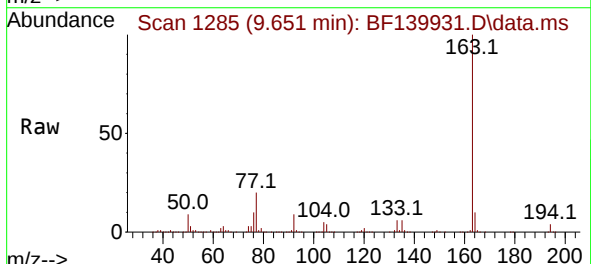
Instrument :
BNA_F
ClientSampleId :
IB-1MS

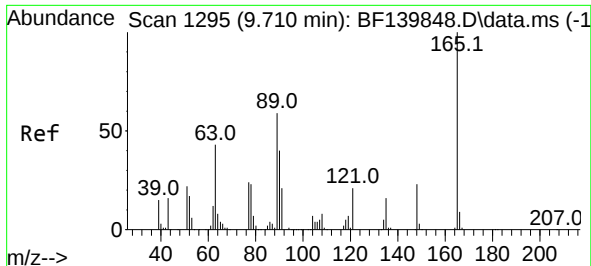
Tgt Ion:152 Resp: 1266499
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 54.116 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:163 Resp: 931371
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2

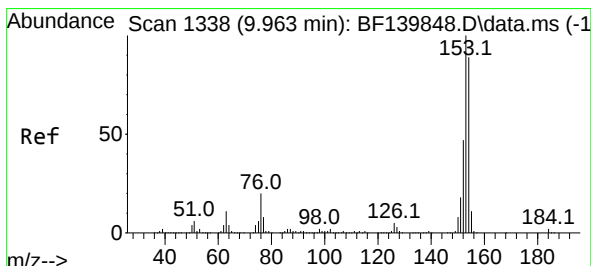
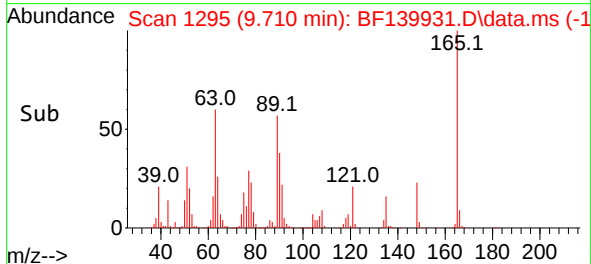
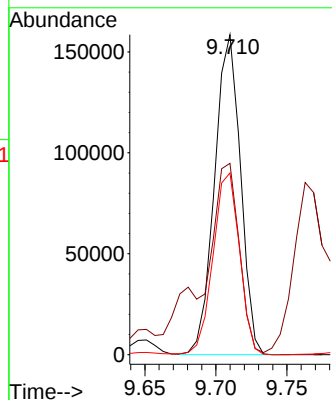
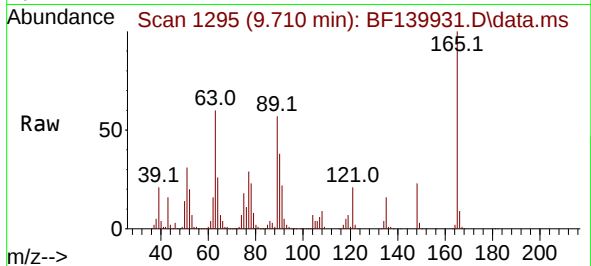




#51
2,6-Dinitrotoluene
Concen: 54.081 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

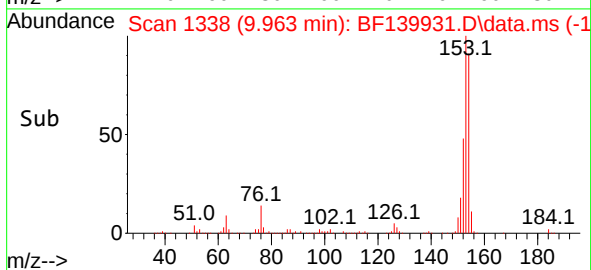
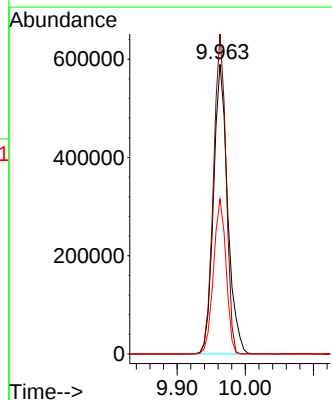
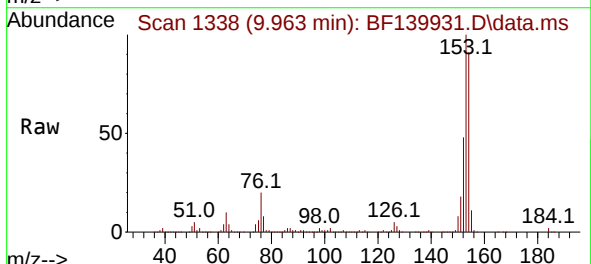
Instrument :
BNA_F
ClientSampleId :
IB-1MS

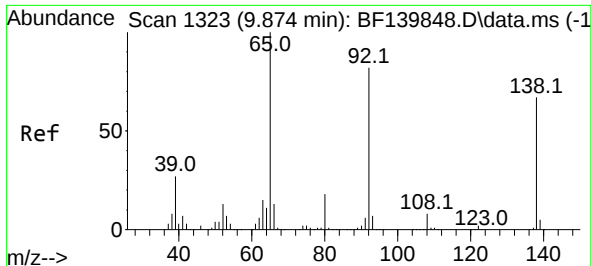
Tgt Ion:165 Resp: 201530
Ion Ratio Lower Upper
165 100
63 59.8 50.6 75.8
89 56.8 47.5 71.3



#52
Acenaphthene
Concen: 58.977 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:154 Resp: 854492
Ion Ratio Lower Upper
154 100
153 110.5 89.8 134.6
152 53.5 42.4 63.6

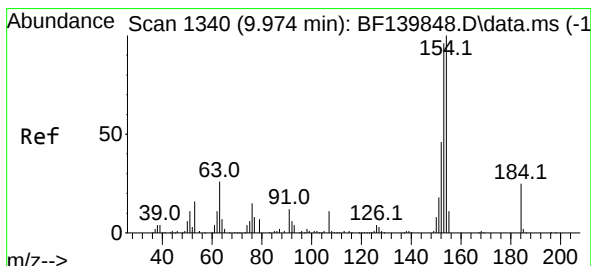
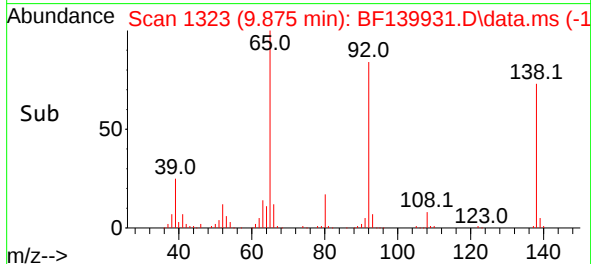
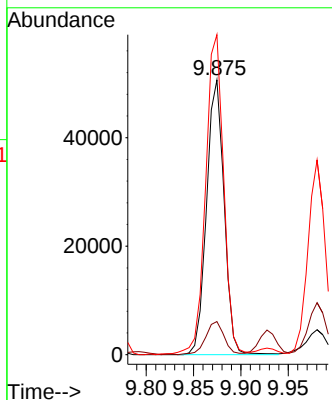
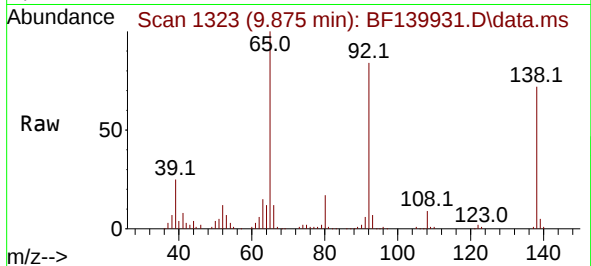




#53
3-Nitroaniline
Concen: 16.952 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

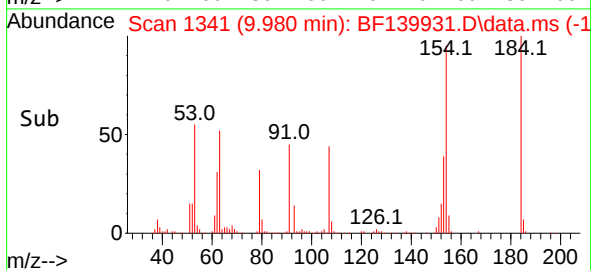
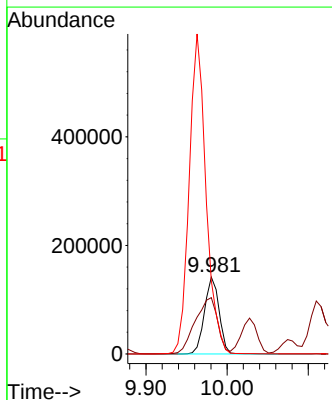
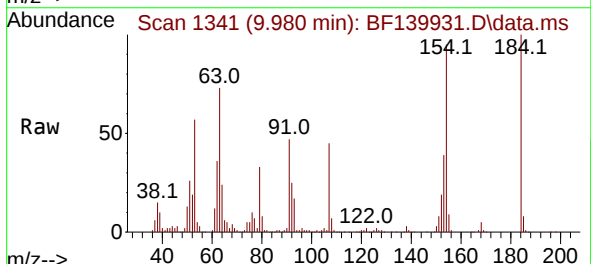
Instrument :
BNA_F
ClientSampleId :
IB-1MS

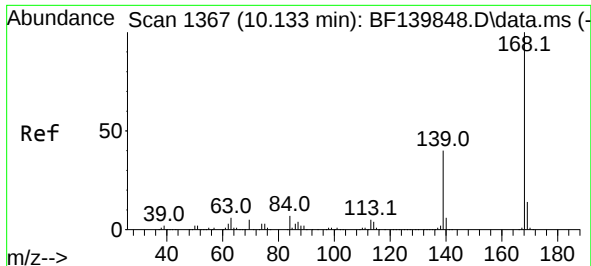
Tgt Ion:138 Resp: 65145
Ion Ratio Lower Upper
138 100
108 12.0 10.2 15.2
92 116.5 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 111.315 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:184 Resp: 176652
Ion Ratio Lower Upper
184 100
63 73.3 84.7 127.1#
154 95.2 338.2 507.2#

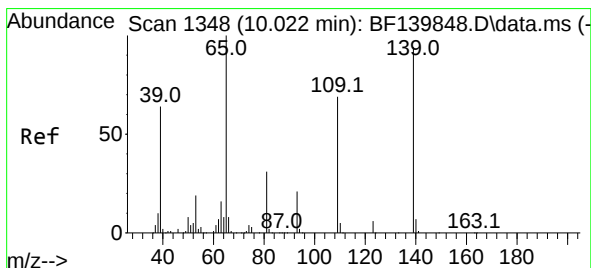
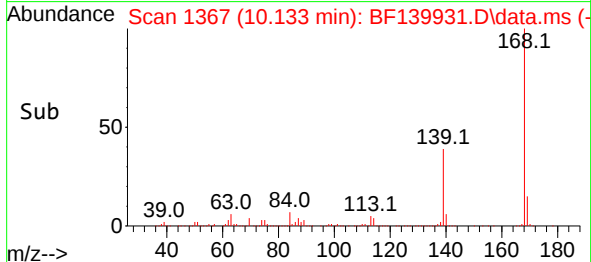
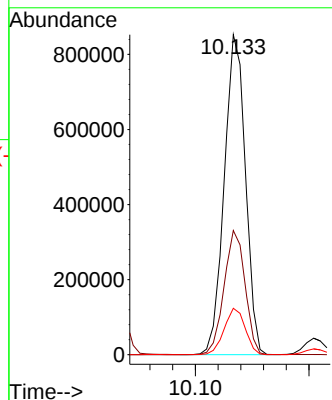
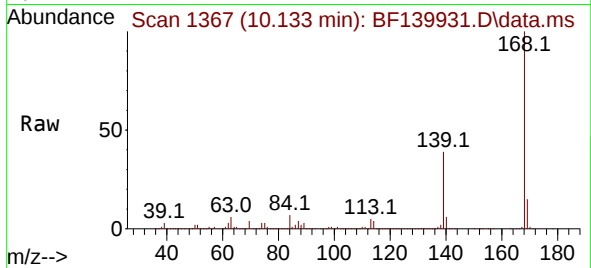




#55
Dibenzenofuran
Concen: 53.131 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

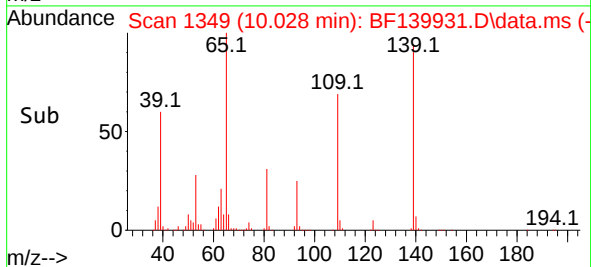
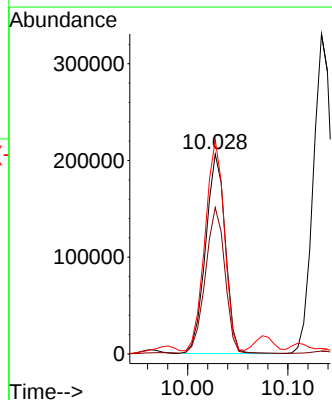
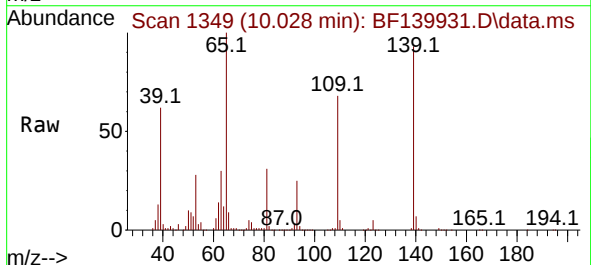
Instrument :
BNA_F
ClientSampleId :
IB-1MS

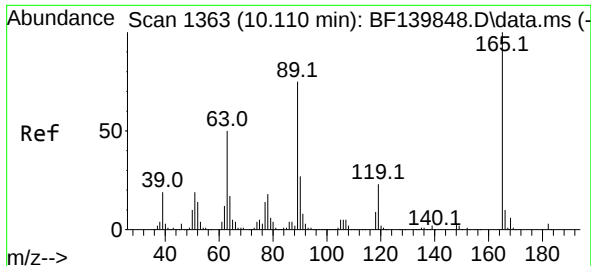
Tgt Ion:168 Resp: 1104475
Ion Ratio Lower Upper
168 100
139 38.8 31.8 47.6
169 14.5 11.6 17.4



#56
4-Nitrophenol
Concen: 95.079 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:139 Resp: 281102
Ion Ratio Lower Upper
139 100
109 73.2 53.6 93.6
65 107.1 87.8 127.8

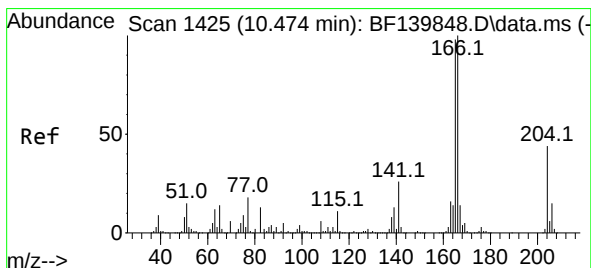
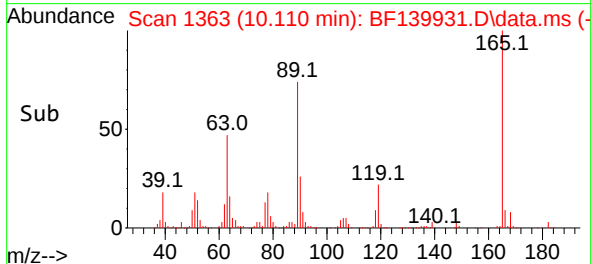
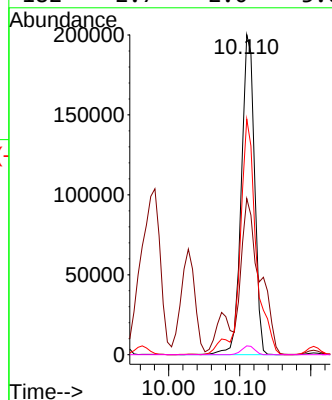
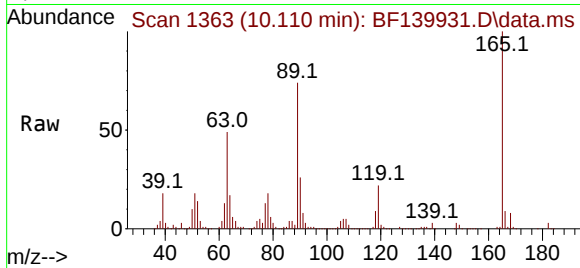




#57
2,4-Dinitrotoluene
Concen: 56.631 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

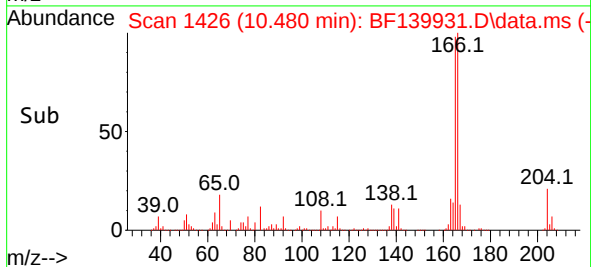
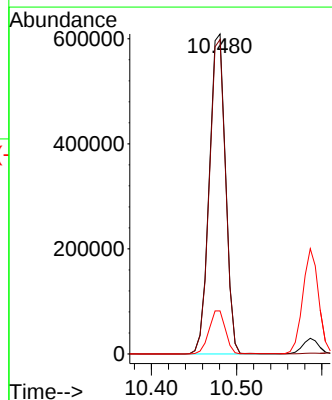
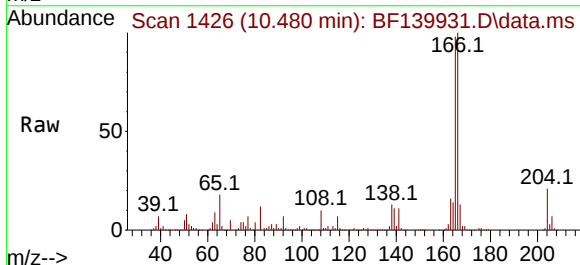
Instrument :
BNA_F
ClientSampleId :
IB-1MS

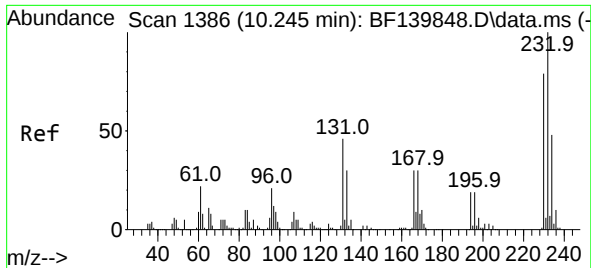
Tgt Ion:165 Resp: 259515
Ion Ratio Lower Upper
165 100
63 48.8 40.1 60.1
89 73.7 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 51.010 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:166 Resp: 807641
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 13.5 10.9 16.3

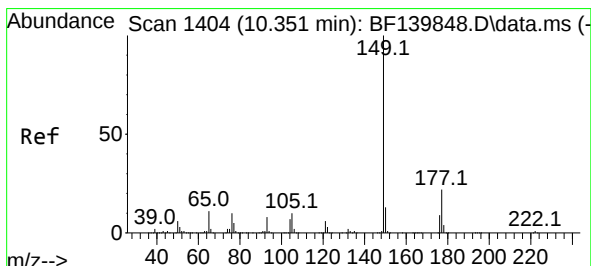
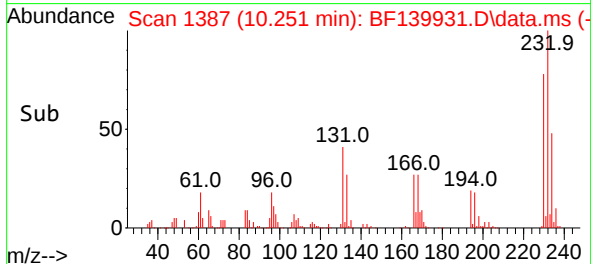
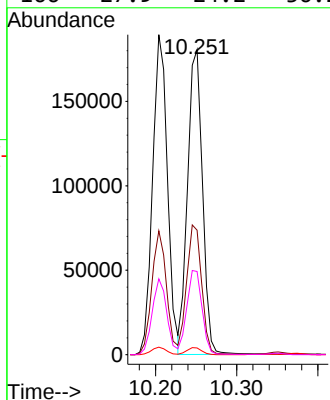
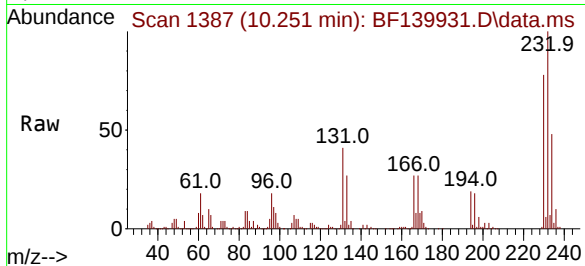




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.085 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

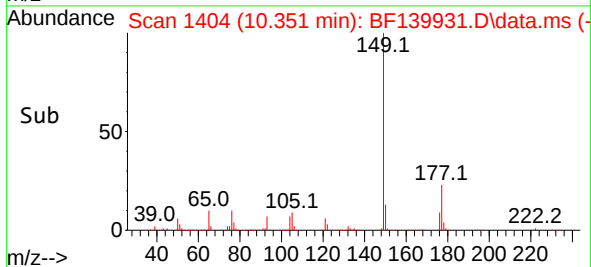
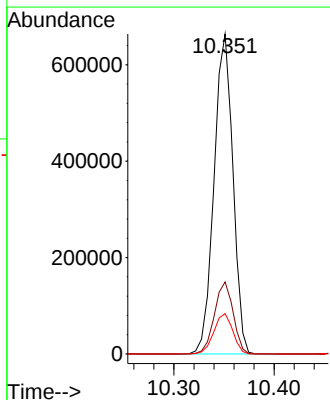
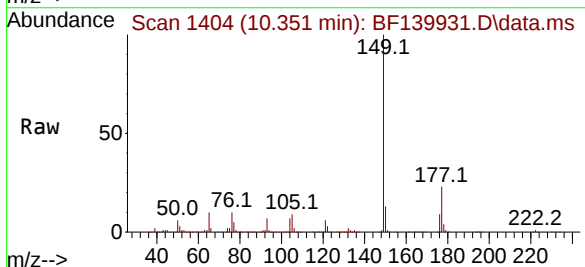
Instrument :
BNA_F
ClientSampleId :
IB-1MS

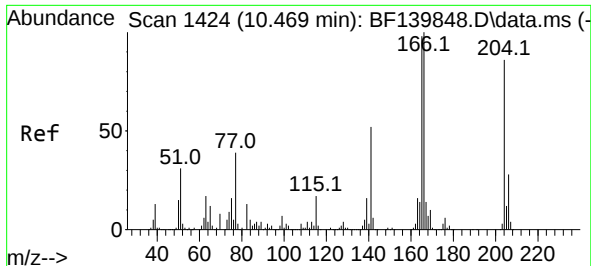
Tgt Ion:232 Resp: 230861
Ion Ratio Lower Upper
232 100
131 42.7 37.0 55.6
130 2.3 1.9 2.9
166 27.9 24.2 36.2



#60
Diethylphthalate
Concen: 51.293 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:149 Resp: 866761
Ion Ratio Lower Upper
149 100
177 22.5 17.9 26.9
150 12.6 10.1 15.1

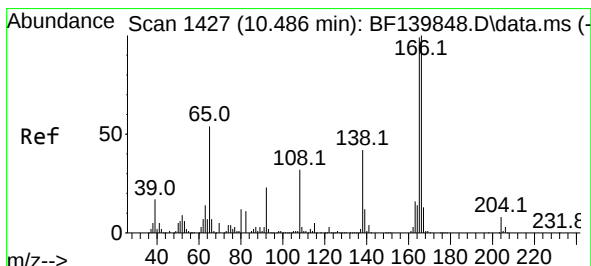
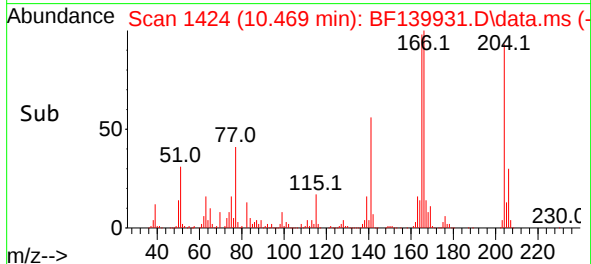
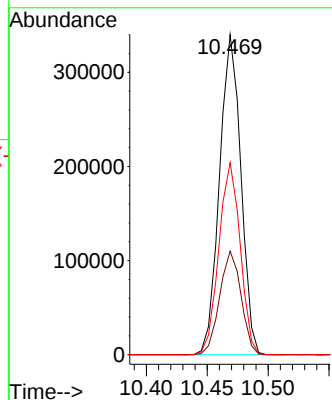
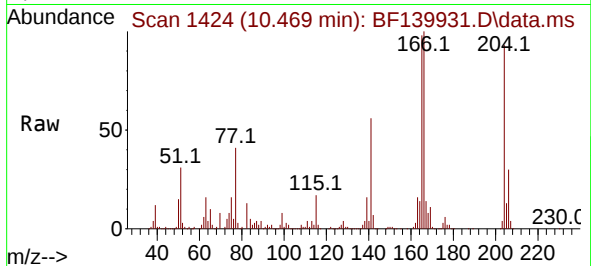




#61
4-Chlorophenyl-phenylether
Concen: 51.953 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

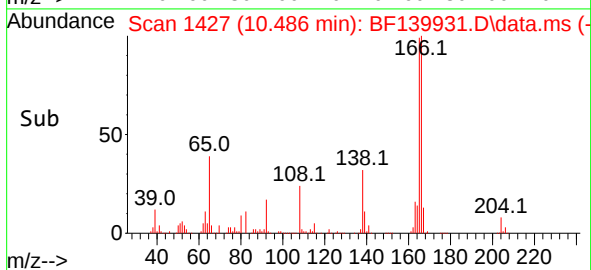
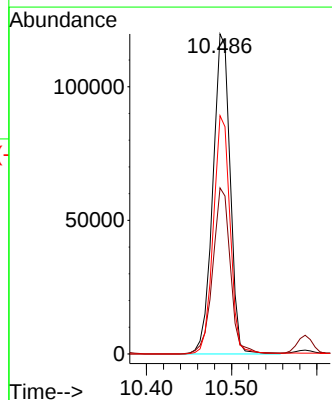
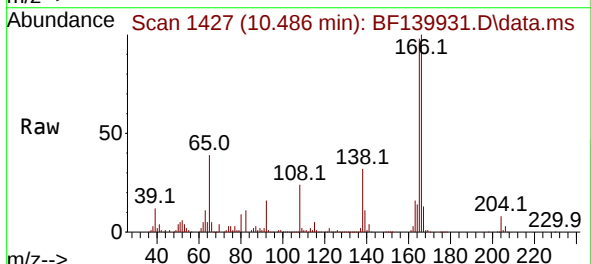
Instrument :
BNA_F
ClientSampleId :
IB-1MS

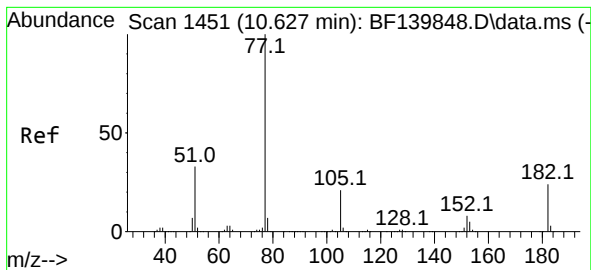
Tgt Ion:204 Resp: 415399
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.0 48.6 73.0



#62
4-Nitroaniline
Concen: 46.455 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:138 Resp: 168604
Ion Ratio Lower Upper
138 100
92 51.9 35.7 75.7
108 74.4 57.5 97.5





#63

Azobenzene

Concen: 50.129 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

Tgt Ion: 77 Resp: 898047

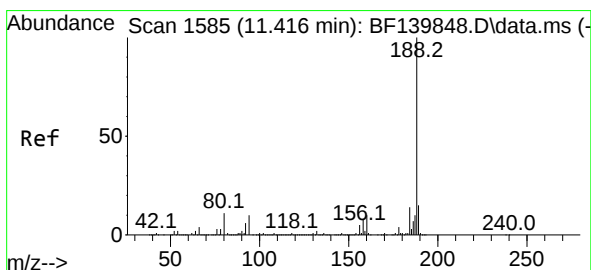
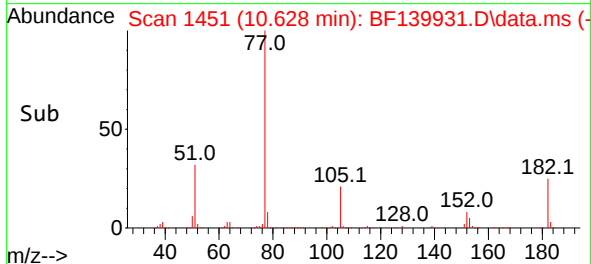
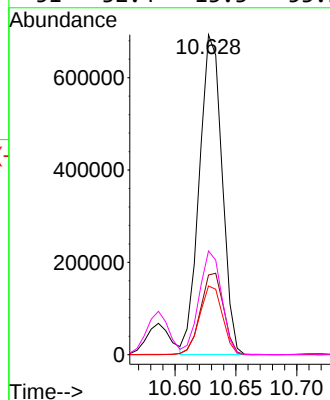
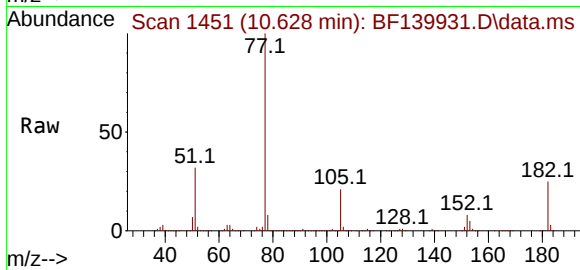
Ion Ratio Lower Upper

77 100

182 24.9 3.3 43.3

105 21.5 1.2 41.2

51 32.4 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

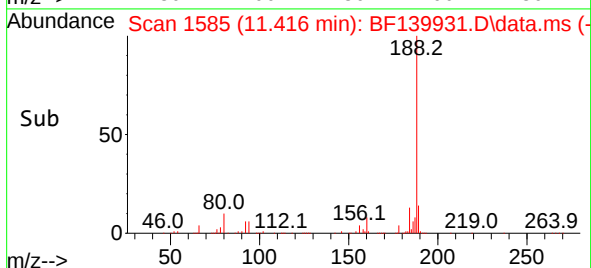
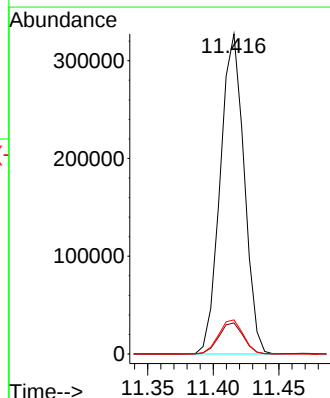
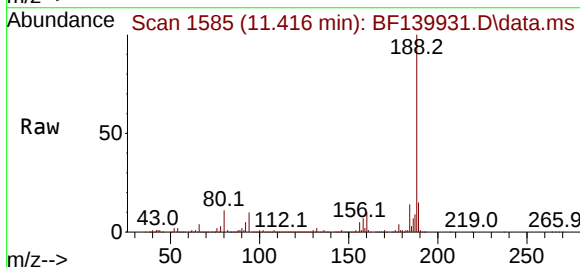
Tgt Ion:188 Resp: 414563

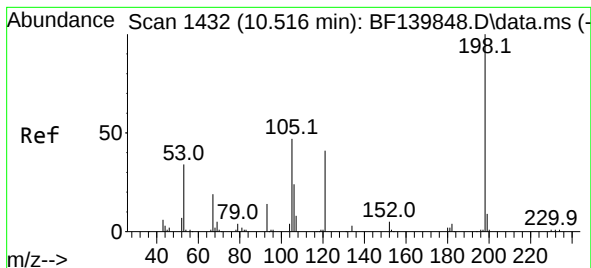
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 9.0 13.4

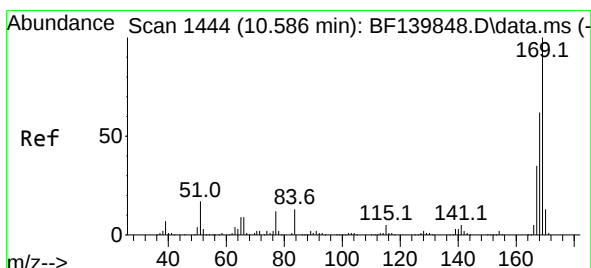
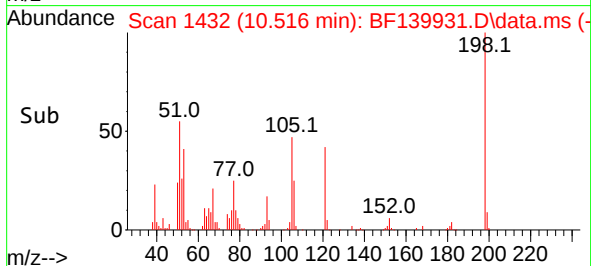
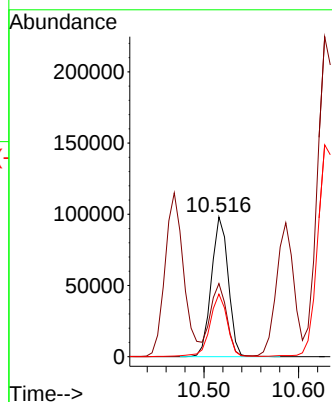
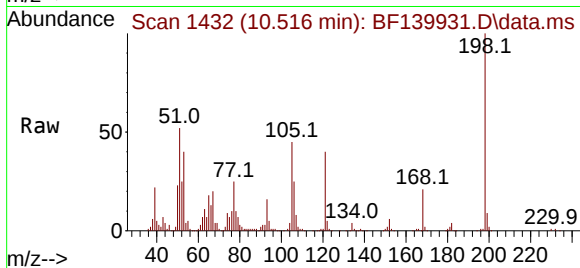




#65
4,6-Dinitro-2-methylphenol
Concen: 71.477 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

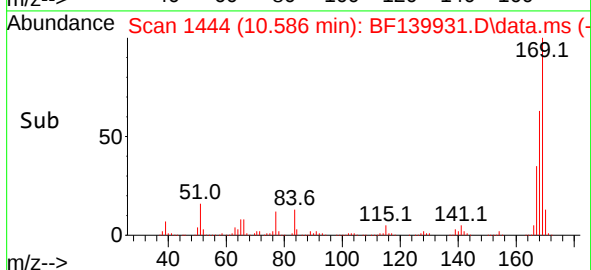
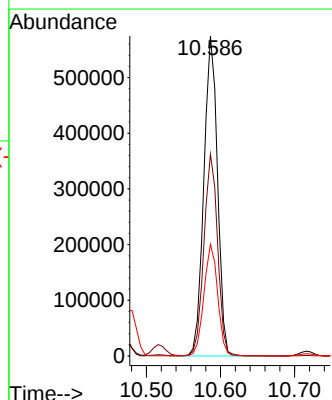
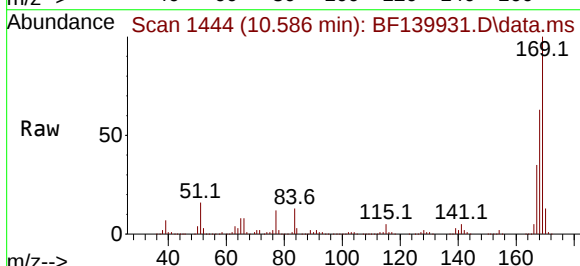
Instrument :
BNA_F
ClientSampleId :
IB-1MS

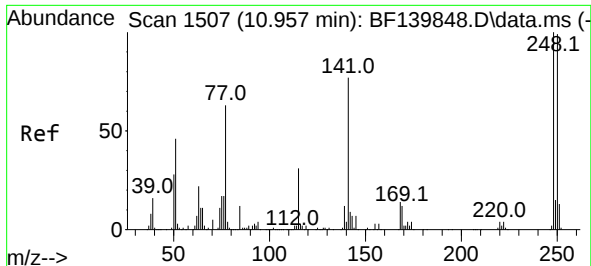
Tgt Ion:198 Resp: 120867
Ion Ratio Lower Upper
198 100
51 52.4 38.2 78.2
105 44.8 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 59.217 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:169 Resp: 734753
Ion Ratio Lower Upper
169 100
168 63.1 49.8 74.6
167 34.9 28.0 42.0

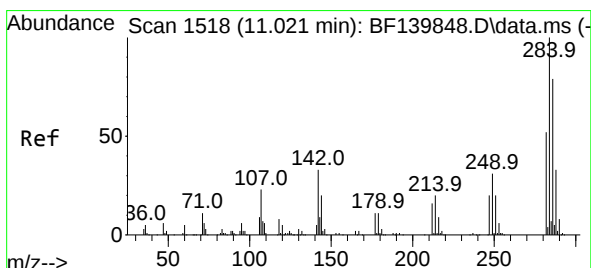
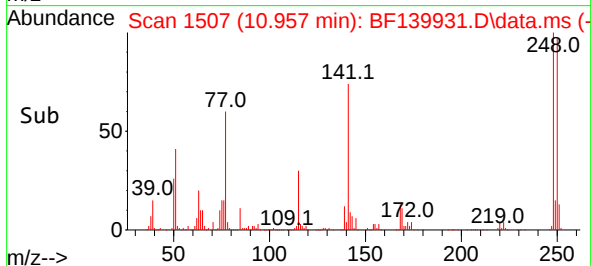
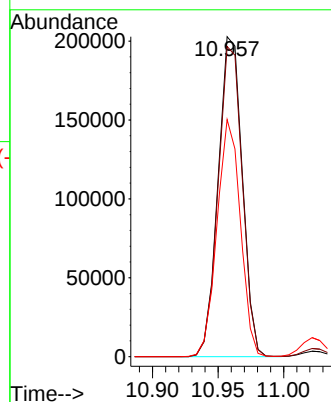
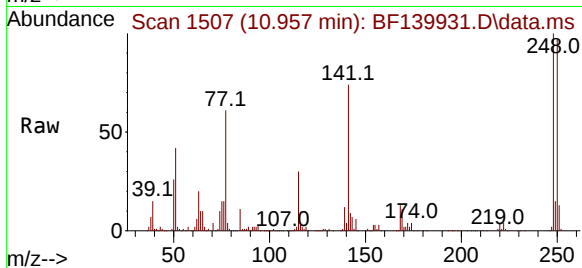




#67
4-Bromophenyl-phenylether
Concen: 60.905 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

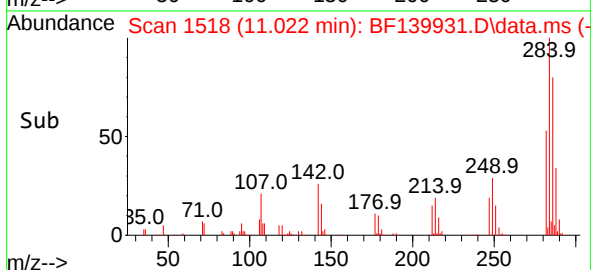
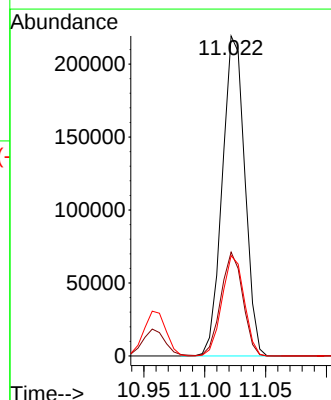
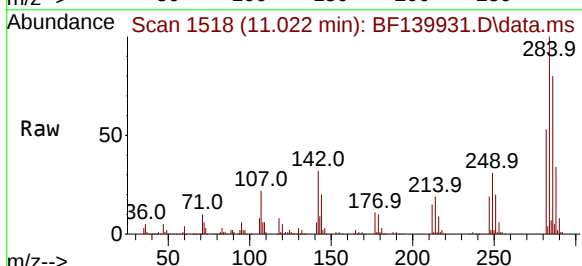
Instrument :
BNA_F
ClientSampleId :
IB-1MS

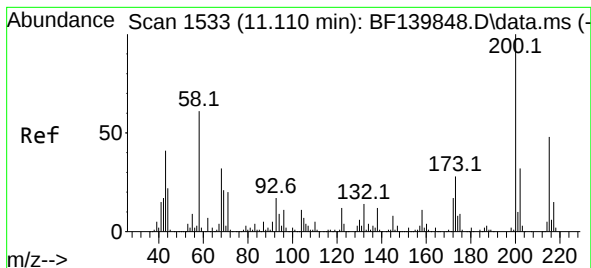
Tgt Ion:248 Resp: 260113
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.6
141 74.1 61.7 92.5



#68
Hexachlorobenzene
Concen: 58.610 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139931.D
Acq: 22 Oct 2024 16:30

Tgt Ion:284 Resp: 281515
Ion Ratio Lower Upper
284 100
142 32.5 26.9 40.3
249 31.3 25.3 37.9





#69

Atrazine

Concen: 65.963 ng

RT: 11.110 min Scan# 1533

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

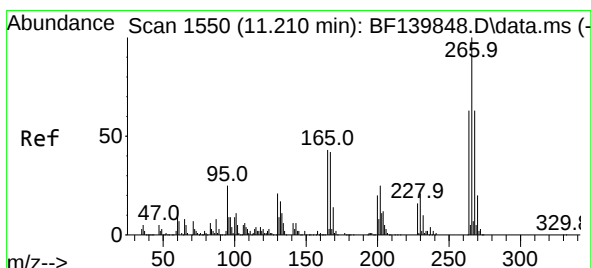
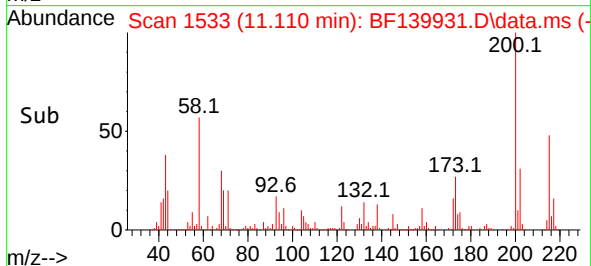
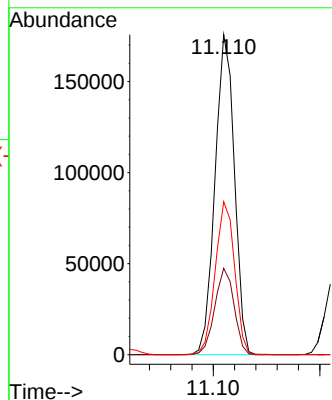
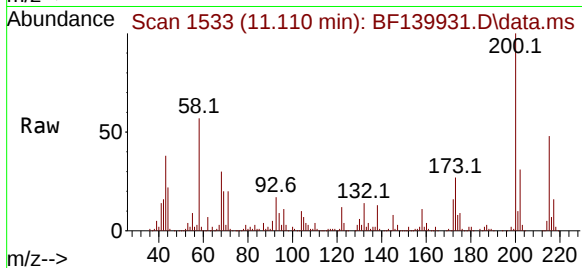
Tgt Ion:200 Resp: 221708

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

215 47.8 27.7 67.7



#70

Pentachlorophenol

Concen: 109.780 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

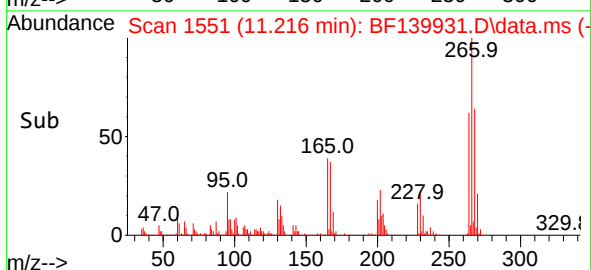
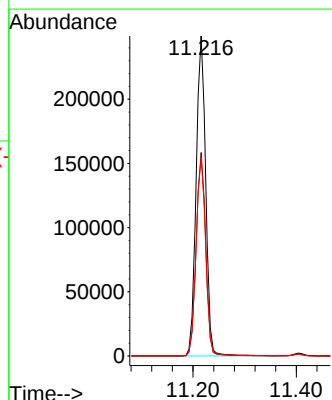
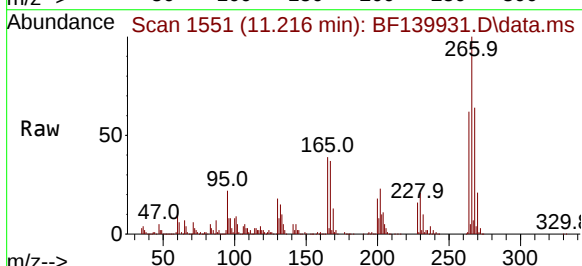
Tgt Ion:266 Resp: 320019

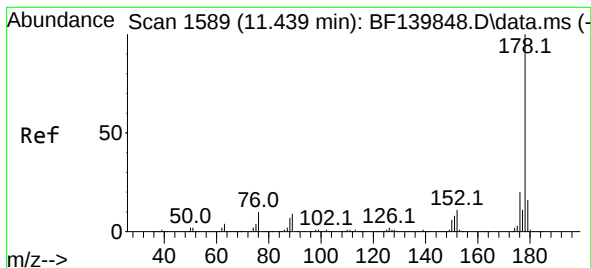
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.0 50.6 75.8





#71

Phenanthrene

Concen: 55.485 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

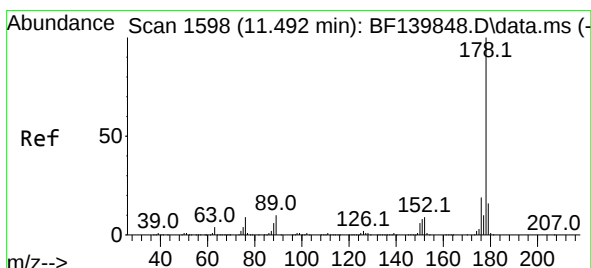
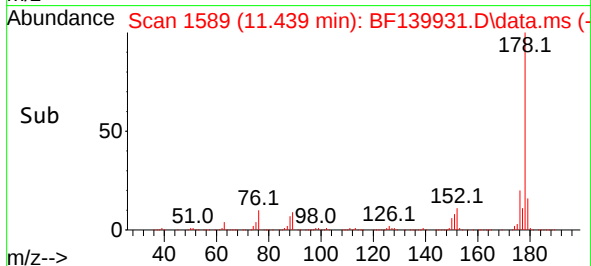
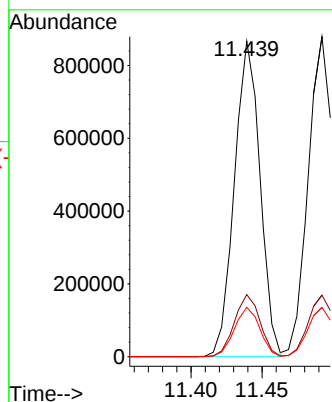
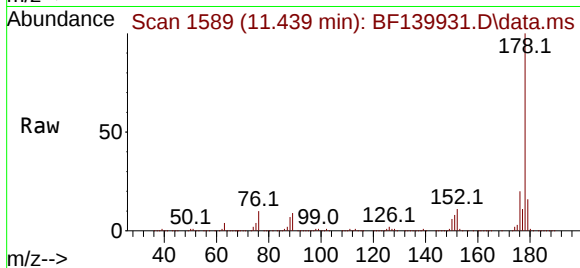
Tgt Ion:178 Resp: 1086525

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 57.521 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

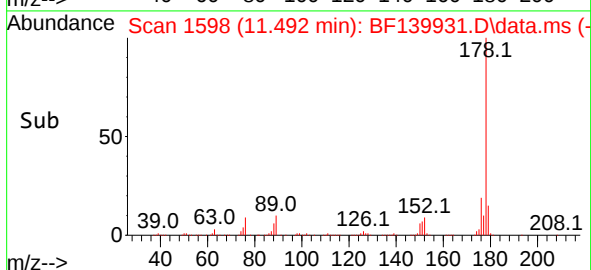
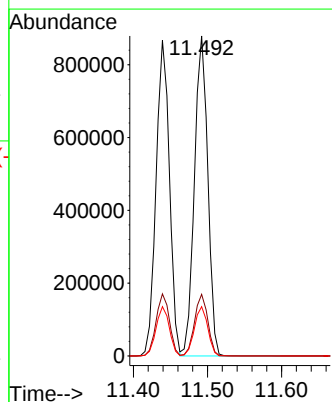
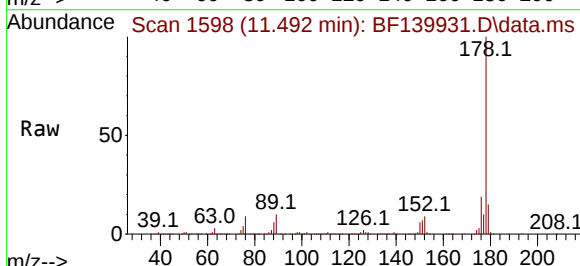
Tgt Ion:178 Resp: 1099002

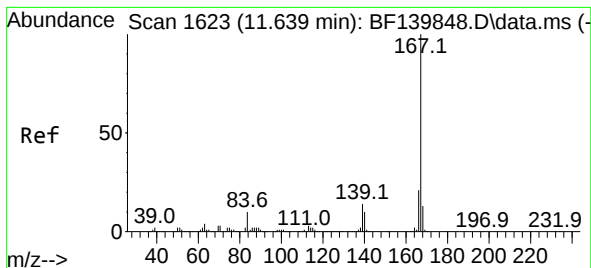
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.4 18.6





#73

Carbazole

Concen: 51.583 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

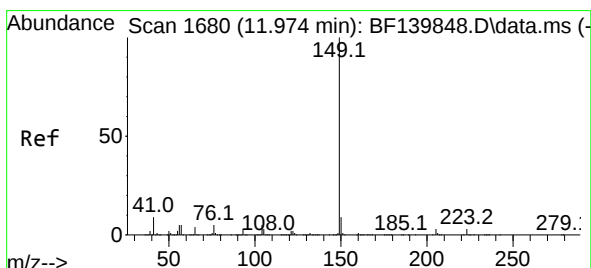
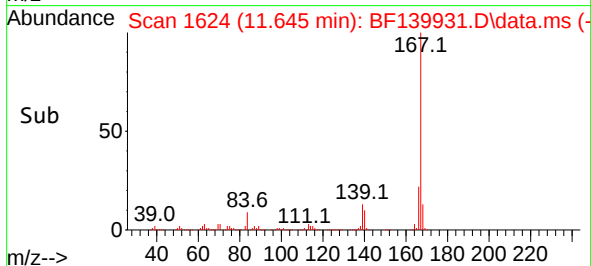
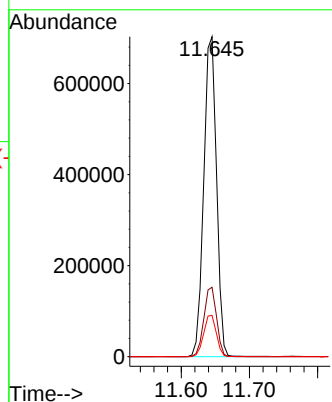
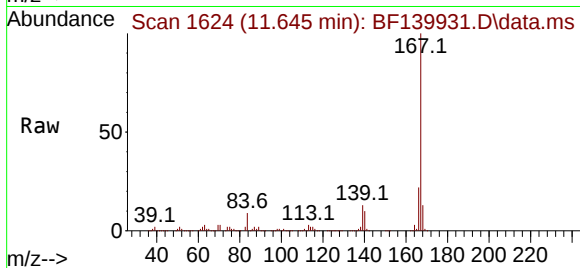
Tgt Ion:167 Resp: 916576

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.9 10.8 16.2



#74

Di-n-butylphthalate

Concen: 56.718 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

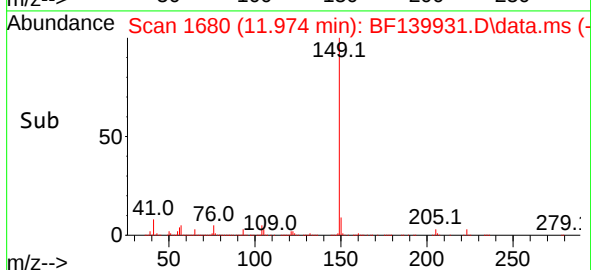
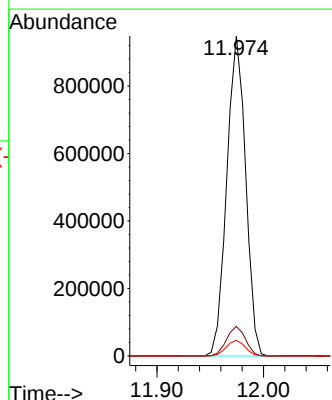
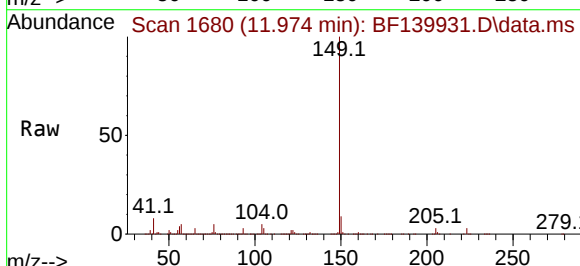
Tgt Ion:149 Resp: 1164376

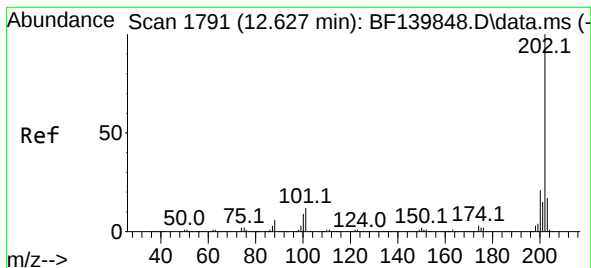
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 51.454 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

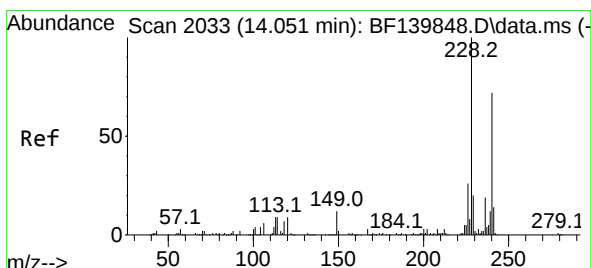
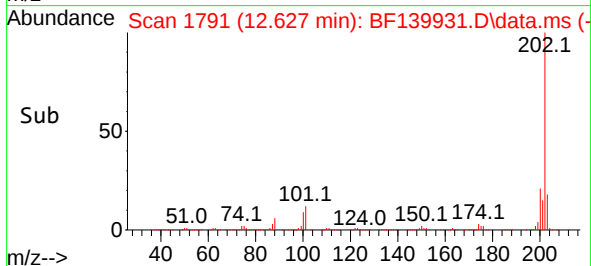
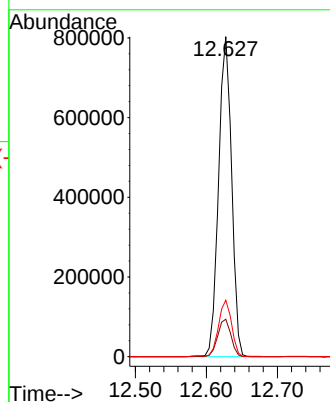
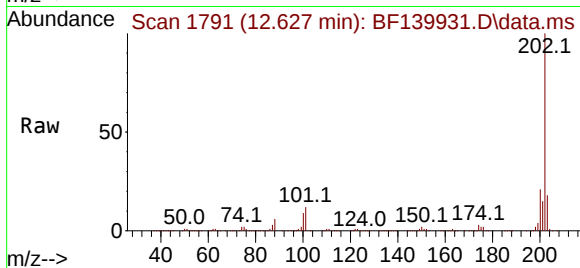
Tgt Ion:202 Resp: 1018589

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.9

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

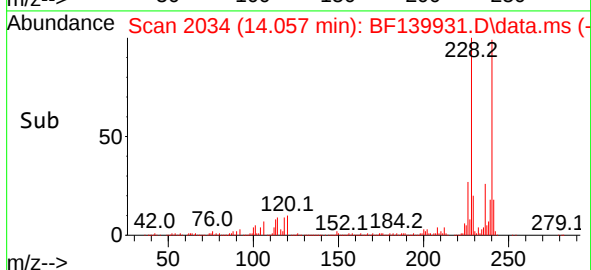
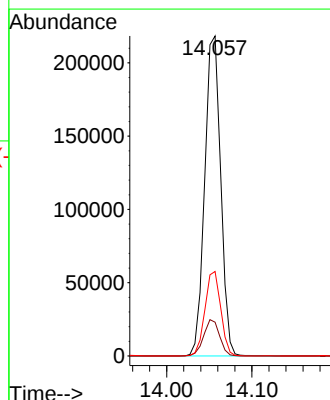
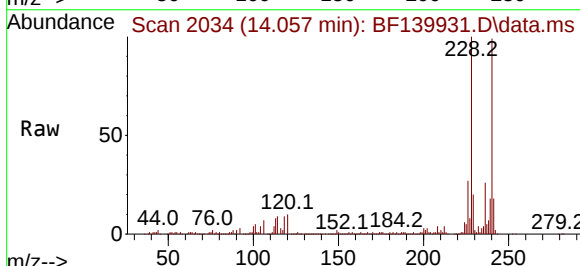
Tgt Ion:240 Resp: 284603

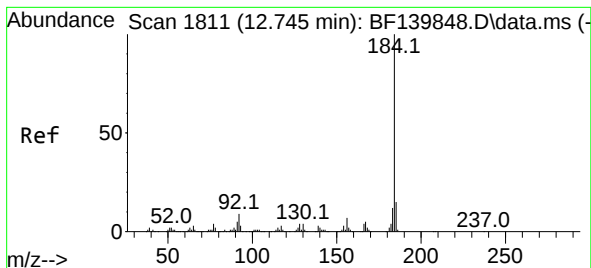
Ion Ratio Lower Upper

240 100

120 10.6 9.4 14.2

236 26.4 20.9 31.3





#77

Benzidine

Concen: 17.930 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

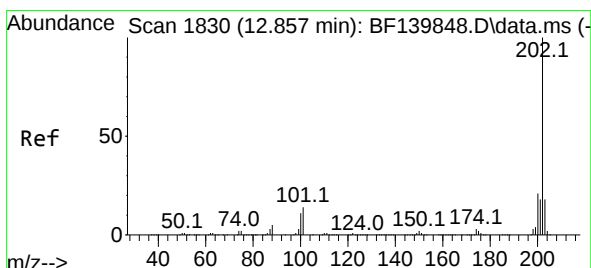
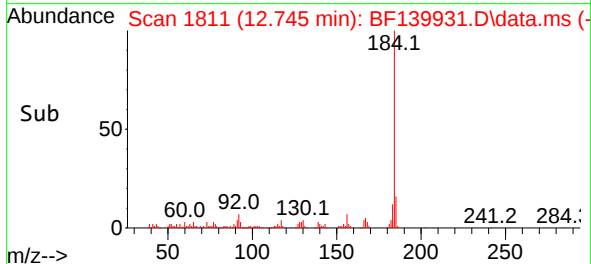
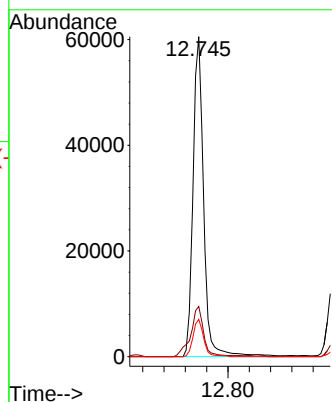
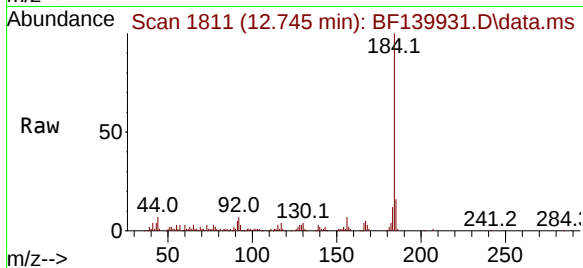
Tgt Ion:184 Resp: 83909

Ion Ratio Lower Upper

184 100

185 15.7 12.0 18.0

183 11.7 9.4 14.2



#78

Pyrene

Concen: 41.601 ng

RT: 12.857 min Scan# 1830

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

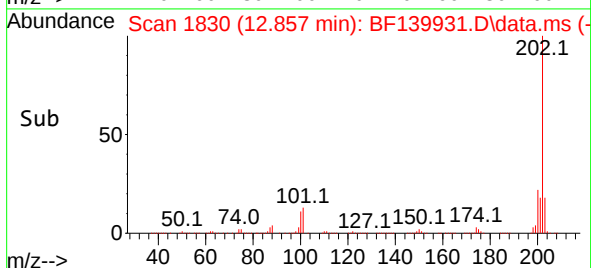
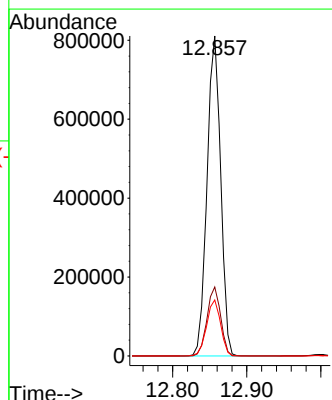
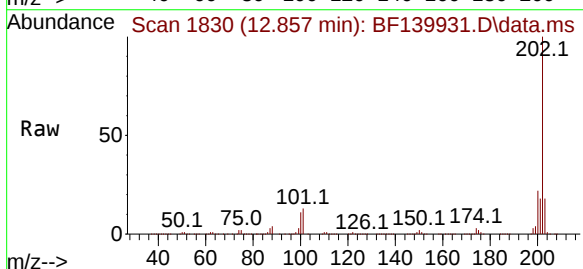
Tgt Ion:202 Resp: 1036361

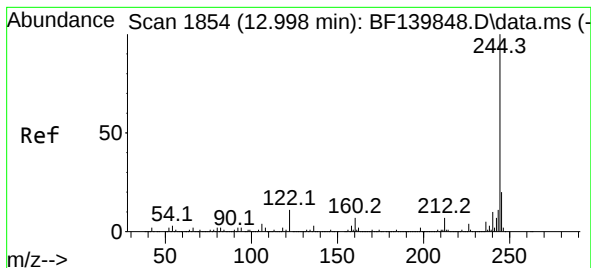
Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 87.983 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

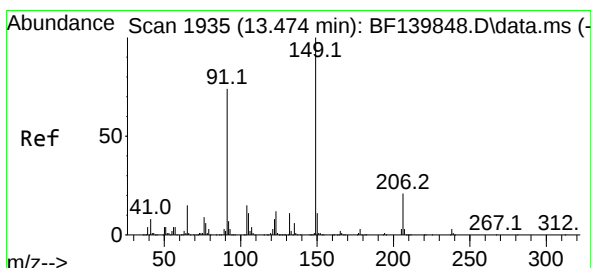
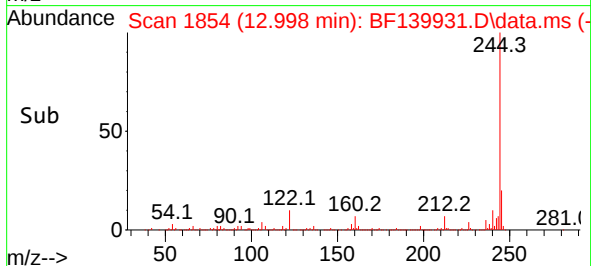
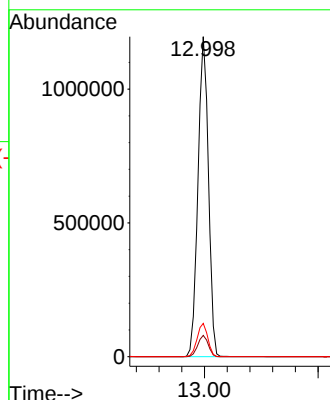
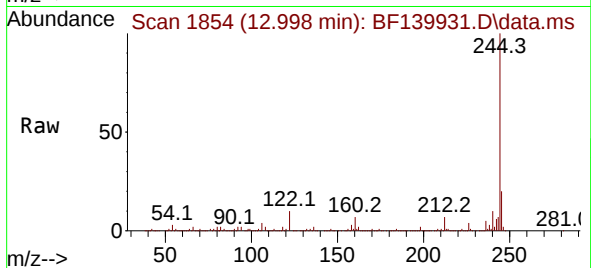
Tgt Ion:244 Resp: 1536699

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 58.936 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

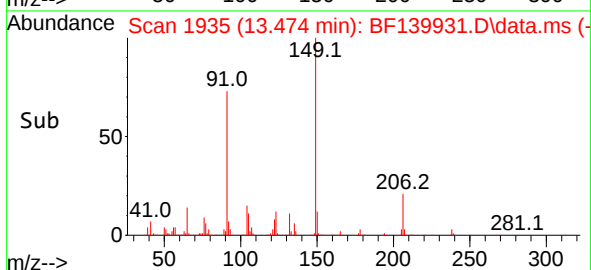
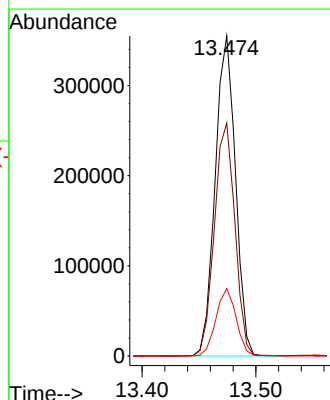
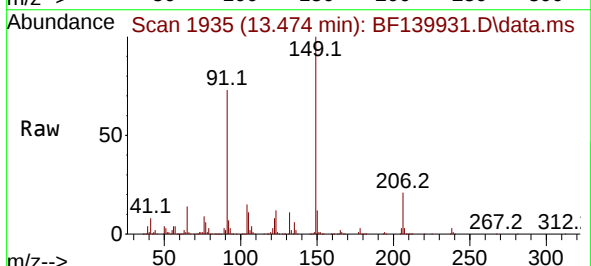
Tgt Ion:149 Resp: 440180

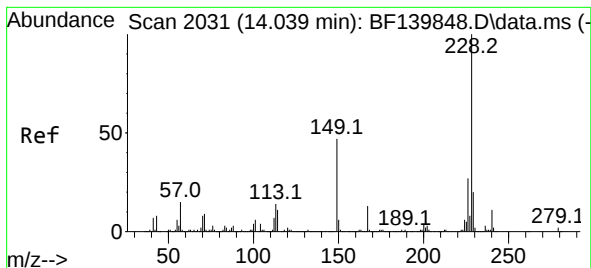
Ion Ratio Lower Upper

149 100

91 72.8 59.4 89.2

206 21.1 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.150 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

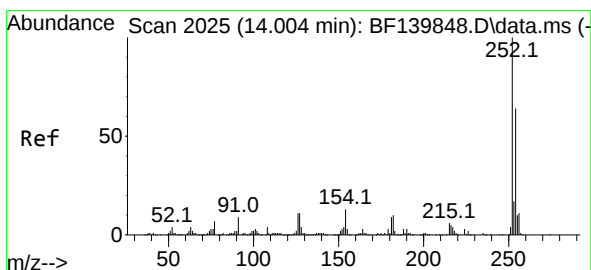
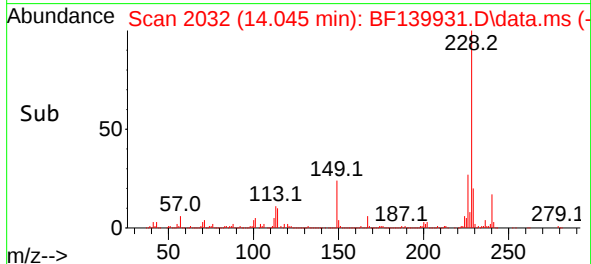
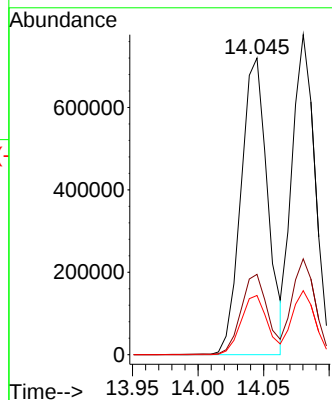
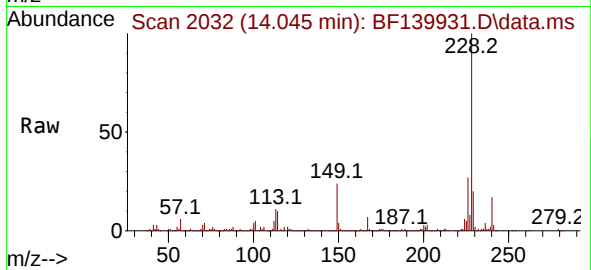
Tgt Ion:228 Resp: 1021745

Ion Ratio Lower Upper

228 100

226 27.1 21.6 32.4

229 19.9 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 24.940 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

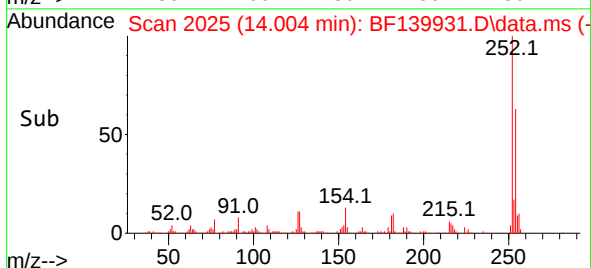
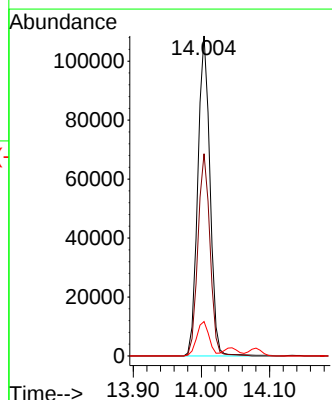
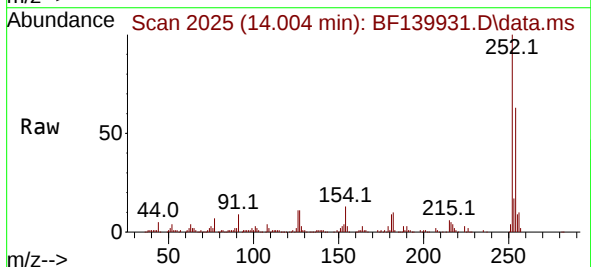
Tgt Ion:252 Resp: 134719

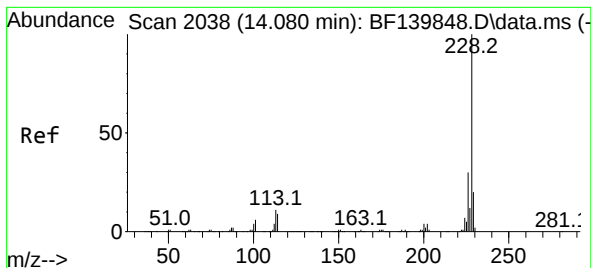
Ion Ratio Lower Upper

252 100

254 63.2 50.8 76.2

126 10.8 8.9 13.3





#83

Chrysene

Concen: 55.521 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

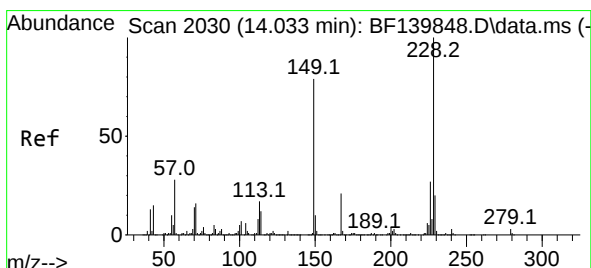
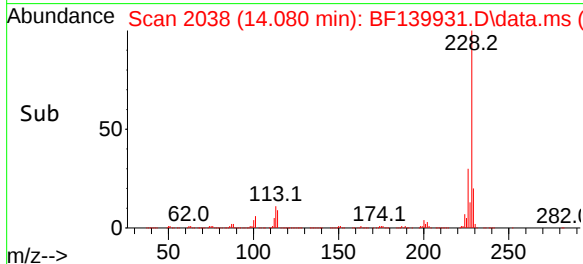
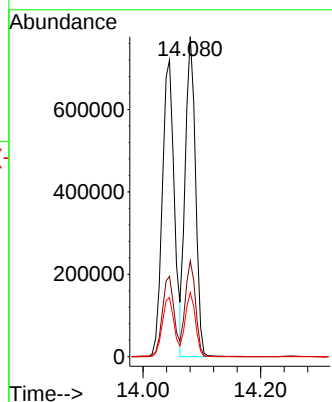
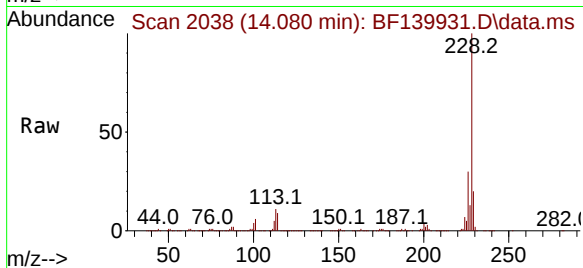
Tgt Ion:228 Resp: 943131

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.573 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

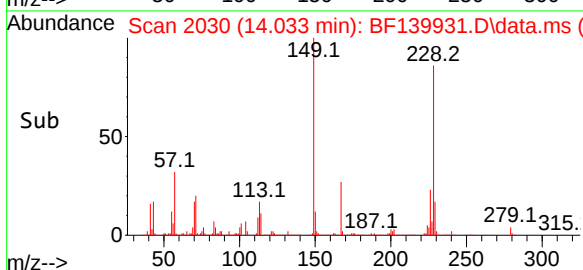
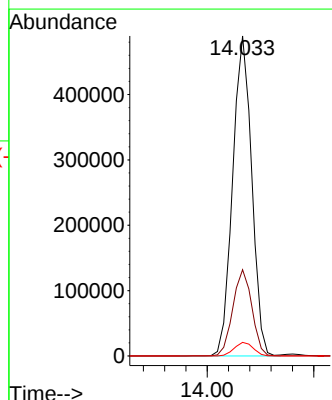
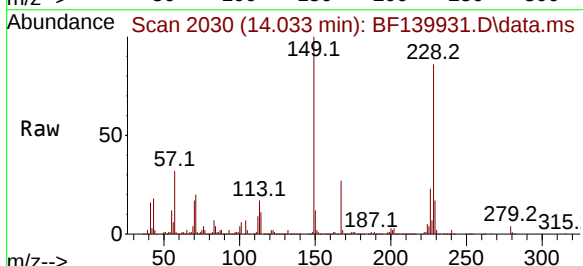
Tgt Ion:149 Resp: 608126

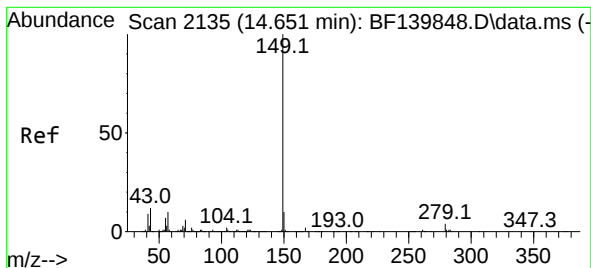
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.3 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 75.147 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

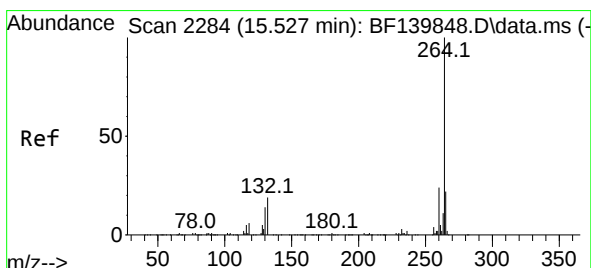
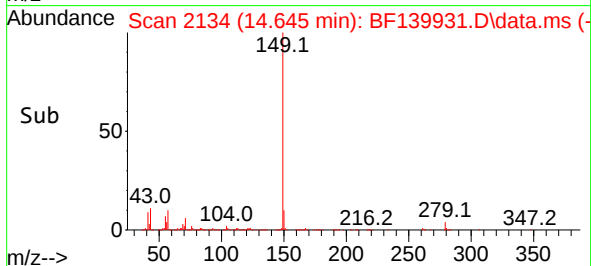
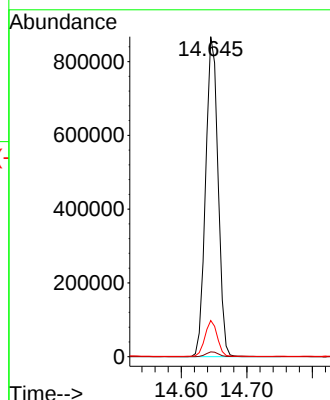
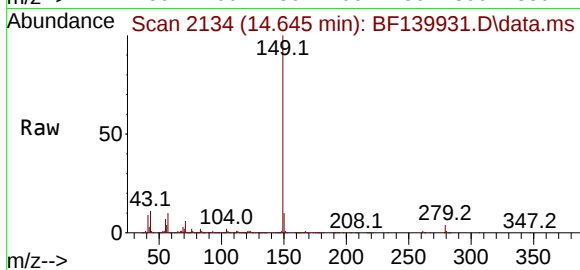
Tgt Ion:149 Resp: 1145348

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.0 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

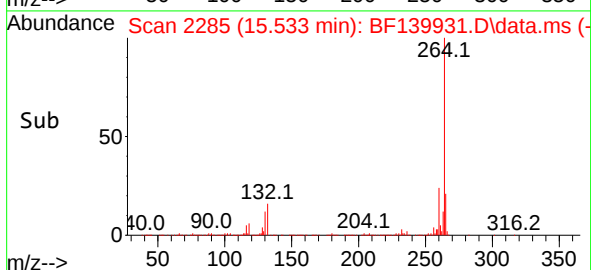
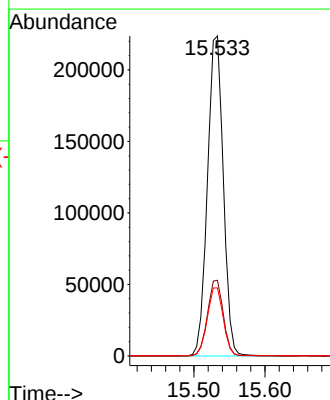
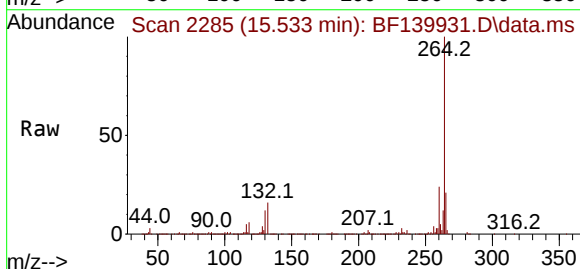
Tgt Ion:264 Resp: 347037

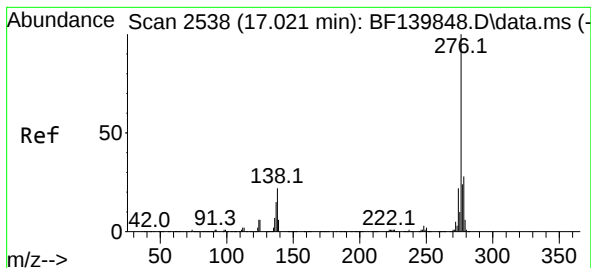
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 21.2 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.931 ng

RT: 17.027 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

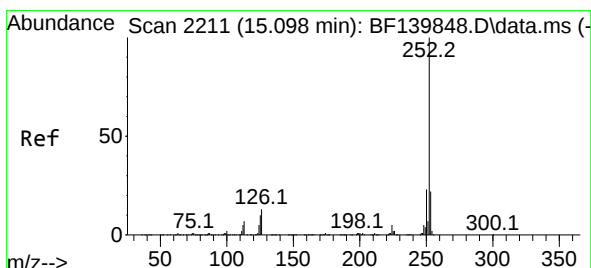
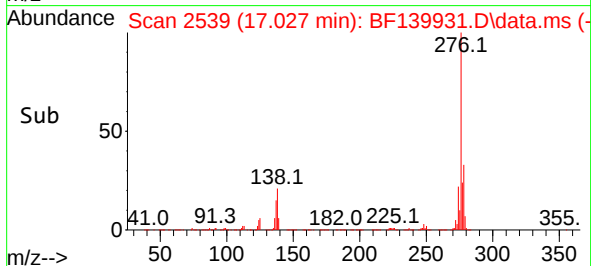
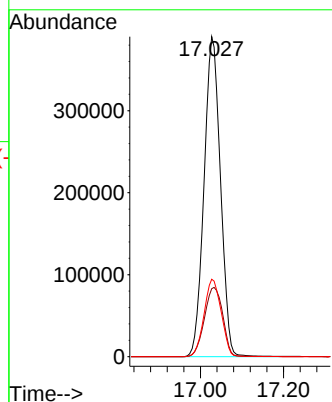
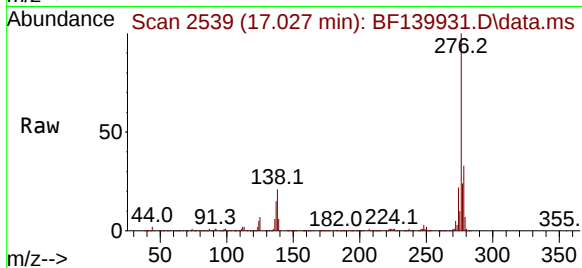
Tgt Ion:276 Resp: 1070099

Ion Ratio Lower Upper

276 100

138 24.3 20.4 30.6

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 56.551 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

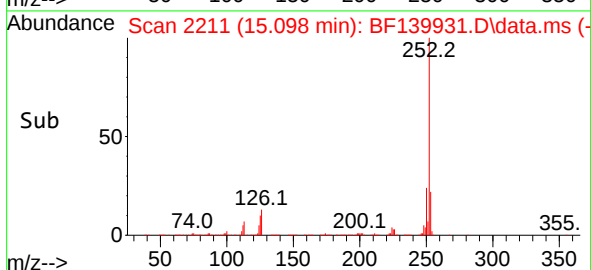
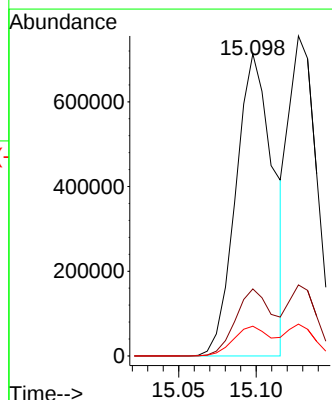
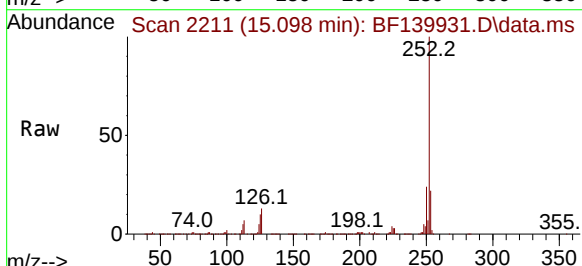
Tgt Ion:252 Resp: 1195498

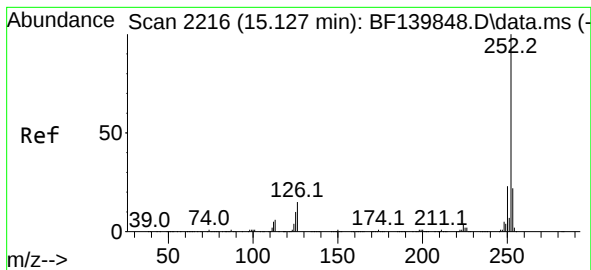
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 52.068 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

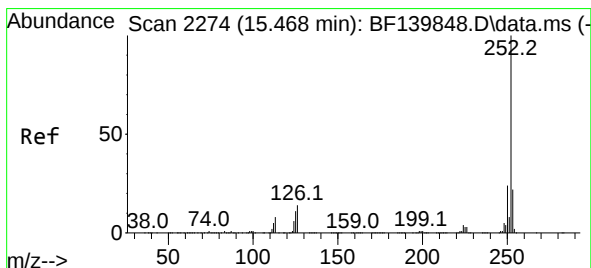
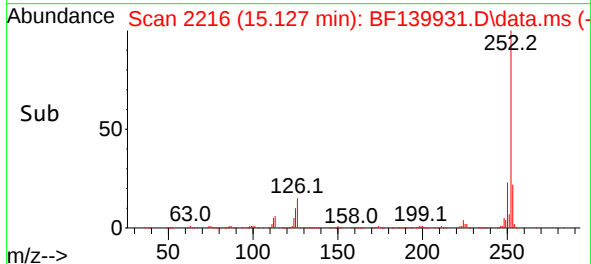
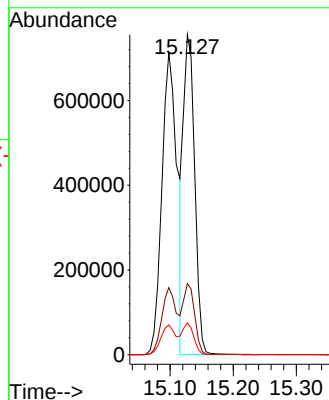
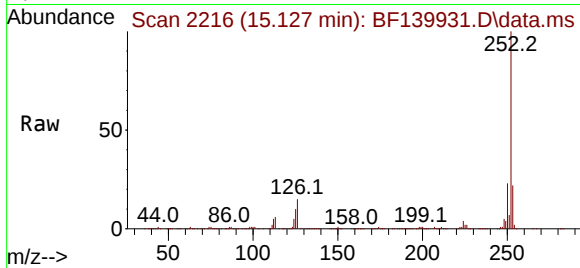
Tgt Ion:252 Resp: 949278

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 59.558 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

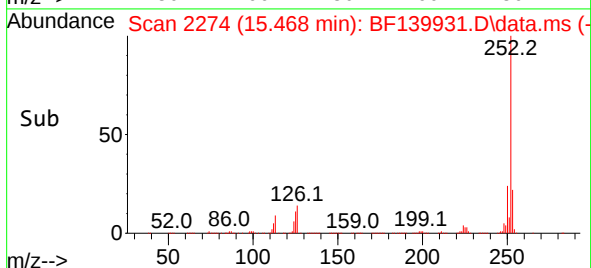
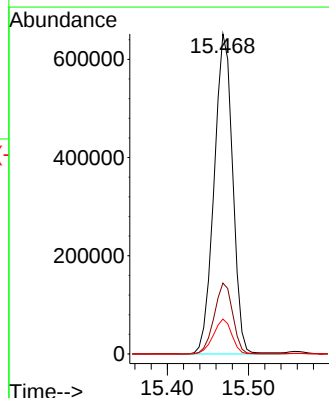
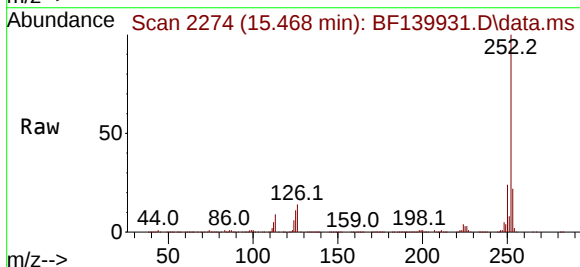
Tgt Ion:252 Resp: 1035991

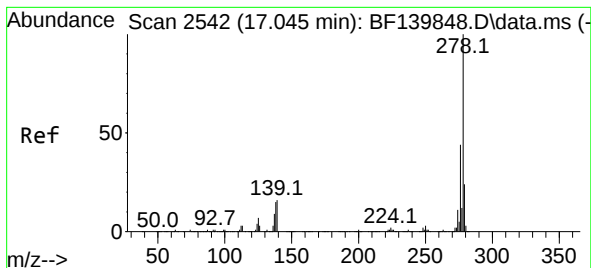
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 47.712 ng

RT: 17.051 min Scan# 2543

Delta R.T. 0.006 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Instrument :

BNA_F

ClientSampleId :

IB-1MS

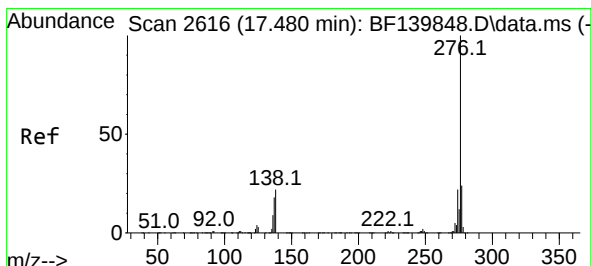
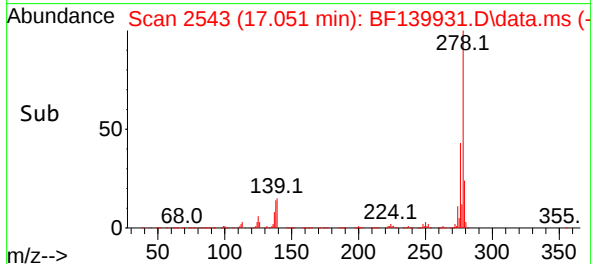
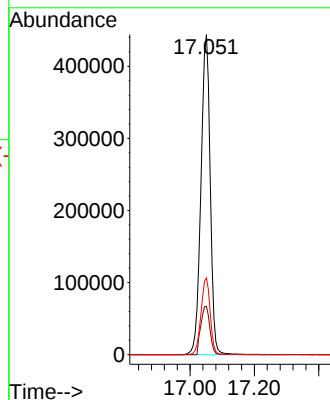
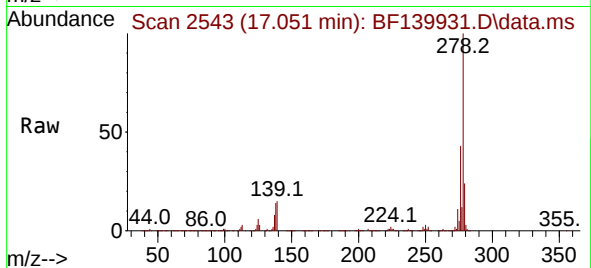
Tgt Ion:278 Resp: 888621

Ion Ratio Lower Upper

278 100

139 15.1 13.1 19.7

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 40.560 ng

RT: 17.480 min Scan# 2616

Delta R.T. 0.000 min

Lab File: BF139931.D

Acq: 22 Oct 2024 16:30

Tgt Ion:276 Resp: 754553

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 21.1 17.4 26.0

