

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139913.D
 Acq On : 21 Oct 2024 20:03
 Operator : RC/JU
 Sample : P4419-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

Quant Time: Oct 22 01:20:13 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	134451	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	448718	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	204924	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	353593	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	220529	20.000	ng	0.00
86) Perylene-d12	15.539	264	196259	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	857858	99.885	ng	0.02
7) Phenol-d6	6.510	99	1054994	94.844	ng	0.00
23) Nitrobenzene-d5	7.451	82	618716	76.421	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	212942	111.093	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	866645	69.894	ng	0.00
79) Terphenyl-d14	12.998	244	789654	58.347	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	185848	46.412	ng	97
3) Pyridine	3.498	79	474063	47.762	ng	99
4) n-Nitrosodimethylamine	3.451	42	270902	50.800	ng	99
6) Aniline	6.557	93	362438	34.961	ng	97
8) 2-Chlorophenol	6.675	128	437529	49.833	ng	99
9) Benzaldehyde	6.439	77	108682	17.368	ng	98
10) Phenol	6.528	94	582269	50.775	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	448770	50.630	ng	99
12) 1,3-Dichlorobenzene	6.834	146	476451	47.273	ng	99
13) 1,4-Dichlorobenzene	6.910	146	477865	47.458	ng	99
14) 1,2-Dichlorobenzene	7.063	146	452227	48.121	ng	99
15) Benzyl Alcohol	7.028	79	394195	48.311	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	721075	47.710	ng	99
17) 2-Methylphenol	7.139	107	350382	46.801	ng	100
18) Hexachloroethane	7.404	117	145781	40.599	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	314789	46.661	ng	99
20) 3+4-Methylphenols	7.292	107	437252	45.661	ng	# 83
22) Acetophenone	7.298	105	576198	52.427	ng	99
24) Nitrobenzene	7.475	77	449862	50.680	ng	99
25) Isophorone	7.710	82	798611	51.971	ng	99
26) 2-Nitrophenol	7.786	139	180026	53.760	ng	99
27) 2,4-Dimethylphenol	7.822	122	334980	59.991	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	479053	51.455	ng	98
29) 2,4-Dichlorophenol	8.028	162	318259	50.040	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	335718	47.704	ng	99
31) Naphthalene	8.198	128	1131270	48.883	ng	100
32) Benzoic acid	7.916	122	227779	46.770	ng	95
33) 4-Chloroaniline	8.239	127	147859	18.737	ng	99
34) Hexachlorobutadiene	8.316	225	224582	50.790	ng	98
35) Caprolactam	8.598	113	111108	54.941	ng	# 84
36) 4-Chloro-3-methylphenol	8.716	107	317598	45.097	ng	98
37) 2-Methylnaphthalene	8.886	142	659110	46.504	ng	100
38) 1-Methylnaphthalene	8.986	142	608418	43.754	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	304239	55.031	ng	99
41) Hexachlorocyclopentadiene	9.039	237	87444	45.457	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	212041	54.173	ng	100

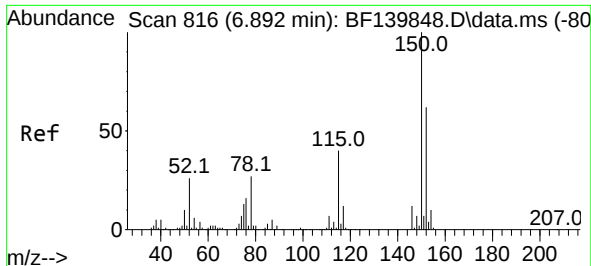
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139913.D
 Acq On : 21 Oct 2024 20:03
 Operator : RC/JU
 Sample : P4419-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

Quant Time: Oct 22 01:20:13 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)
44) 2,4,5-Trichlorophenol	9.204	196	204601	50.665	ng	96
46) 1,1'-Biphenyl	9.351	154	754467	52.887	ng	100
47) 2-Chloronaphthalene	9.375	162	575189	50.061	ng	99
48) 2-Nitroaniline	9.469	65	205879	58.587	ng	95
49) Acenaphthylene	9.792	152	875496	52.706	ng	99
50) Dimethylphthalate	9.651	163	668620	52.382	ng	100
51) 2,6-Dinitrotoluene	9.710	165	132804	48.052	ng	99
52) Acenaphthene	9.969	154	540682	50.317	ng	99
53) 3-Nitroaniline	9.875	138	137009	48.072	ng	98
54) 2,4-Dinitrophenol	9.980	184	25777	27.145	ng	84
55) Dibenzofuran	10.139	168	770082	49.950	ng	99
56) 4-Nitrophenol	10.027	139	245535	111.978	ng	96
57) 2,4-Dinitrotoluene	10.116	165	163914	48.229	ng	# 97
58) Fluorene	10.480	166	593457	50.539	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	166015	52.441	ng	# 97
60) Diethylphthalate	10.351	149	631447	50.384	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	291738	49.197	ng	99
62) 4-Nitroaniline	10.486	138	137005	50.897	ng	98
63) Azobenzene	10.633	77	685558	51.598	ng	93
65) 4,6-Dinitro-2-methylph...	10.516	198	21430	14.858	ng	# 52
66) n-Nitrosodiphenylamine	10.586	169	590354	55.784	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	183655	50.418	ng	100
68) Hexachlorobenzene	11.027	284	201639	49.219	ng	98
69) Atrazine	11.116	200	170992	59.646	ng	99
70) Pentachlorophenol	11.222	266	264064	106.205	ng	99
71) Phenanthrene	11.445	178	940706	56.322	ng	100
72) Anthracene	11.498	178	936244	57.452	ng	99
73) Carbazole	11.645	167	817806	53.960	ng	98
74) Di-n-butylphthalate	11.980	149	972388	55.533	ng	99
75) Fluoranthene	12.633	202	1019032	60.353	ng	99
77) Benzidine	12.751	184	396666	109.388	ng	99
78) Pyrene	12.863	202	1047407	54.260	ng	99
80) Butylbenzylphthalate	13.480	149	396374	68.491	ng	98
81) Benzo(a)anthracene	14.051	228	813419	56.662	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	235529	56.271	ng	99
83) Chrysene	14.086	228	695863	52.867	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	505261	77.816	ng	# 99
85) Di-n-octyl phthalate	14.651	149	775706	65.682	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	554581	43.924	ng	98
88) Benzo(b)fluoranthene	15.104	252	626232	52.381	ng	99
89) Benzo(k)fluoranthene	15.133	252	596369	57.841	ng	99
90) Benzo(a)pyrene	15.474	252	576253	58.579	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	454716	43.172	ng	99
92) Benzo(g,h,i)perylene	17.486	276	389419	37.014	ng	98

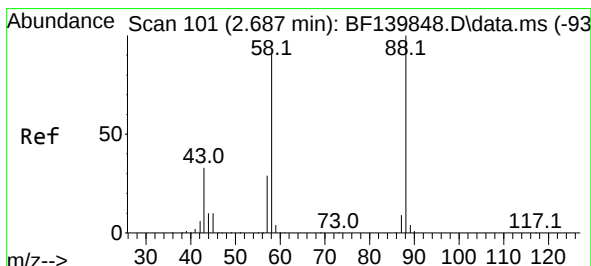
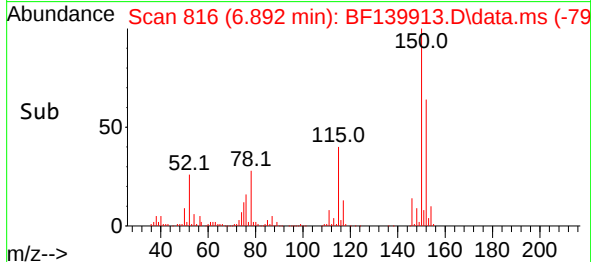
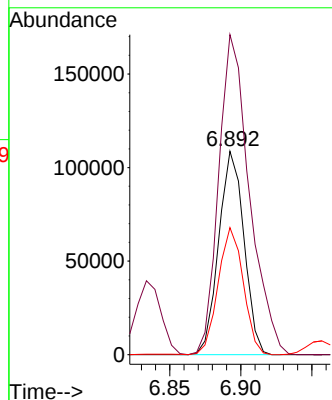
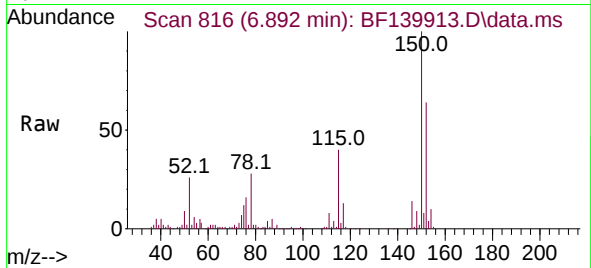
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

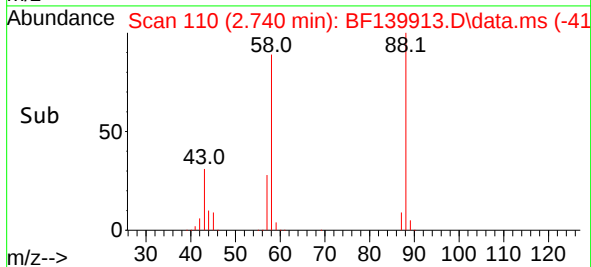
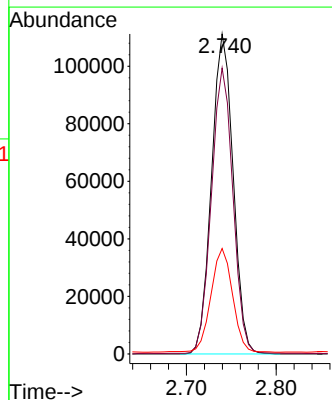
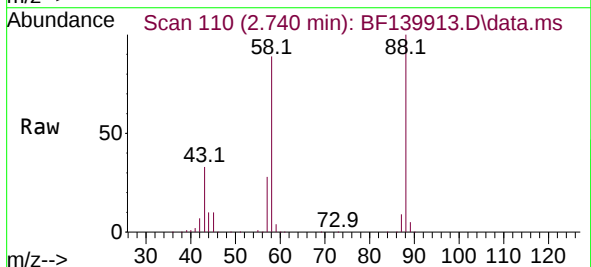
Instrument :
BNA_F
ClientSampleId :
IB-1MS

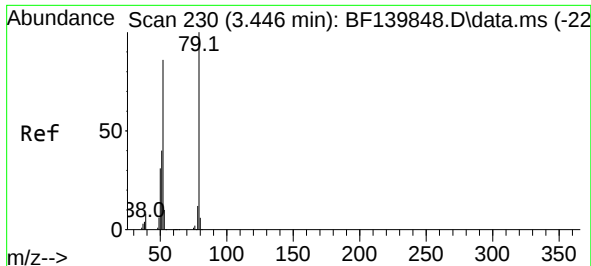
Tgt Ion:152 Resp: 134451
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 62.4 51.4 77.2



#2
1,4-Dioxane
Concen: 46.412 ng
RT: 2.740 min Scan# 110
Delta R.T. 0.053 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 88 Resp: 185848
Ion Ratio Lower Upper
88 100
58 88.9 73.3 109.9
43 32.6 27.1 40.7





#3

Pyridine

Concen: 47.762 ng

RT: 3.498 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

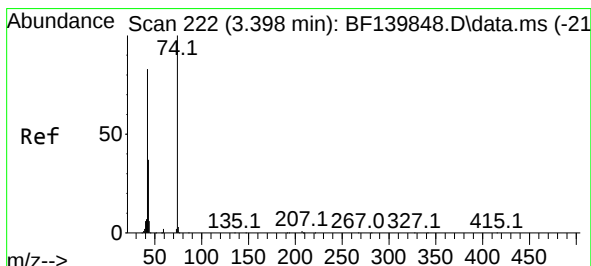
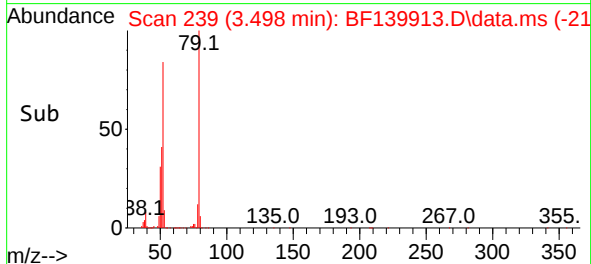
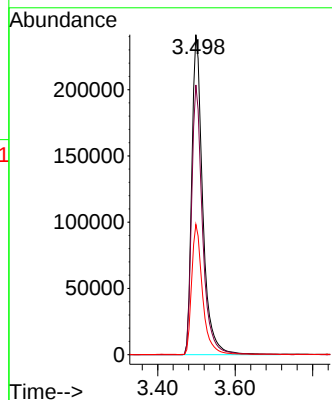
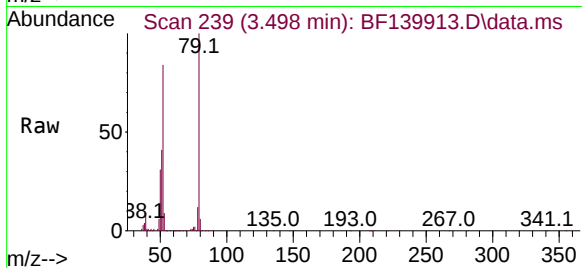
Tgt Ion: 79 Resp: 474063

Ion Ratio Lower Upper

79 100

52 84.3 68.5 102.7

51 40.7 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 50.800 ng

RT: 3.451 min Scan# 231

Delta R.T. 0.053 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

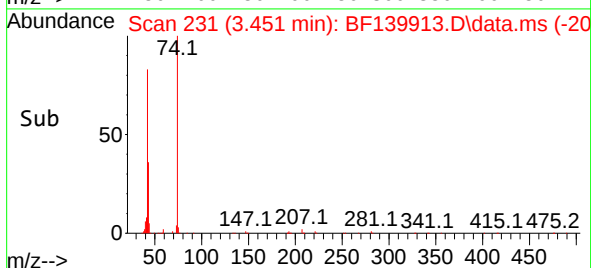
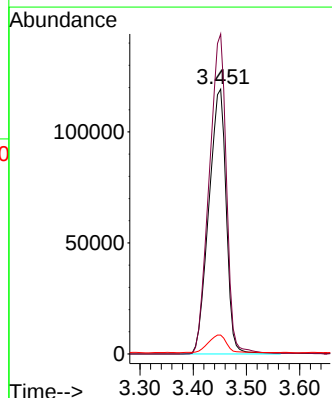
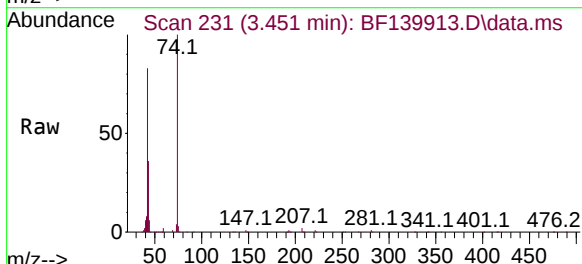
Tgt Ion: 42 Resp: 270902

Ion Ratio Lower Upper

42 100

74 120.8 96.2 144.4

44 7.2 6.2 9.2

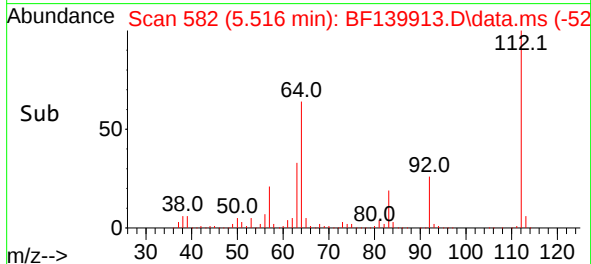
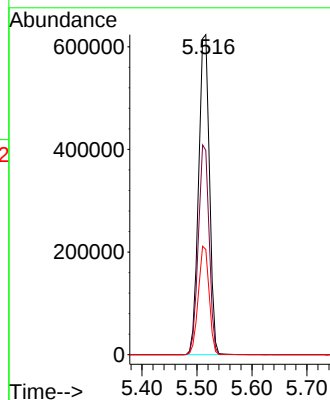
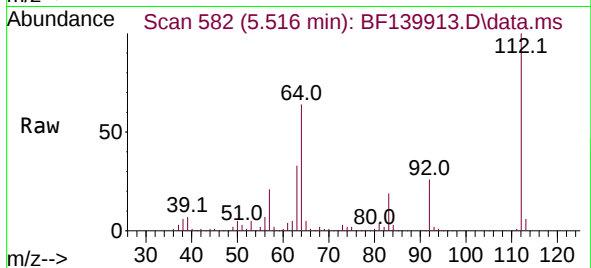




#5
2-Fluorophenol
Concen: 99.885 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.018 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

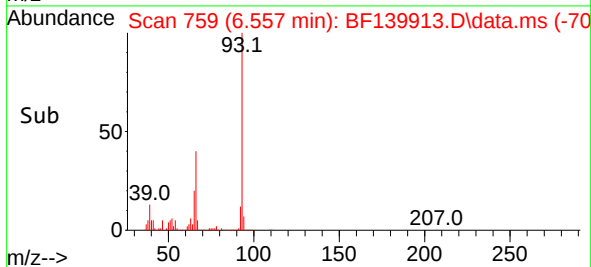
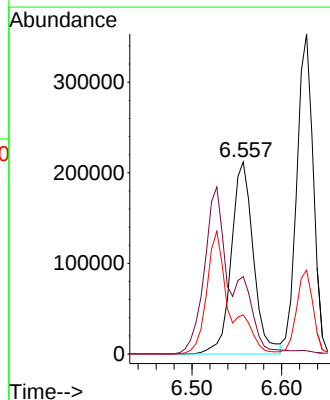
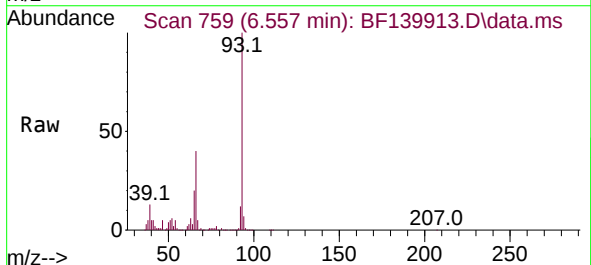
Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion:112 Resp: 857858
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 32.9 27.0 40.4



#6
Aniline
Concen: 34.961 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 93 Resp: 362438
Ion Ratio Lower Upper
93 100
66 40.3 34.0 51.0
65 20.4 17.4 26.0





#7

Phenol-d6

Concen: 94.844 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

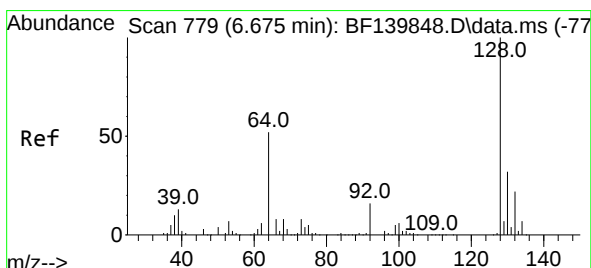
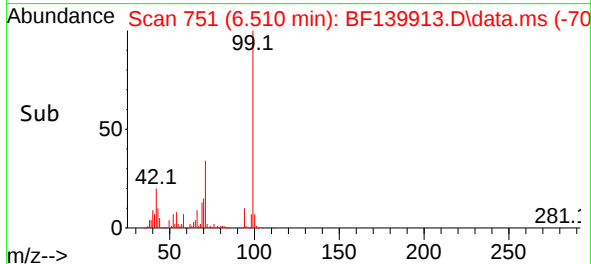
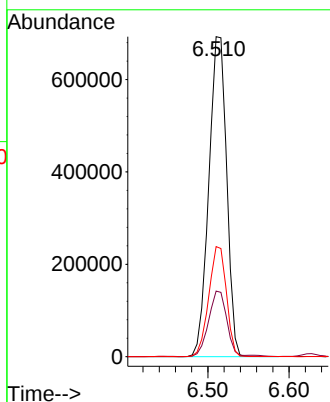
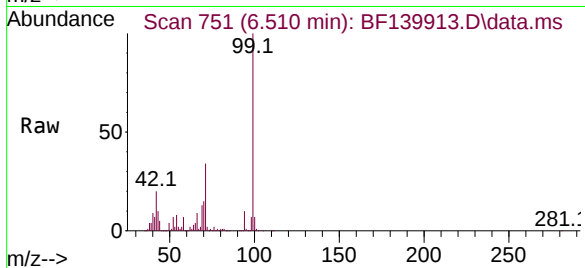
BNA_F

ClientSampleId :

IB-1MS

Tgt Ion: 99 Resp: 1054994

Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.7	25.1
71	34.4	27.7	41.5



#8

2-Chlorophenol

Concen: 49.833 ng

RT: 6.675 min Scan# 779

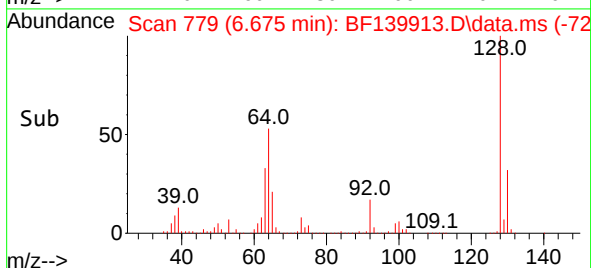
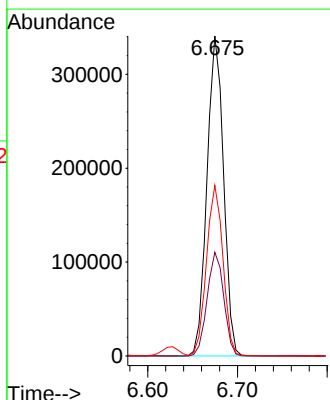
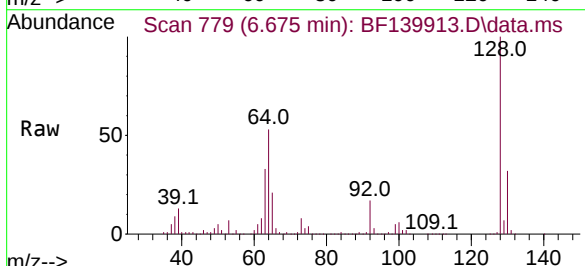
Delta R.T. 0.000 min

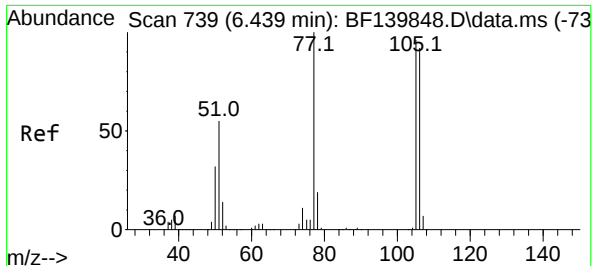
Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Tgt Ion: 128 Resp: 437529

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	53.3	34.6	74.6

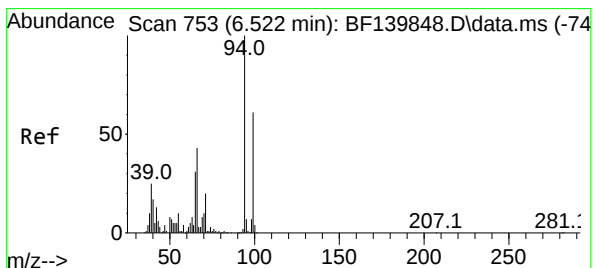
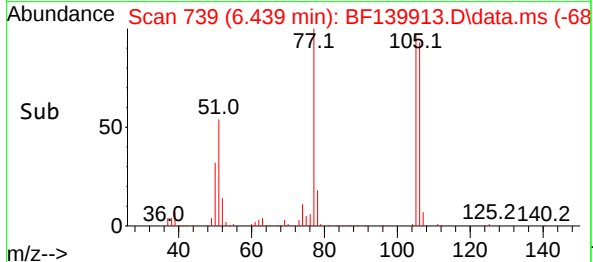
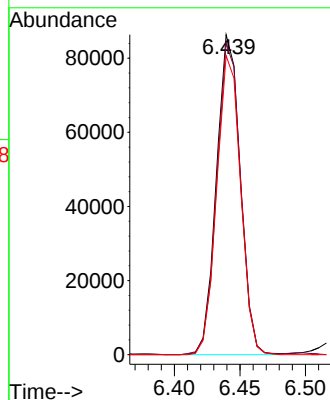
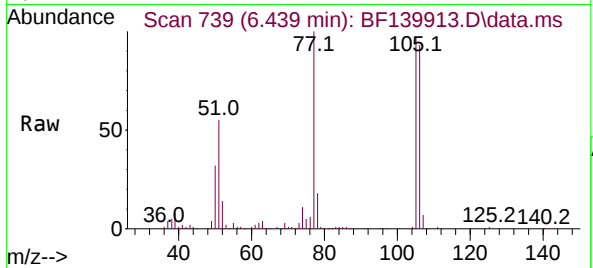




#9
Benzaldehyde
Concen: 17.368 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

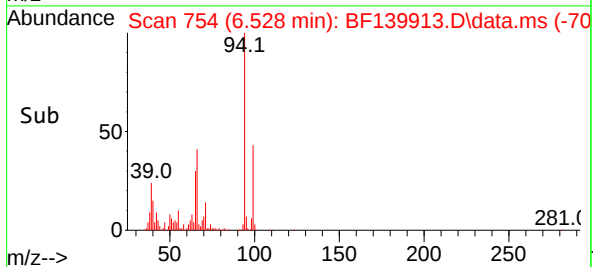
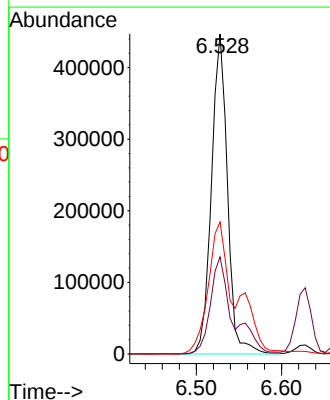
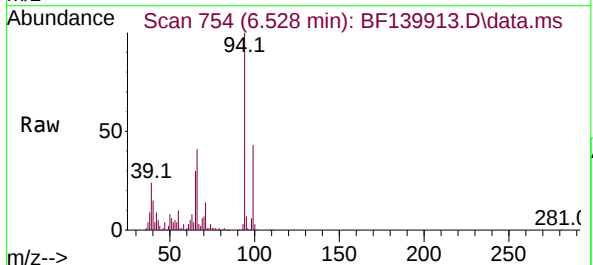
Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion: 77 Resp: 108682
Ion Ratio Lower Upper
77 100
105 97.2 75.5 115.5
106 93.5 71.7 111.7



#10
Phenol
Concen: 50.775 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 94 Resp: 582269
Ion Ratio Lower Upper
94 100
65 30.3 11.1 51.1
66 41.2 22.7 62.7



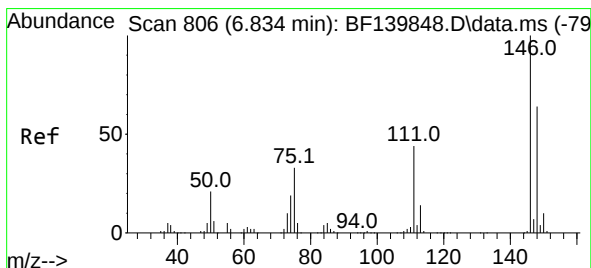
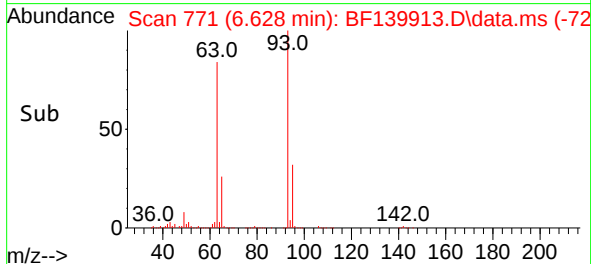
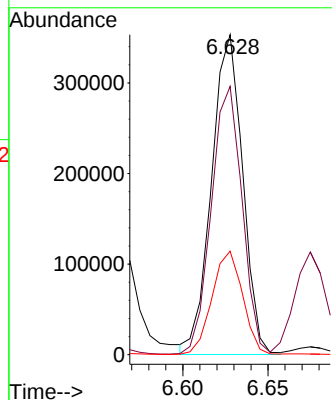
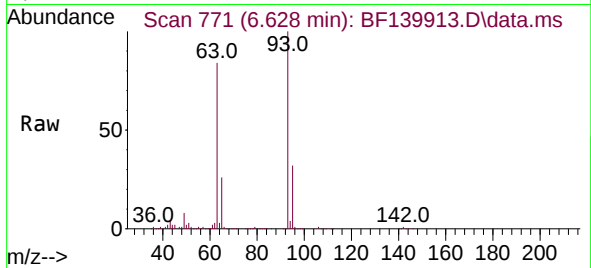


#11
bis(2-Chloroethyl)ether
Concen: 50.630 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion: 93 Resp: 448770

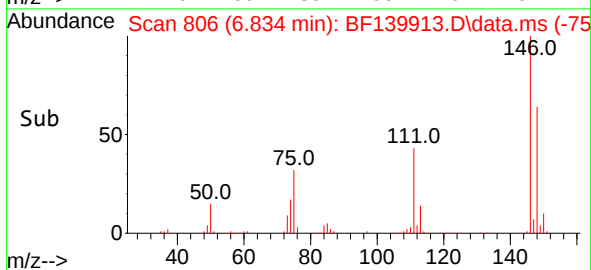
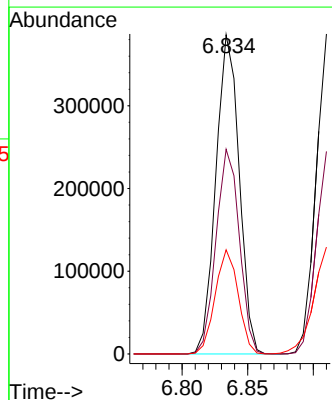
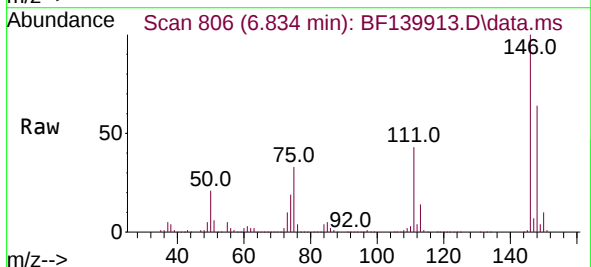
Ion	Ratio	Lower	Upper
93	100		
63	83.9	65.0	105.0
95	32.3	12.4	52.4

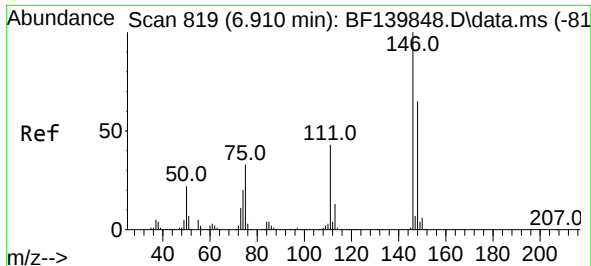


#12
1,3-Dichlorobenzene
Concen: 47.273 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 146 Resp: 476451

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	32.6	26.4	39.6

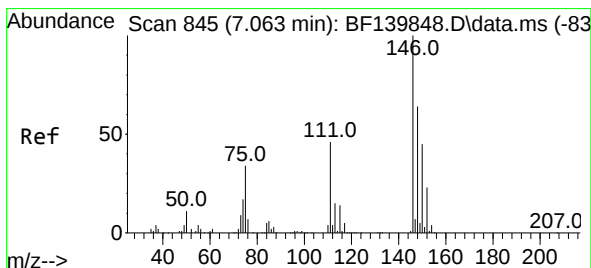
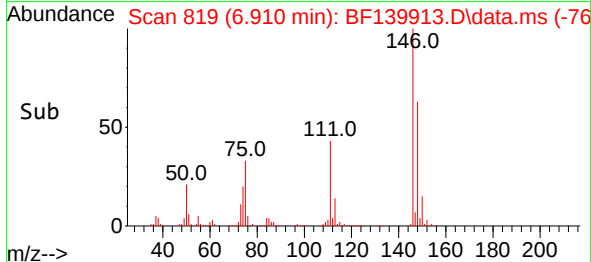
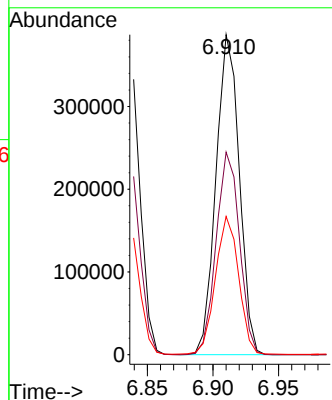
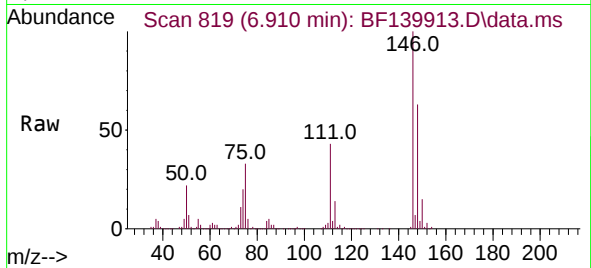




#13
1,4-Dichlorobenzene
Concen: 47.458 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

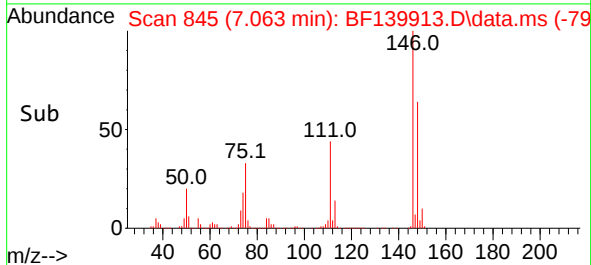
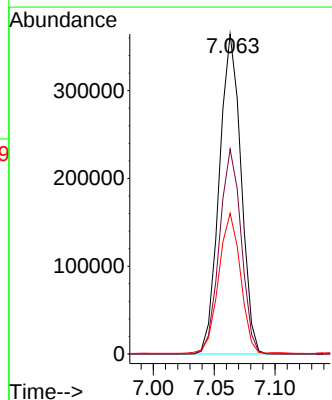
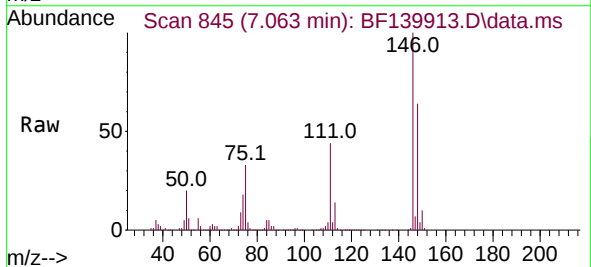
Instrument :
BNA_F
ClientSampleId :
IB-1MS

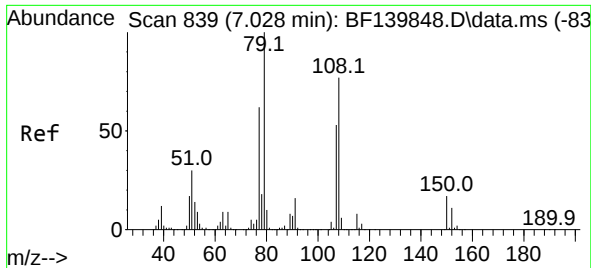
Tgt Ion:146 Resp: 477865
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.8
111 43.2 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.121 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:146 Resp: 452227
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 43.9 36.7 55.1

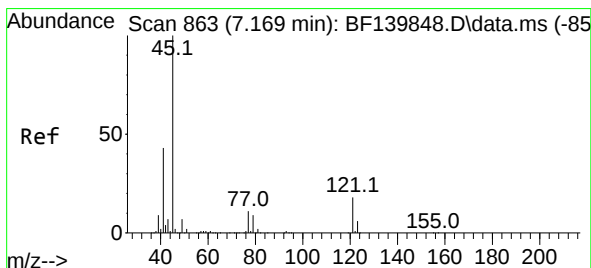
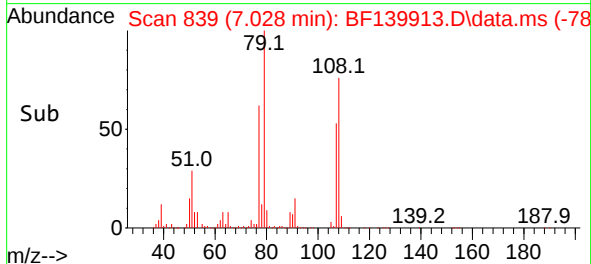
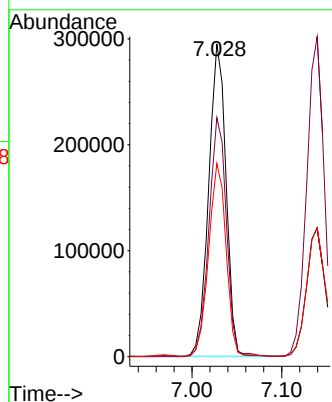
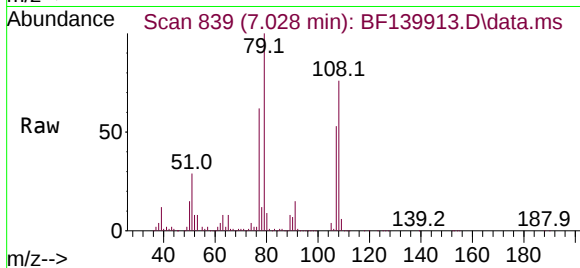




#15
Benzyl Alcohol
Concen: 48.311 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

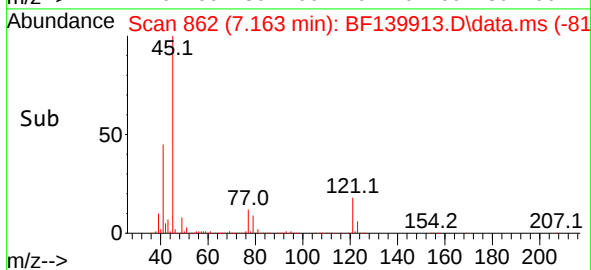
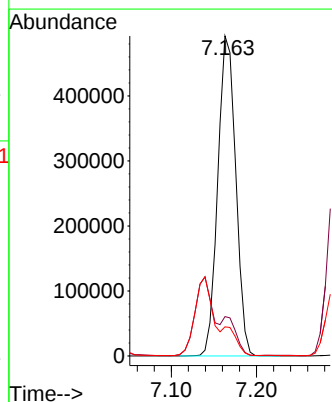
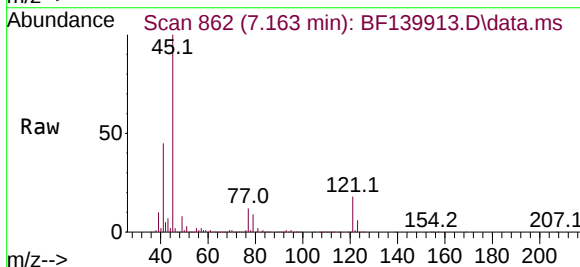
Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion: 79 Resp: 394195
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.710 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 45 Resp: 721075
Ion Ratio Lower Upper
45 100
77 12.3 0.0 31.5
79 9.1 0.0 29.1



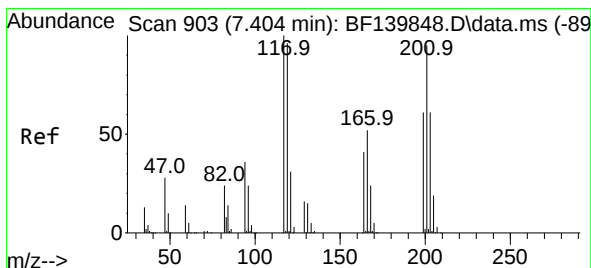
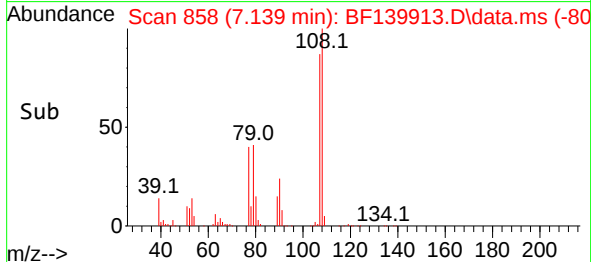
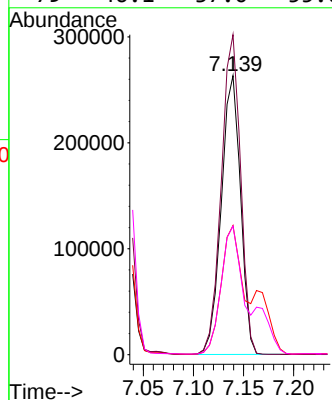
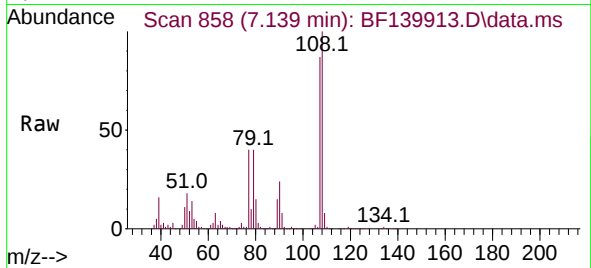


#17
2-Methylphenol
Concen: 46.801 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion:107 Resp: 350382

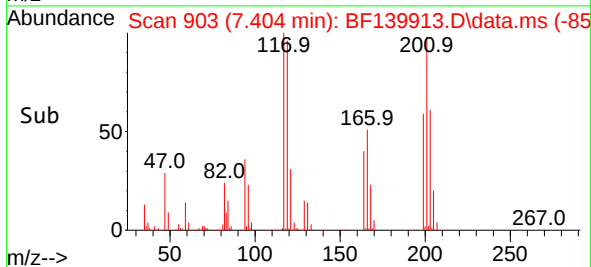
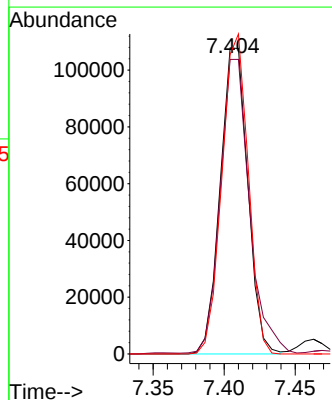
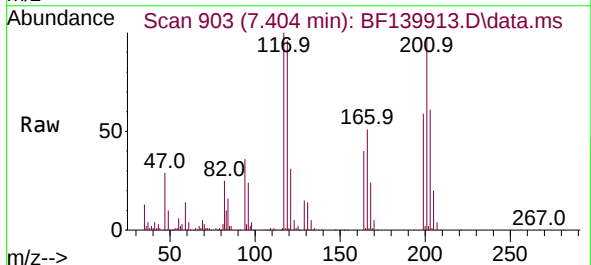
Ion	Ratio	Lower	Upper
107	100		
108	114.7	91.3	136.9
77	46.3	37.1	55.7
79	46.1	37.0	55.6

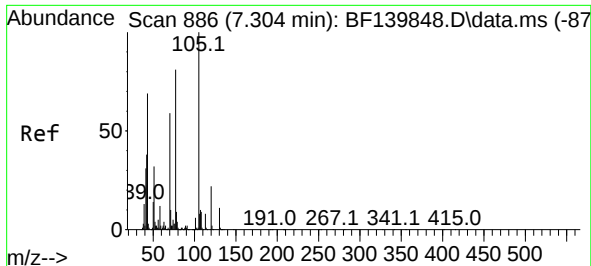


#18
Hexachloroethane
Concen: 40.599 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:117 Resp: 145781

Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.0	115.4
201	97.8	76.2	114.4

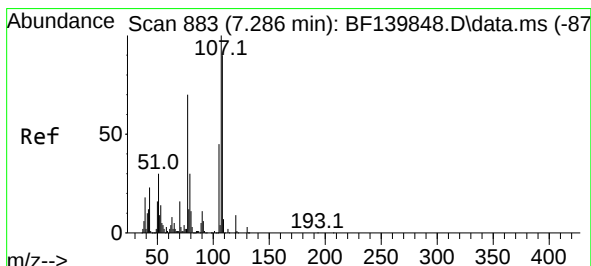
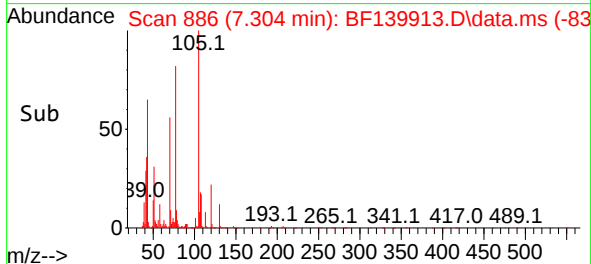
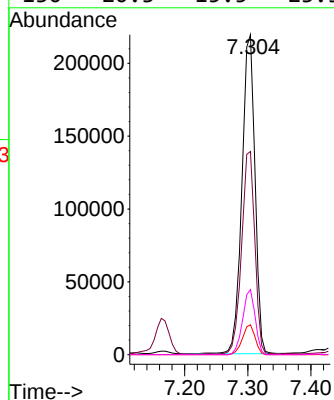
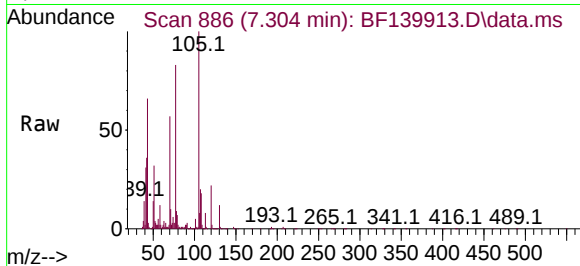




#19
n-Nitroso-di-n-propylamine
Concen: 46.661 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

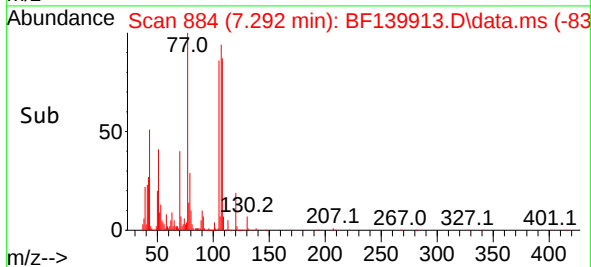
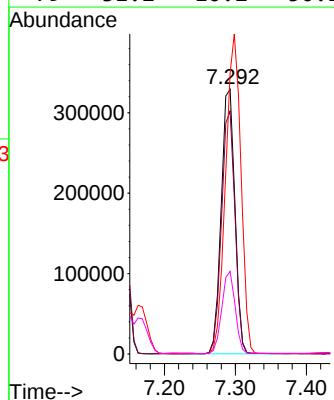
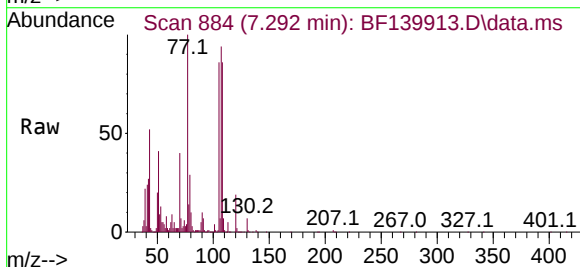
Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion: 70 Resp: 314789
Ion Ratio Lower Upper
70 100
42 63.5 51.5 77.3
101 9.3 7.5 11.3
130 20.3 15.5 23.3



#20
3+4-Methylphenols
Concen: 45.661 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 107 Resp: 437252
Ion Ratio Lower Upper
107 100
108 91.7 69.8 109.8
77 106.1 50.5 90.5#
79 31.2 10.2 50.2



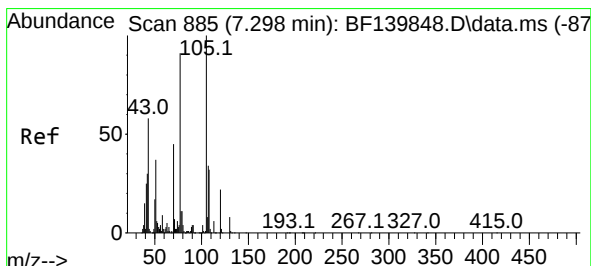
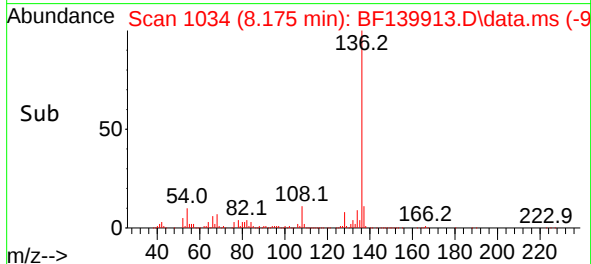
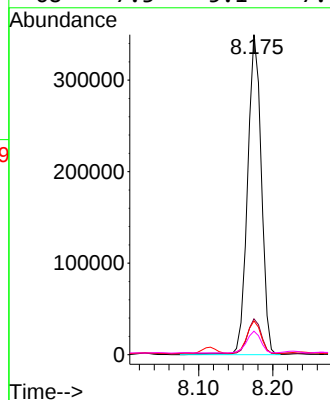
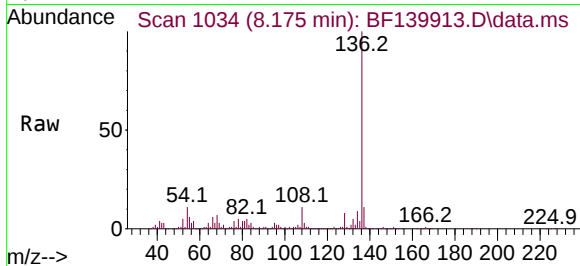


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion:136 Resp: 448718

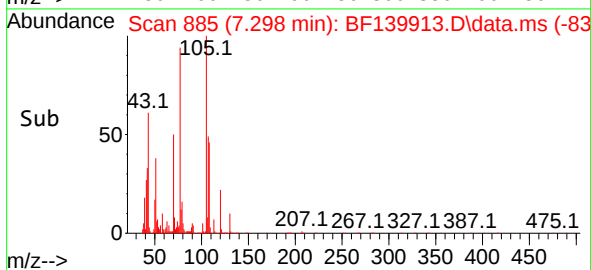
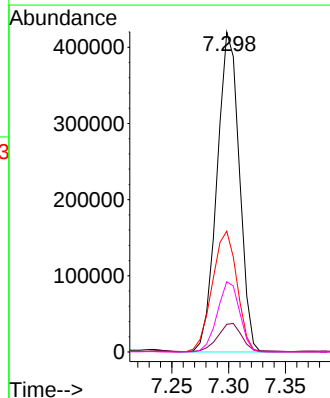
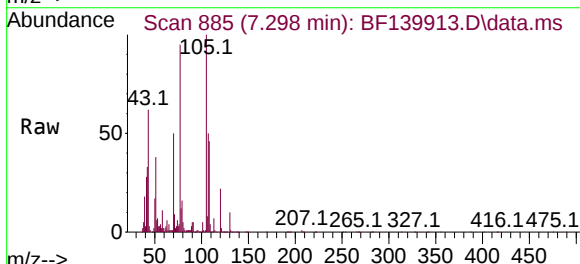
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.6	8.4	12.6
68	7.3	5.1	7.7

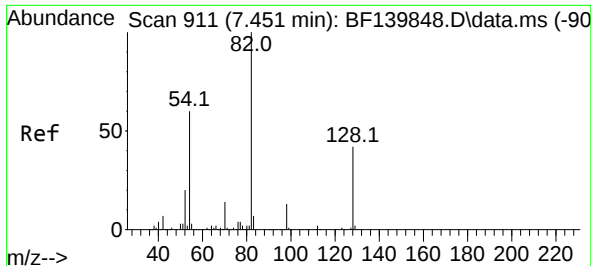


#22
Acetophenone
Concen: 52.427 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:105 Resp: 576198

Ion	Ratio	Lower	Upper
105	100		
71	8.6	5.9	8.9
51	37.7	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 76.421 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

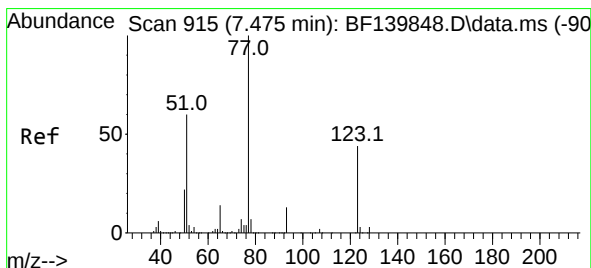
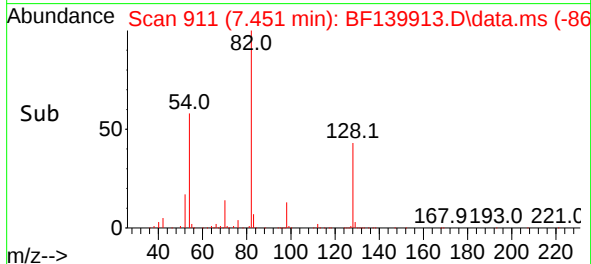
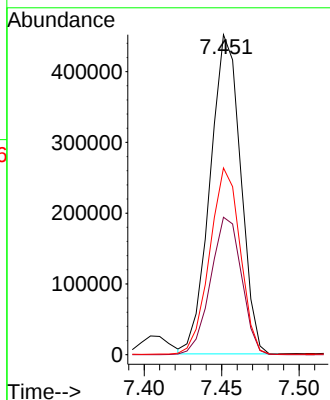
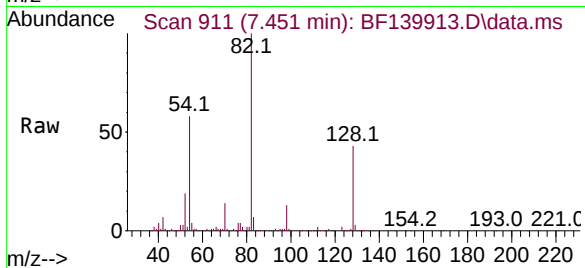
Tgt Ion: 82 Resp: 618716

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

54 58.3 47.8 71.8



#24

Nitrobenzene

Concen: 50.680 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

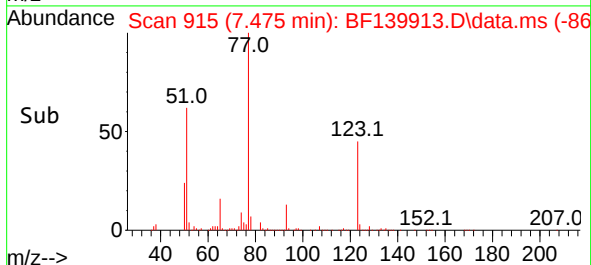
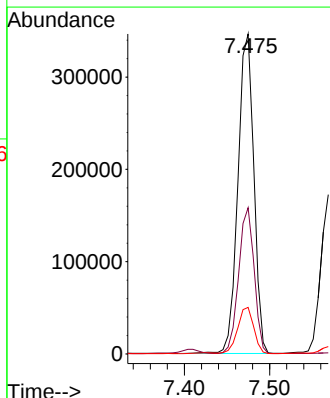
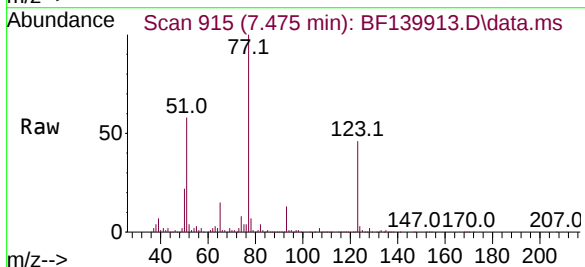
Tgt Ion: 77 Resp: 449862

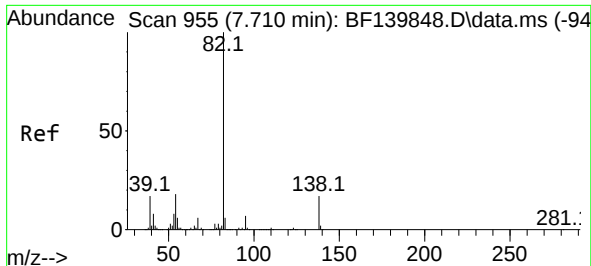
Ion Ratio Lower Upper

77 100

123 45.7 35.7 53.5

65 14.5 11.5 17.3

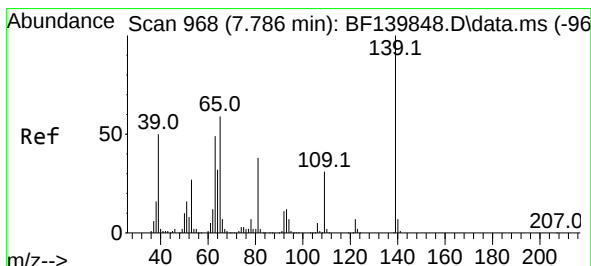
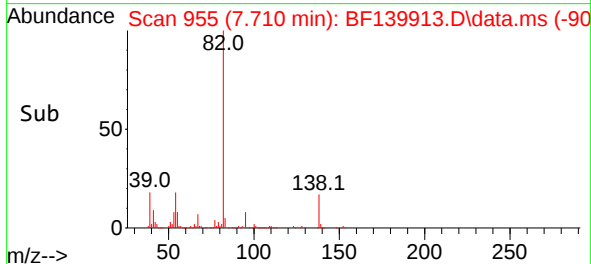
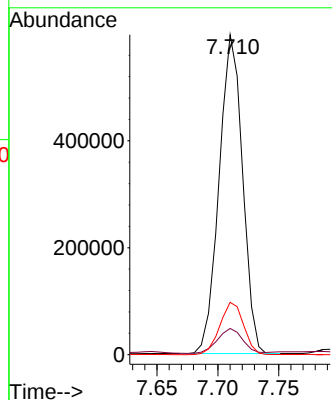
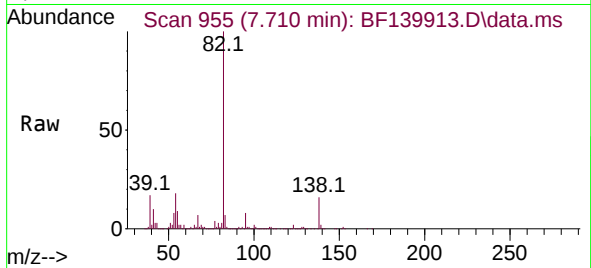




#25
Isophorone
Concen: 51.971 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

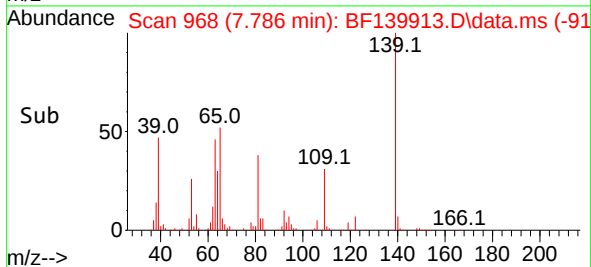
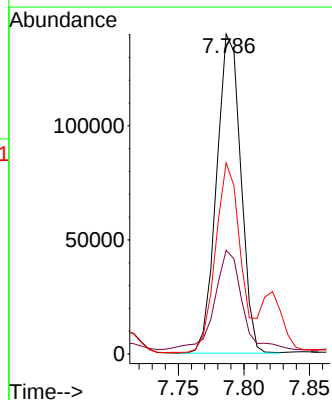
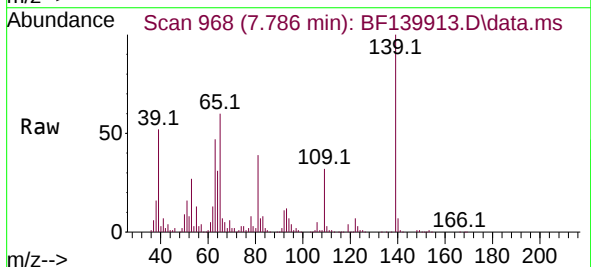
Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion: 82 Resp: 798611
Ion Ratio Lower Upper
82 100
95 8.2 5.5 8.3
138 16.3 13.2 19.8



#26
2-Nitrophenol
Concen: 53.760 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:139 Resp: 180026
Ion Ratio Lower Upper
139 100
109 32.4 25.1 37.7
65 59.7 47.5 71.3

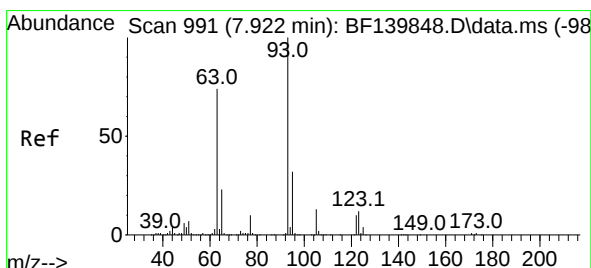
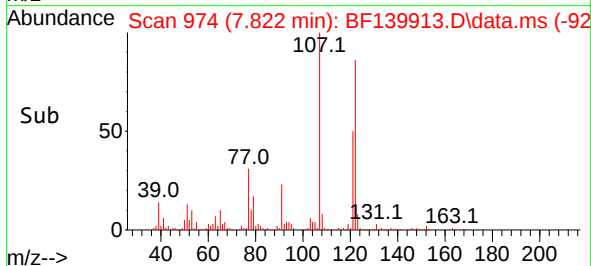
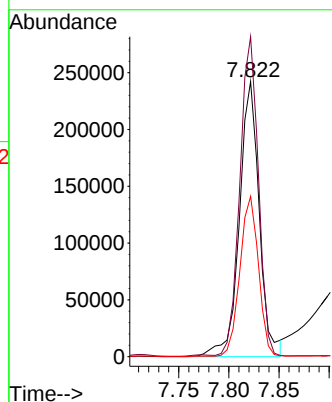
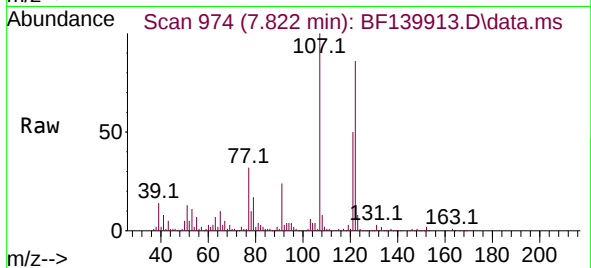




#27
2,4-Dimethylphenol
Concen: 59.991 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

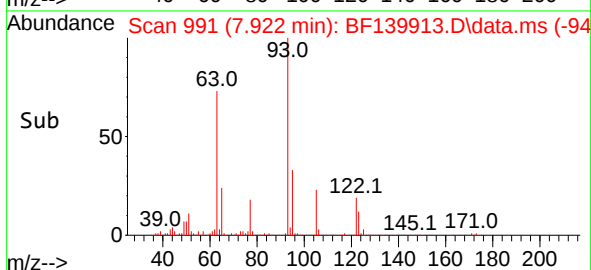
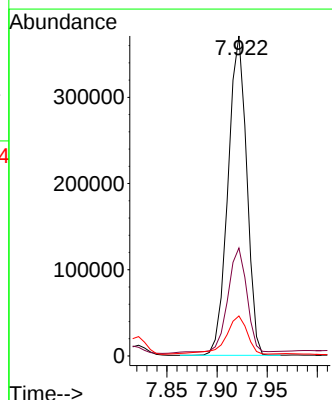
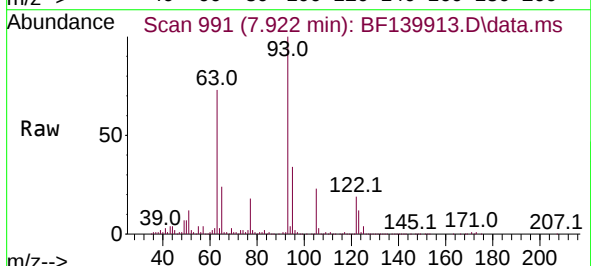
Instrument :
BNA_F
ClientSampleId :
IB-1MS

Tgt Ion:122 Resp: 334980
Ion Ratio Lower Upper
122 100
107 116.3 91.9 137.9
121 58.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 51.455 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 93 Resp: 479053
Ion Ratio Lower Upper
93 100
95 33.8 26.0 39.0
123 12.5 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 50.040 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

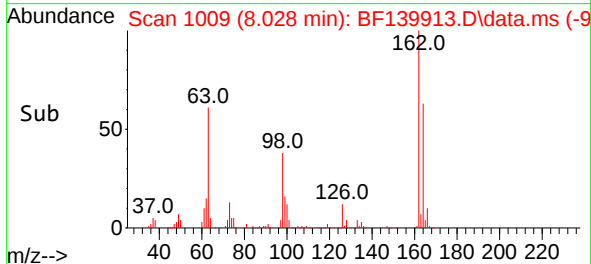
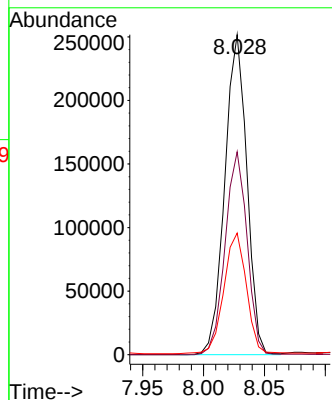
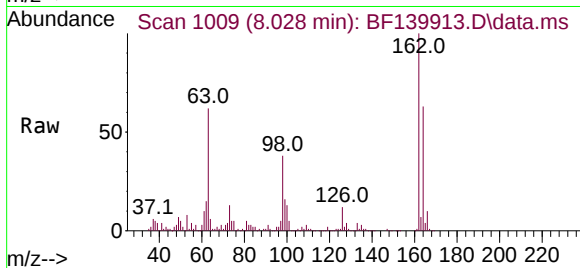
Tgt Ion:162 Resp: 318259

Ion Ratio Lower Upper

162 100

164 63.4 43.9 83.9

98 38.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 47.704 ng

RT: 8.116 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

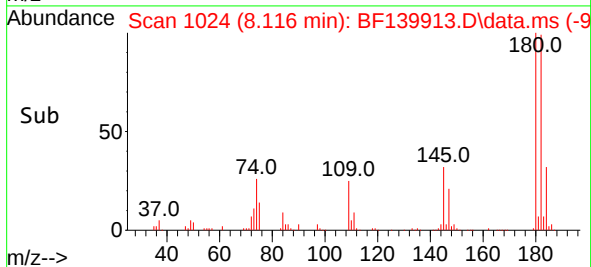
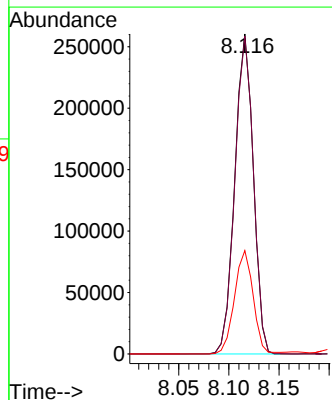
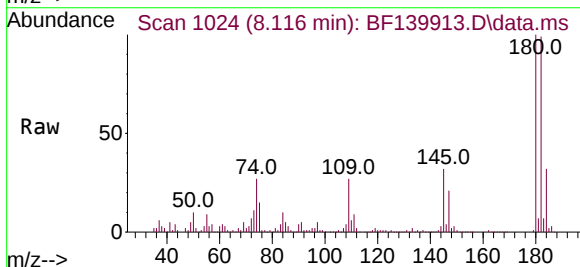
Tgt Ion:180 Resp: 335718

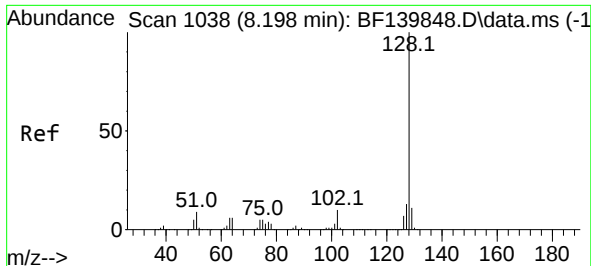
Ion Ratio Lower Upper

180 100

182 99.4 80.5 120.7

145 32.3 25.4 38.0

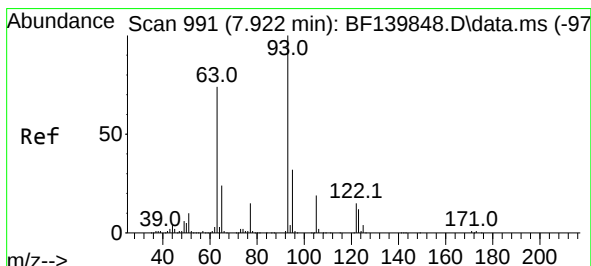
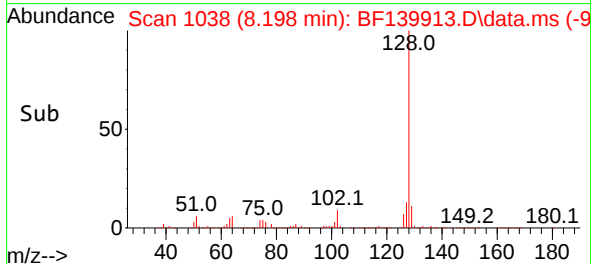
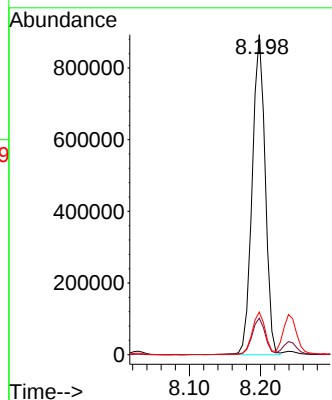
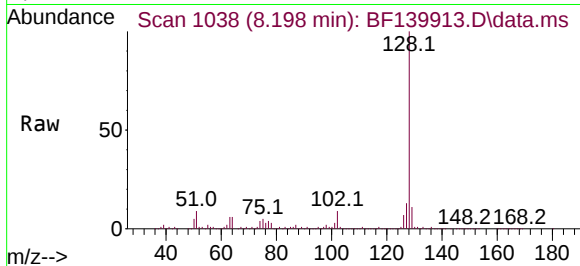




#31
Naphthalene
Concen: 48.883 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

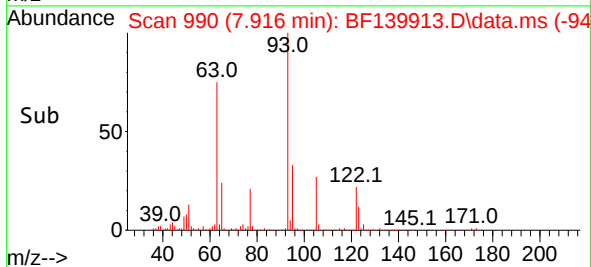
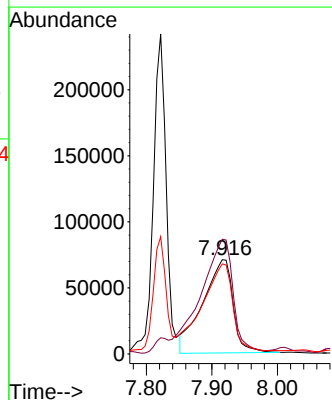
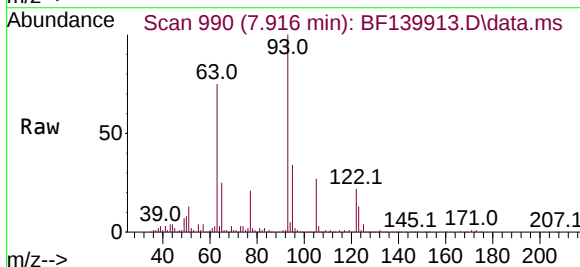
Instrument :
BNA_F
ClientSampleId :
IB-1MS

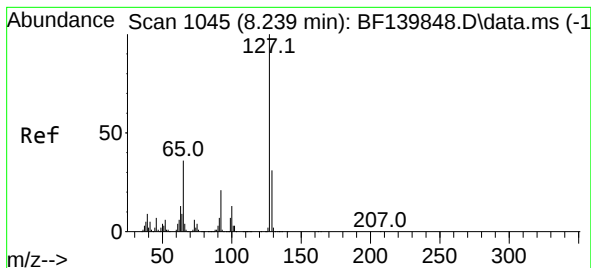
Tgt Ion:128 Resp: 1131270
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 46.770 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:122 Resp: 227779
Ion Ratio Lower Upper
122 100
105 121.8 107.6 147.6
77 95.7 80.2 120.2





#33

4-Chloroaniline

Concen: 18.737 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

Tgt Ion:127 Resp: 147859

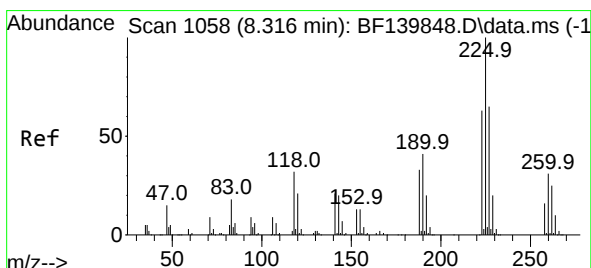
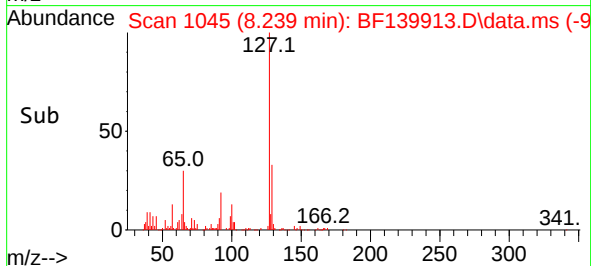
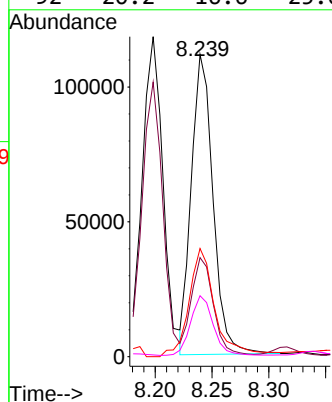
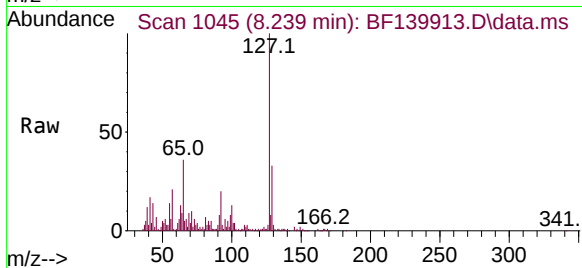
Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.2

65 35.8 28.4 42.6

92 20.2 16.6 25.0



#34

Hexachlorobutadiene

Concen: 50.790 ng

RT: 8.316 min Scan# 1058

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

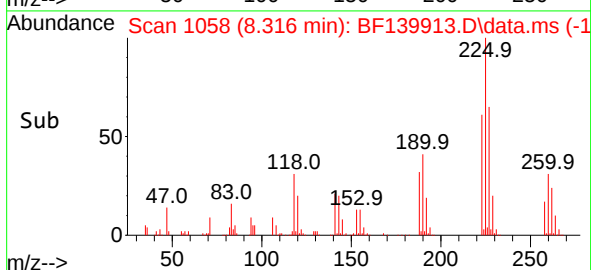
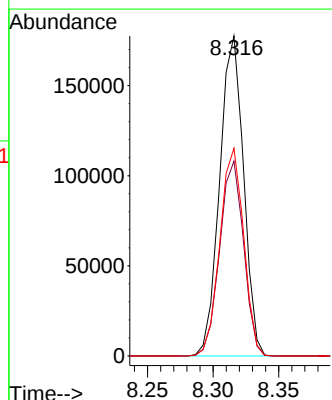
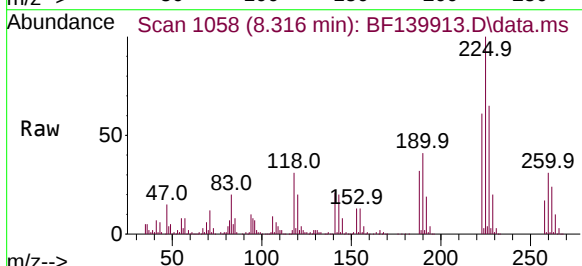
Tgt Ion:225 Resp: 224582

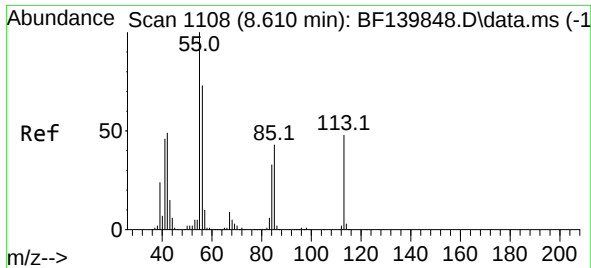
Ion Ratio Lower Upper

225 100

223 60.9 50.6 76.0

227 64.9 51.8 77.8

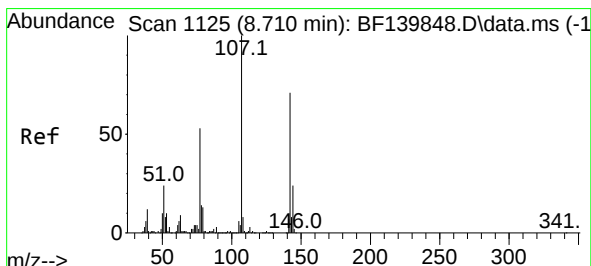
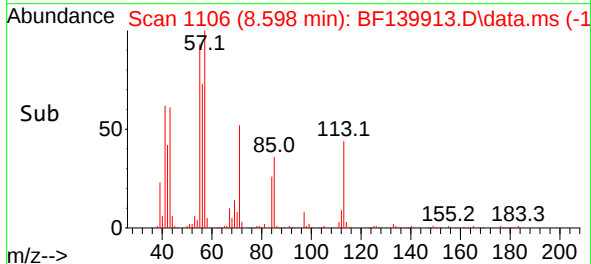
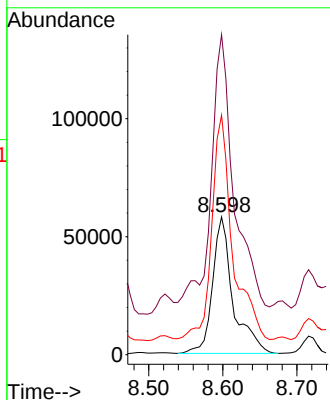
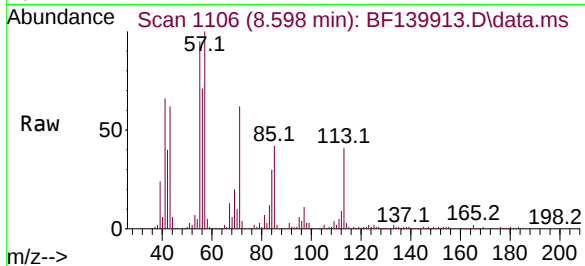




#35
 Caprolactam
 Concen: 54.941 ng
 RT: 8.598 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF139913.D
 Acq: 21 Oct 2024 20:03

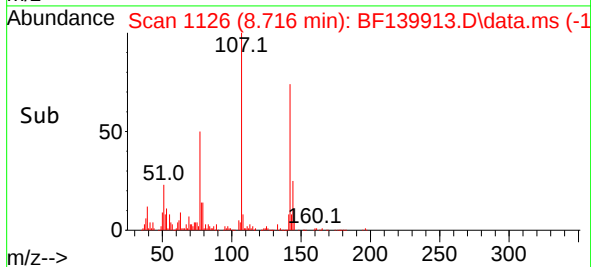
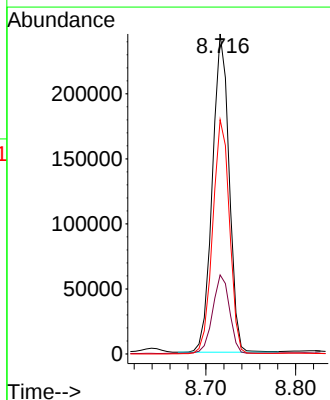
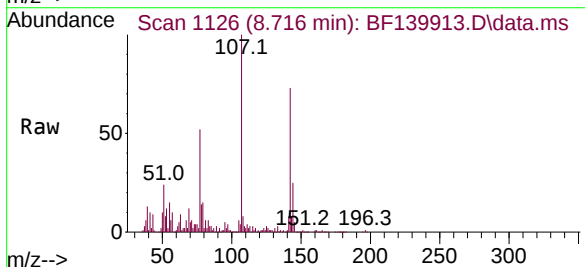
Instrument :
 BNA_F
 ClientSampleId :
 IB-1MS

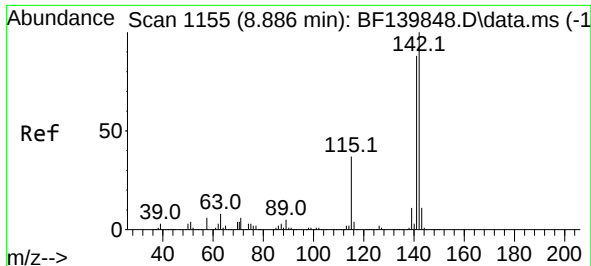
Tgt Ion:113 Resp: 111108
 Ion Ratio Lower Upper
 113 100
 55 232.3 189.2 229.2#
 56 173.8 132.5 172.5#



#36
 4-Chloro-3-methylphenol
 Concen: 45.097 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139913.D
 Acq: 21 Oct 2024 20:03

Tgt Ion:107 Resp: 317598
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.1 28.7
 142 73.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.504 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

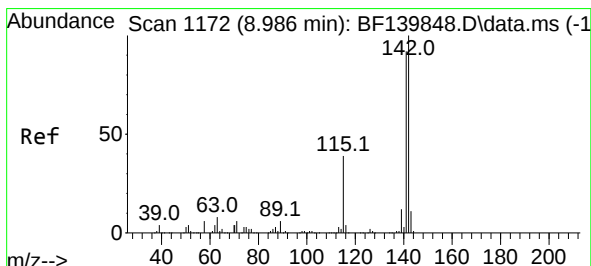
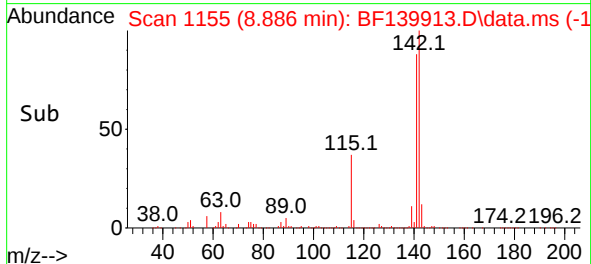
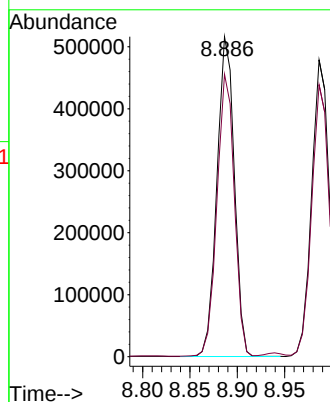
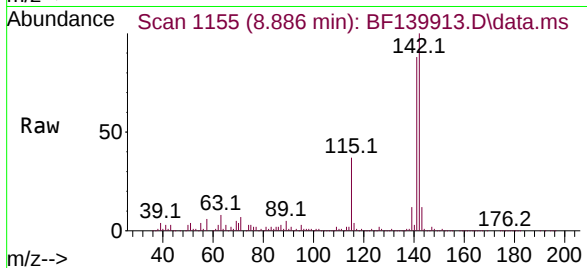
IB-1MS

Tgt Ion:142 Resp: 659110

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.754 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139913.D

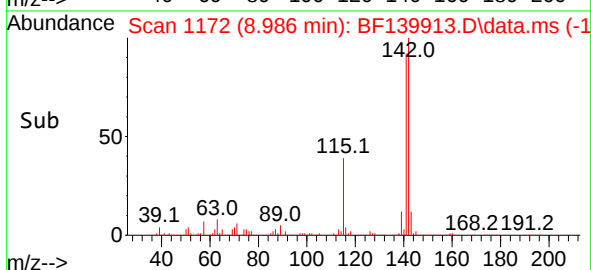
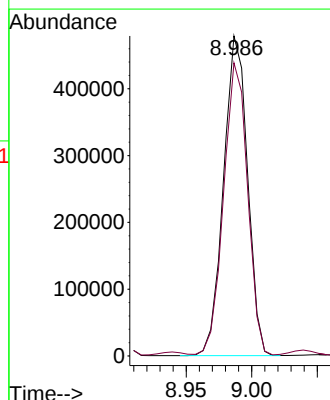
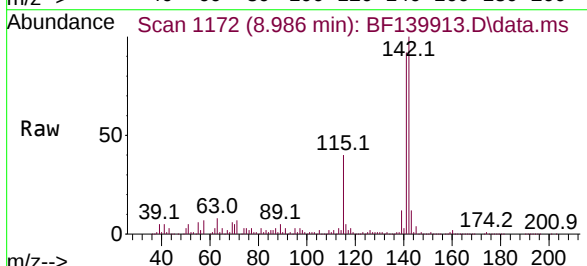
Acq: 21 Oct 2024 20:03

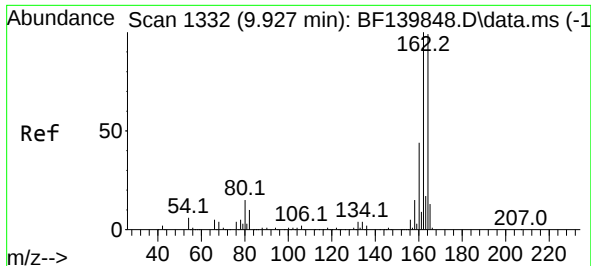
Tgt Ion:142 Resp: 608418

Ion Ratio Lower Upper

142 100

141 91.6 73.5 110.3

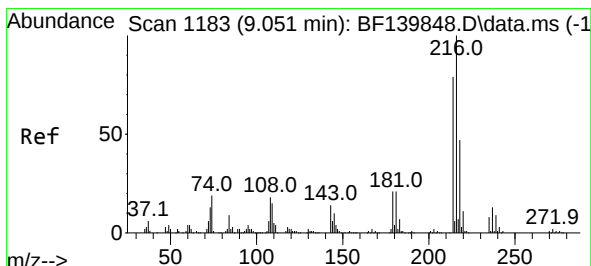
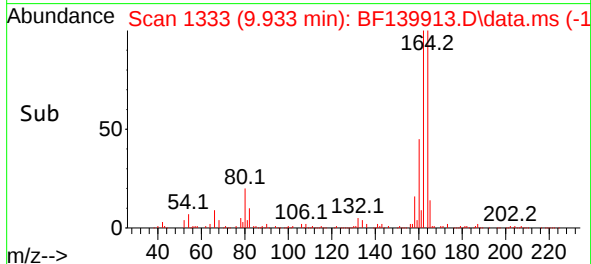
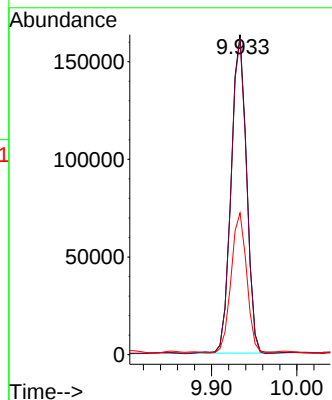
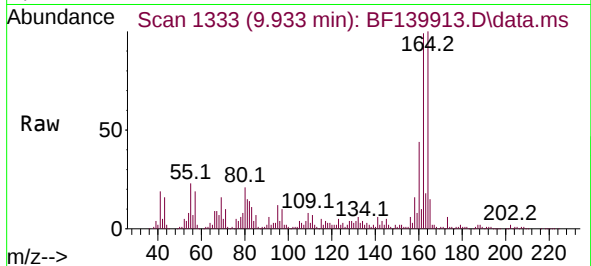




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

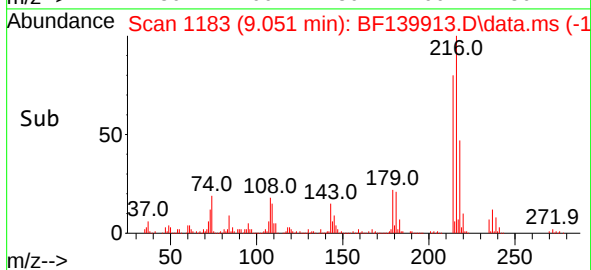
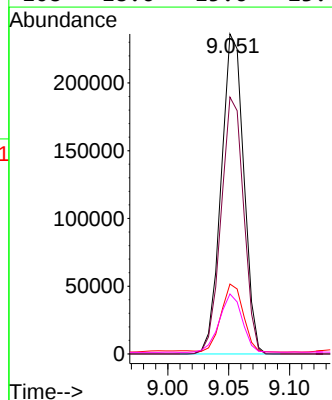
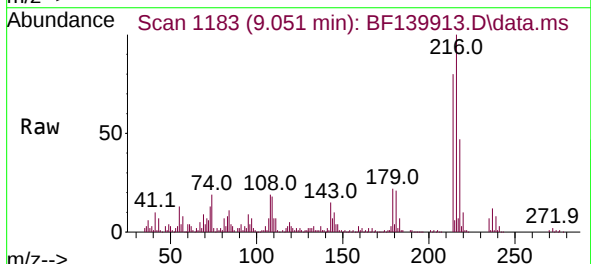
Instrument :
BNA_F
ClientSampleId :
IB-1MS

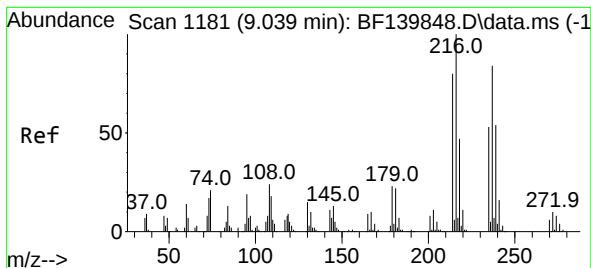
Tgt Ion:164 Resp: 204924
Ion Ratio Lower Upper
164 100
162 98.6 81.0 121.4
160 44.3 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.031 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:216 Resp: 304239
Ion Ratio Lower Upper
216 100
214 80.0 63.4 95.0
179 21.2 17.2 25.8
108 18.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 45.457 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

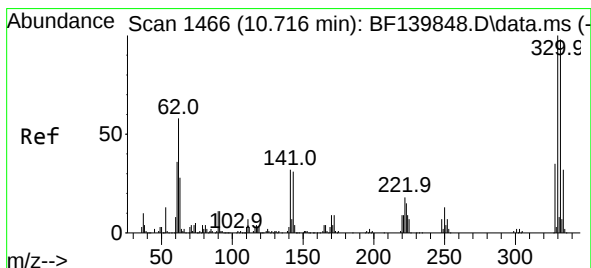
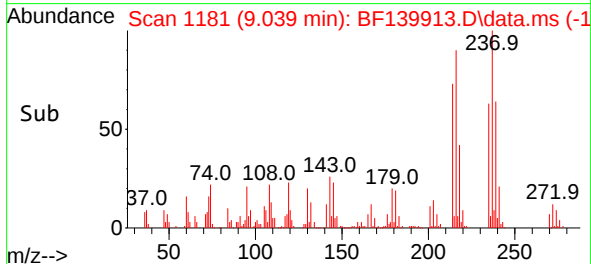
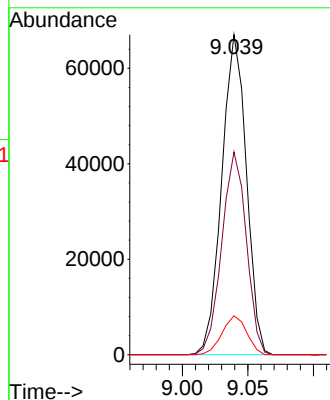
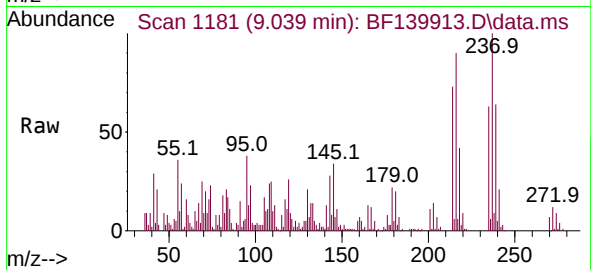
Tgt Ion:237 Resp: 87444

Ion Ratio Lower Upper

237 100

235 63.4 42.9 82.9

272 12.2 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 111.093 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

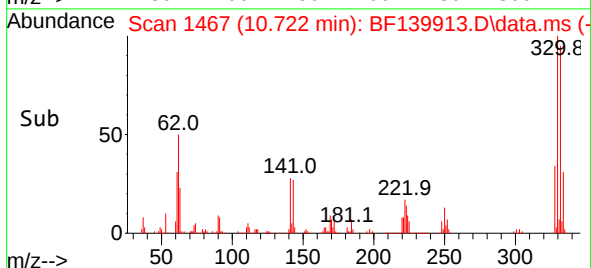
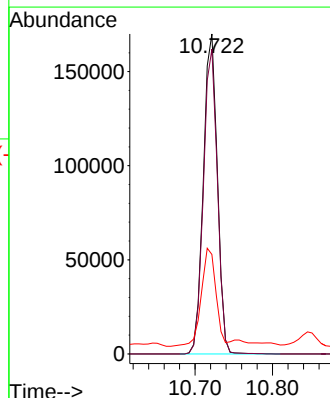
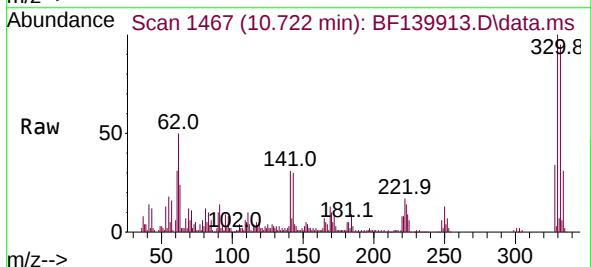
Tgt Ion:330 Resp: 212942

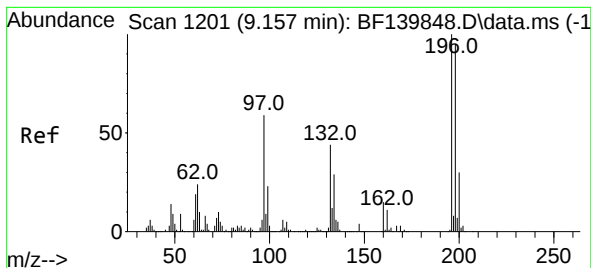
Ion Ratio Lower Upper

330 100

332 95.4 78.1 117.1

141 32.4 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 54.173 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

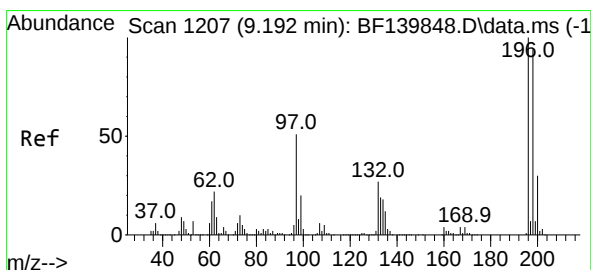
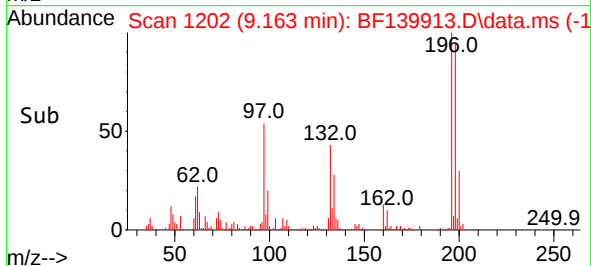
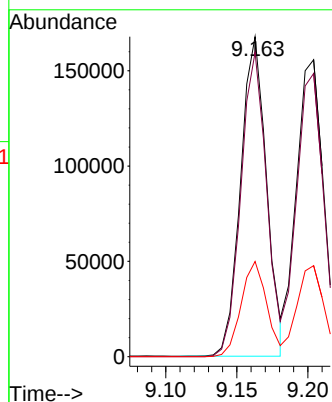
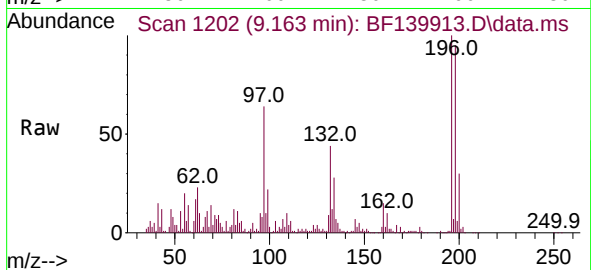
Tgt Ion:196 Resp: 212041

Ion Ratio Lower Upper

196 100

198 95.1 76.2 114.2

200 29.8 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 50.665 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Tgt Ion:196 Resp: 204601

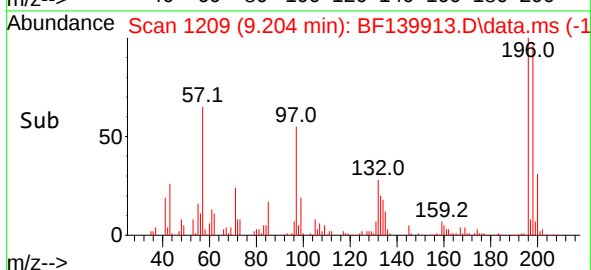
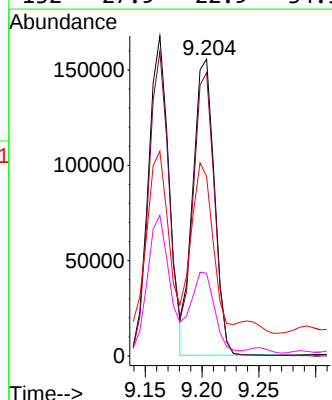
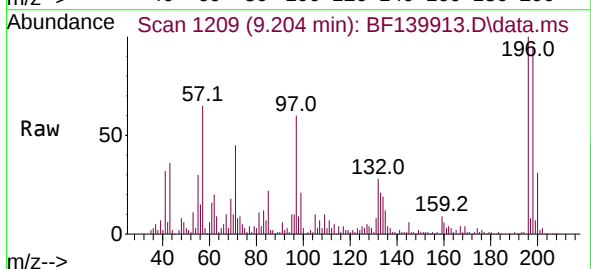
Ion Ratio Lower Upper

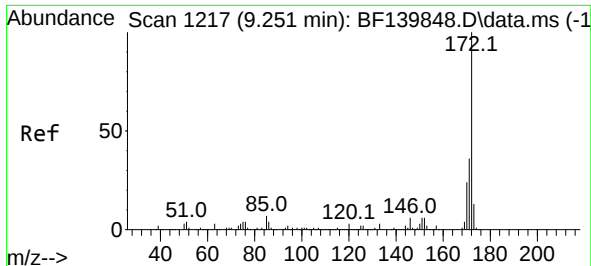
196 100

198 95.4 75.8 113.6

97 60.4 41.8 62.6

132 27.9 22.9 34.3

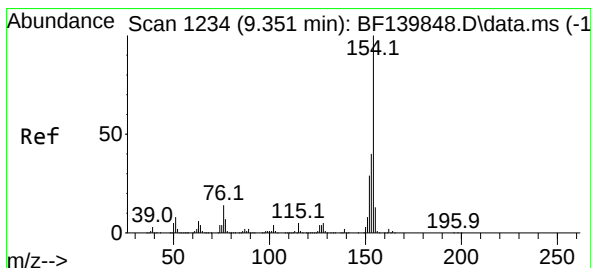
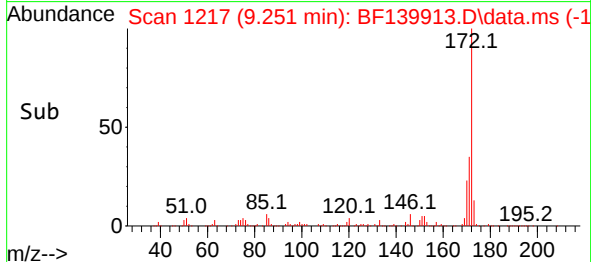
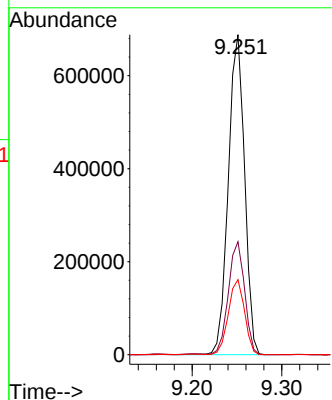
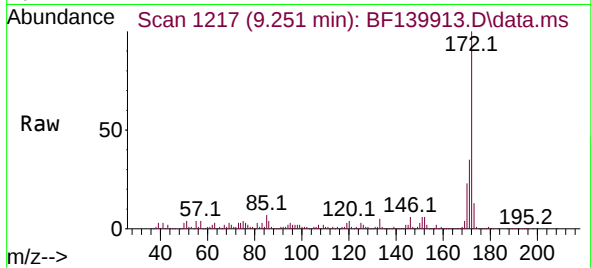




#45
2-Fluorobiphenyl
Concen: 69.894 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

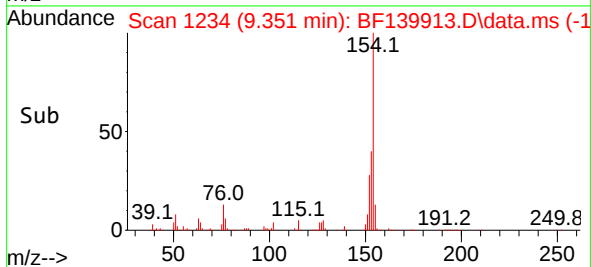
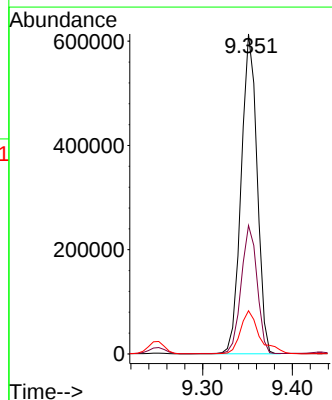
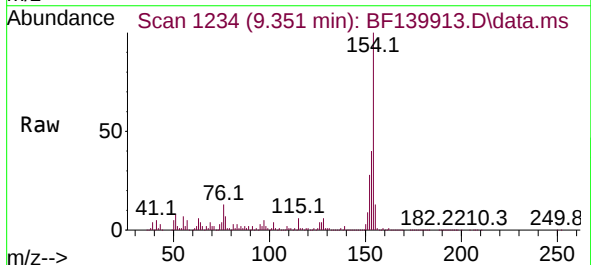
Instrument :
BNA_F
ClientSampleId :
IB-1MS

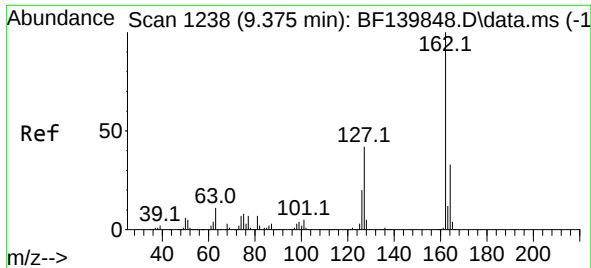
Tgt Ion:172 Resp: 866645
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 19.1 28.7



#46
1,1'-Biphenyl
Concen: 52.887 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:154 Resp: 754467
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.5 0.0 33.9

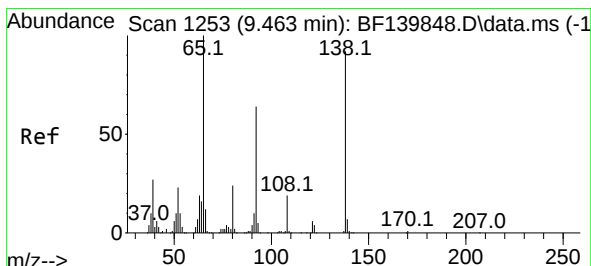
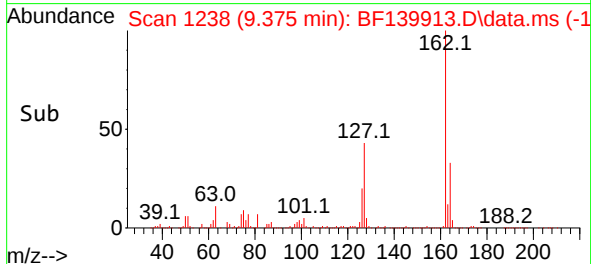
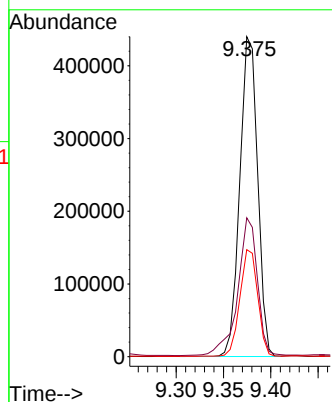
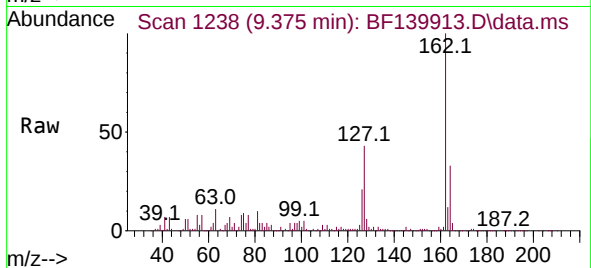




#47
2-Chloronaphthalene
Concen: 50.061 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

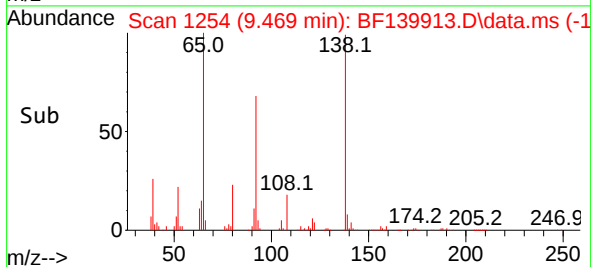
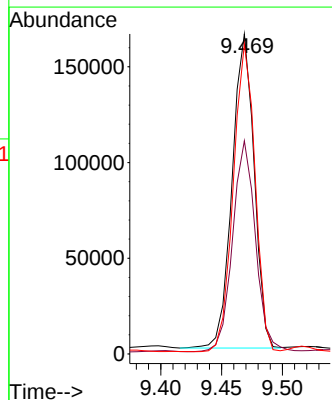
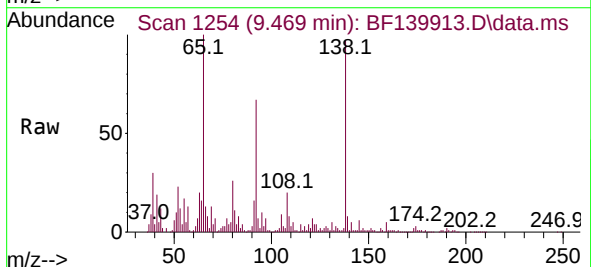
Instrument :
BNA_F
ClientSampleId :
IB-1MS

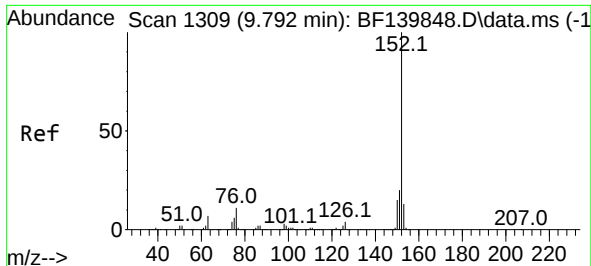
Tgt Ion:162 Resp: 575189
Ion Ratio Lower Upper
162 100
127 43.4 33.8 50.6
164 33.5 26.6 39.8



#48
2-Nitroaniline
Concen: 58.587 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion: 65 Resp: 205879
Ion Ratio Lower Upper
65 100
92 66.6 50.9 76.3
138 96.9 73.4 110.0

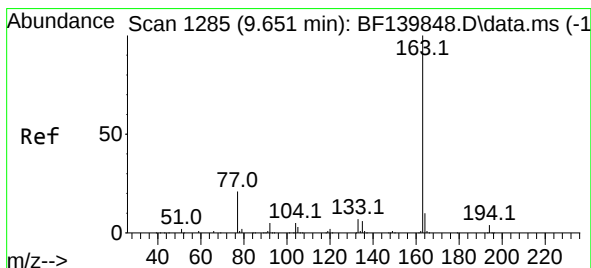
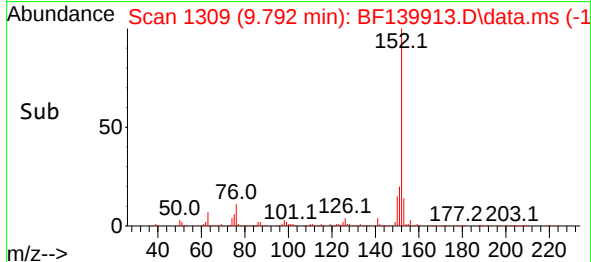
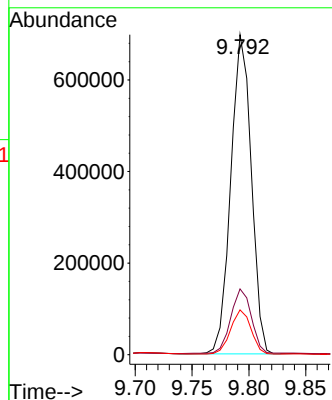
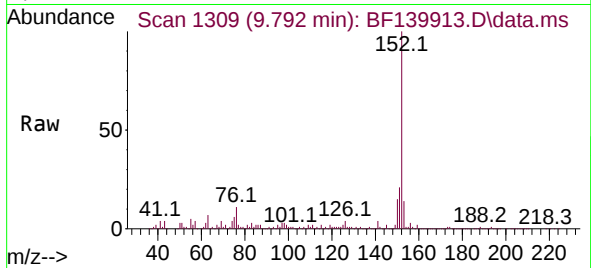




#49
Acenaphthylene
Concen: 52.706 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

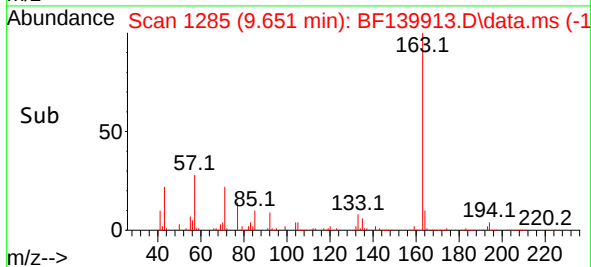
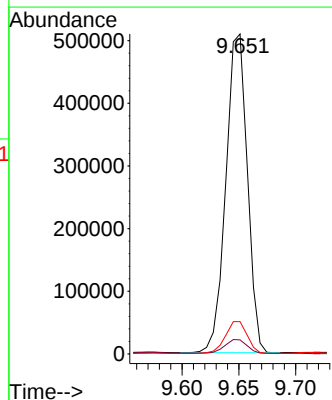
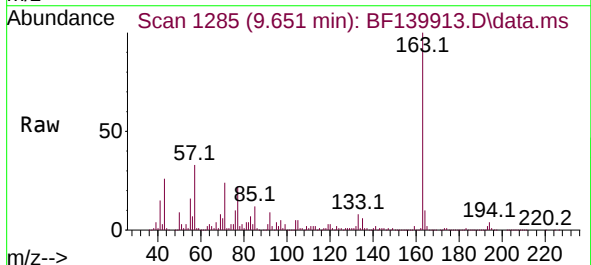
Instrument :
BNA_F
ClientSampleId :
IB-1MS

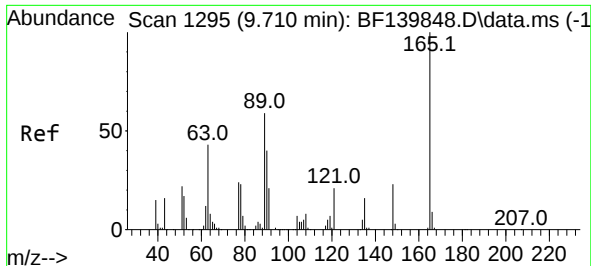
Tgt Ion:152 Resp: 875496
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 14.0 10.7 16.1



#50
Dimethylphthalate
Concen: 52.382 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:163 Resp: 668620
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.1 8.2 12.2

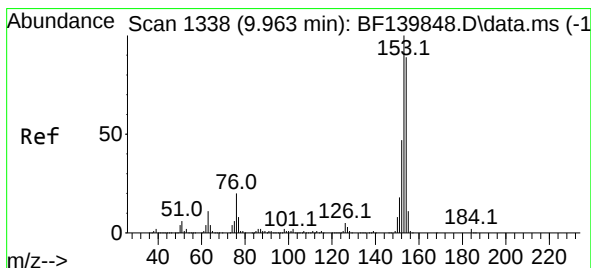
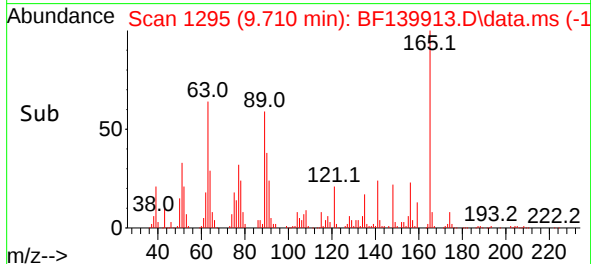
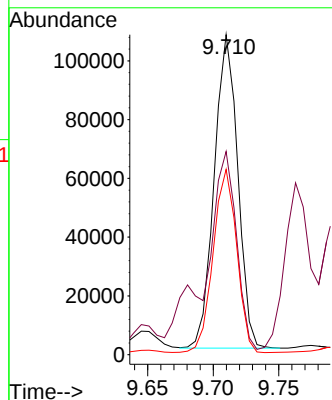
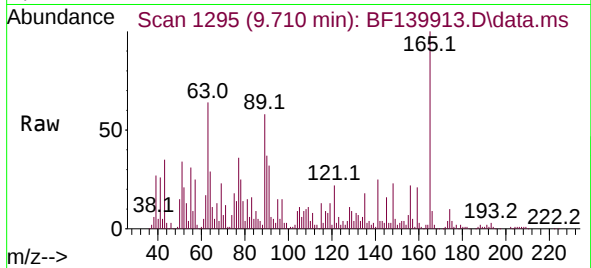




#51
2,6-Dinitrotoluene
Concen: 48.052 ng
RT: 9.710 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

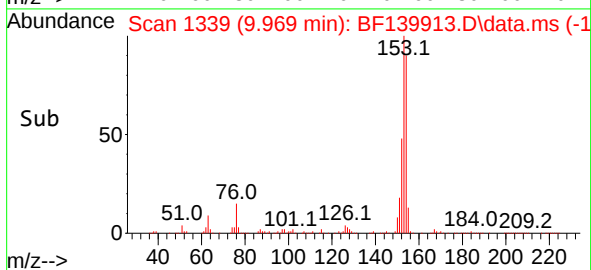
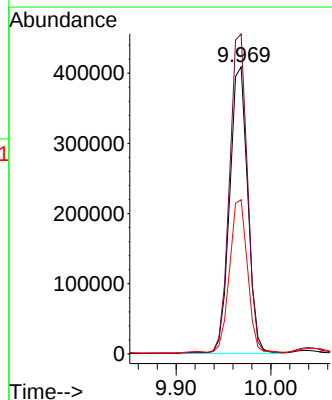
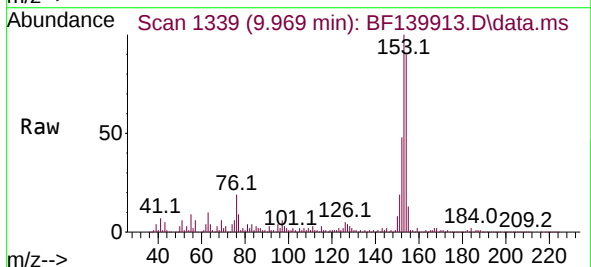
Instrument :
BNA_F
ClientSampleId :
IB-1MS

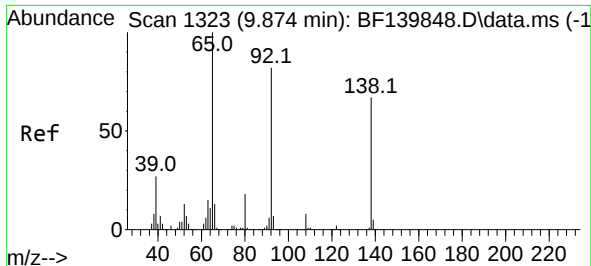
Tgt Ion:165 Resp: 132804
Ion Ratio Lower Upper
165 100
63 63.5 50.6 75.8
89 57.9 47.5 71.3



#52
Acenaphthene
Concen: 50.317 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:154 Resp: 540682
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.6
152 53.8 42.4 63.6

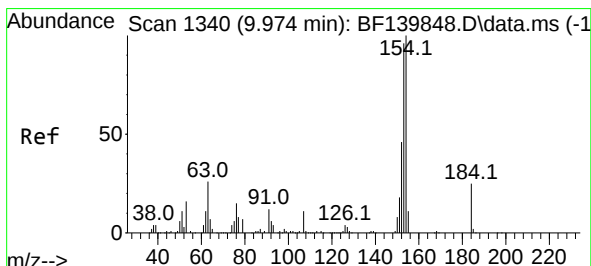
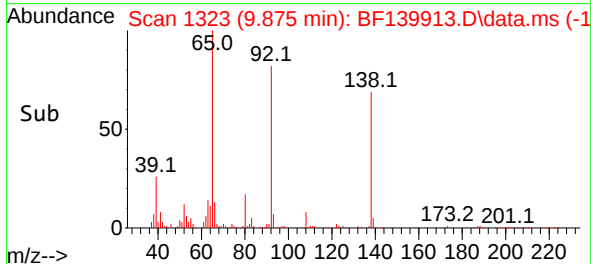
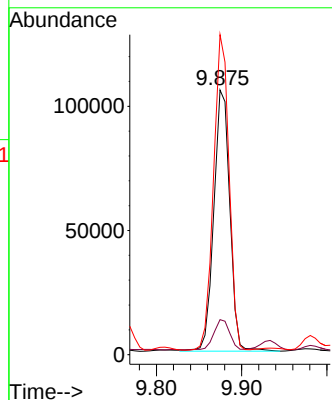
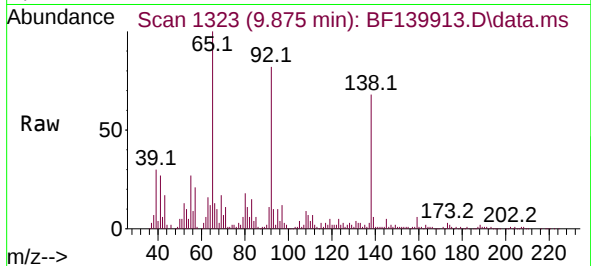




#53
3-Nitroaniline
Concen: 48.072 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

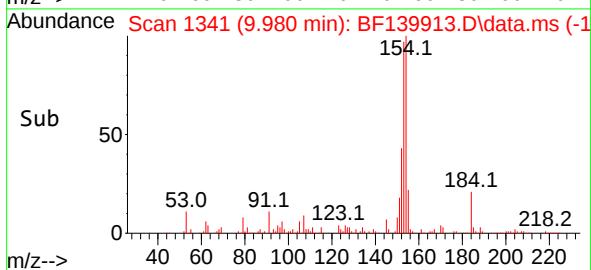
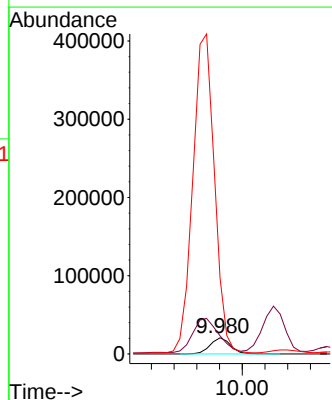
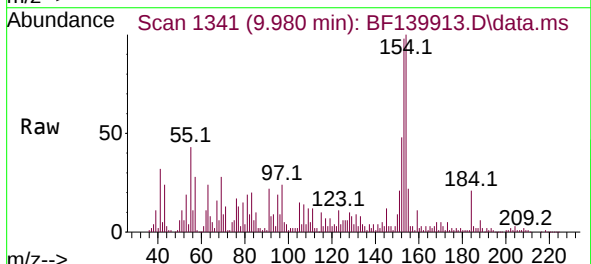
Instrument :
BNA_F
ClientSampleId :
IB-1MS

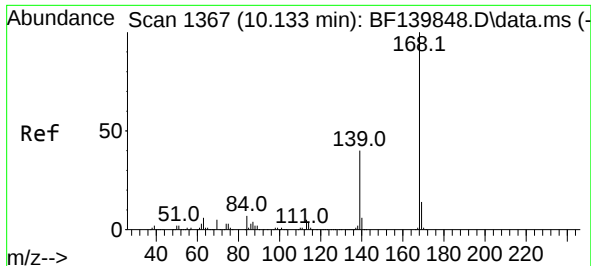
Tgt Ion:138 Resp: 137009
Ion Ratio Lower Upper
138 100
108 13.2 10.2 15.2
92 120.9 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 27.145 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:184 Resp: 25777
Ion Ratio Lower Upper
184 100
63 111.3 84.7 127.1
154 468.5 338.2 507.2

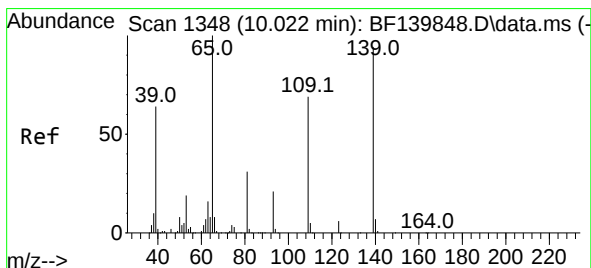
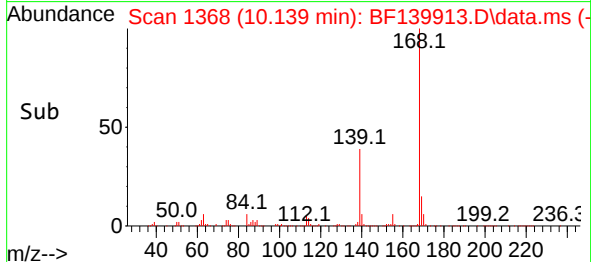
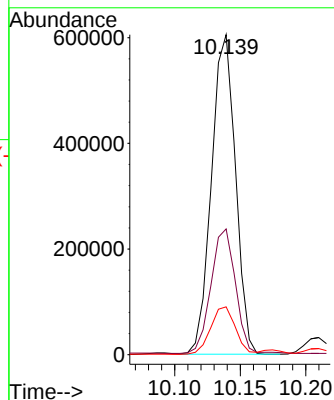
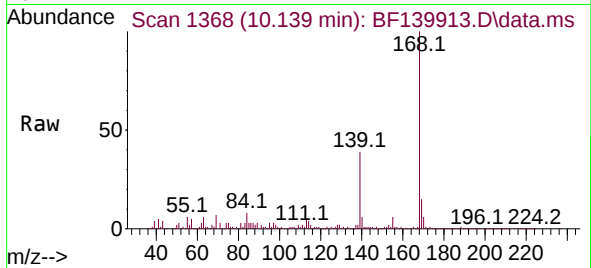




#55
Dibenzenofuran
Concen: 49.950 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

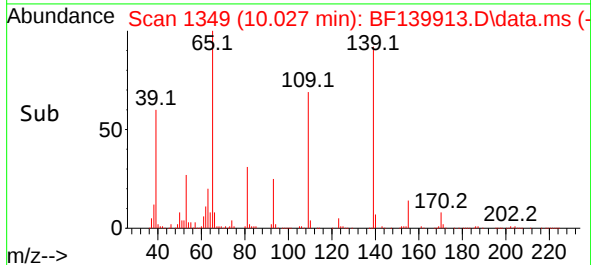
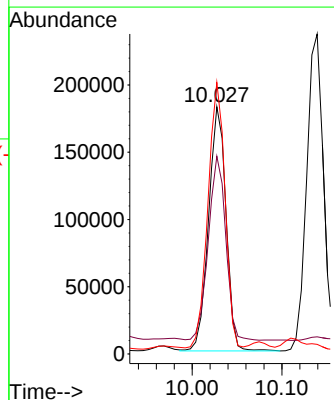
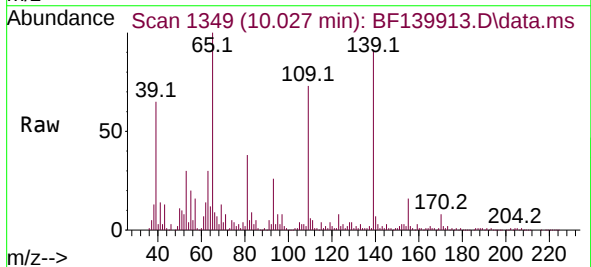
Instrument :
BNA_F
ClientSampleId :
IB-1MS

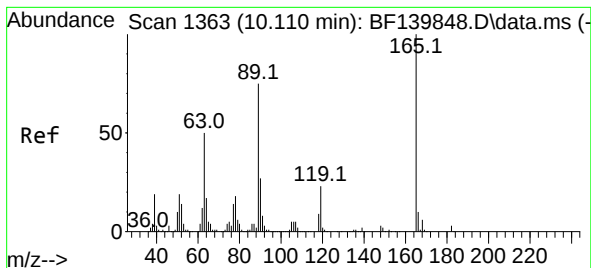
Tgt Ion:168 Resp: 770082
Ion Ratio Lower Upper
168 100
139 39.3 31.8 47.6
169 15.0 11.6 17.4



#56
4-Nitrophenol
Concen: 111.978 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:139 Resp: 245535
Ion Ratio Lower Upper
139 100
109 80.0 53.6 93.6
65 109.9 87.8 127.8

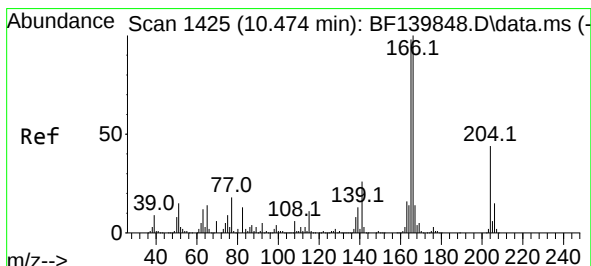
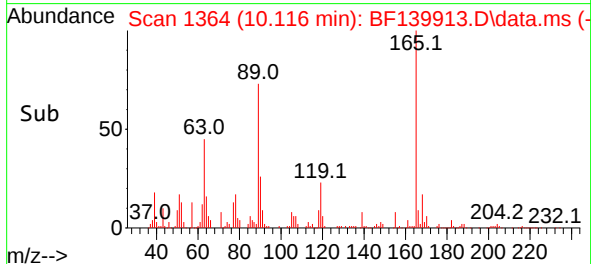
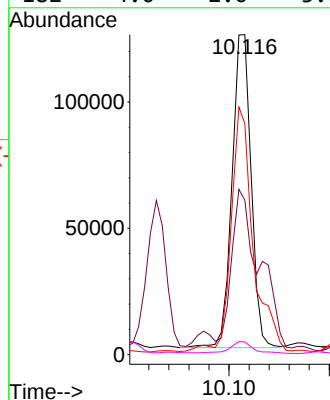
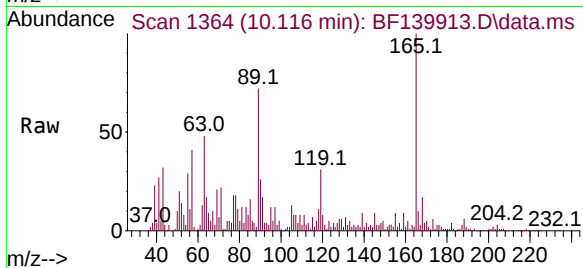




#57
2,4-Dinitrotoluene
Concen: 48.229 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

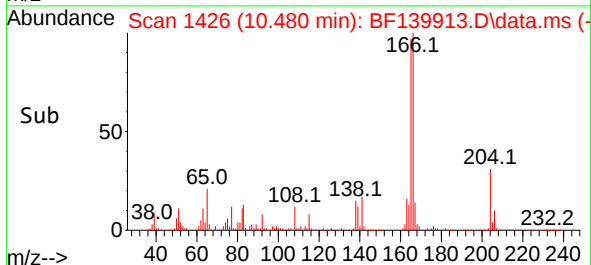
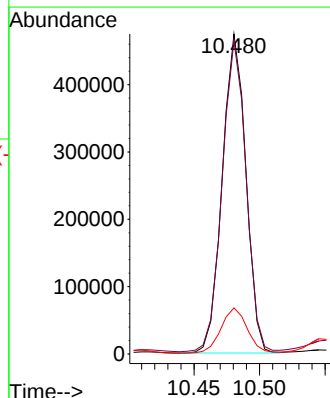
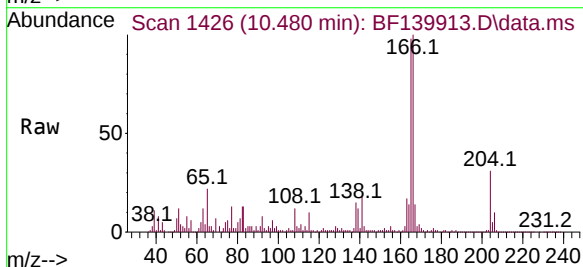
Instrument :
BNA_F
ClientSampleId :
IB-1MS

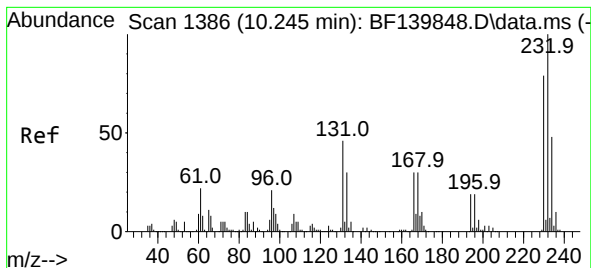
Tgt Ion:165 Resp: 163914
Ion Ratio Lower Upper
165 100
63 48.3 40.1 60.1
89 72.2 60.4 90.6
182 4.0 2.0 3.0#



#58
Fluorene
Concen: 50.539 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:166 Resp: 593457
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 14.4 10.9 16.3

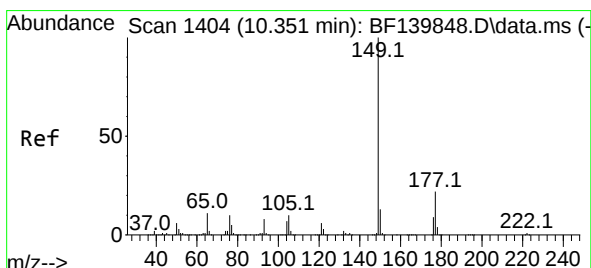
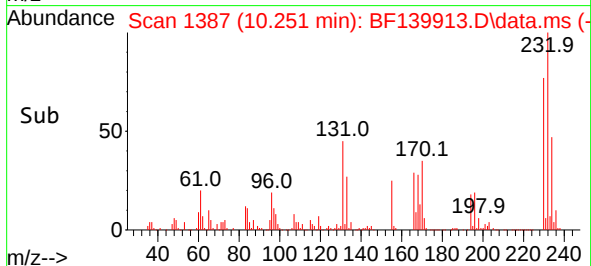
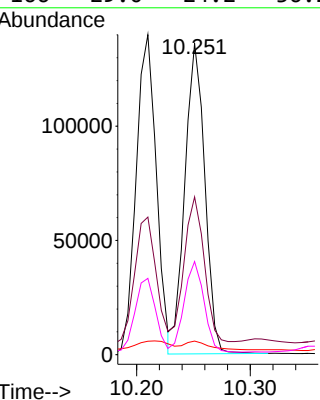
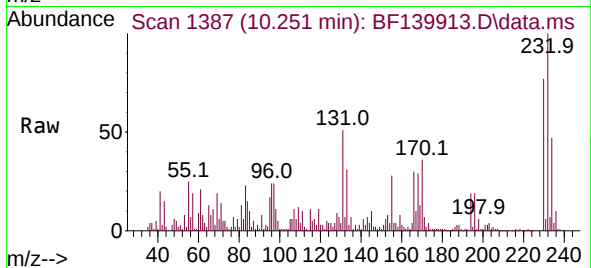




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.441 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

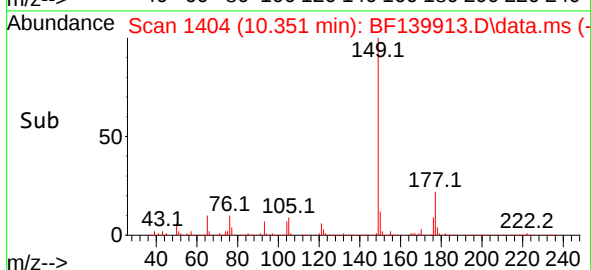
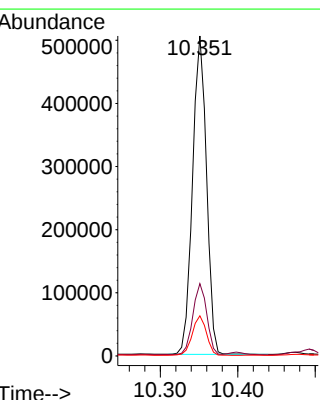
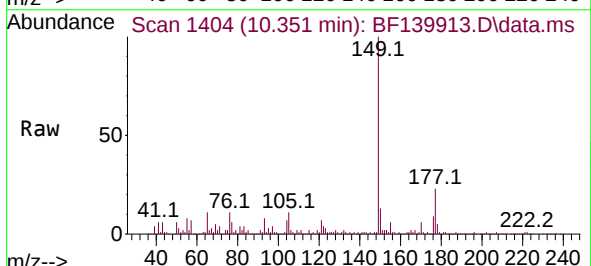
Instrument :
BNA_F
ClientSampleId :
IB-1MS

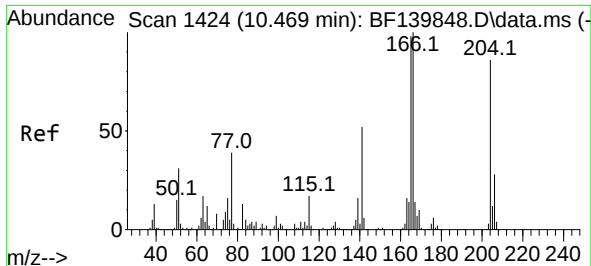
Tgt Ion:232 Resp: 166015
Ion Ratio Lower Upper
232 100
131 48.6 37.0 55.6
130 3.3 1.9 2.9#
166 29.0 24.2 36.2



#60
Diethylphthalate
Concen: 50.384 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:149 Resp: 631447
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.6 10.1 15.1

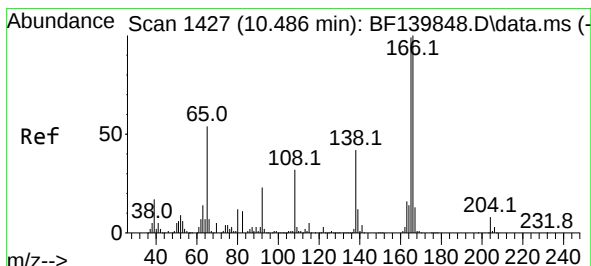
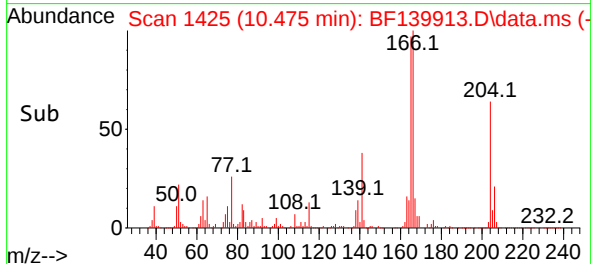
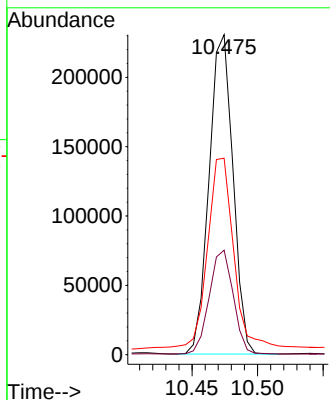
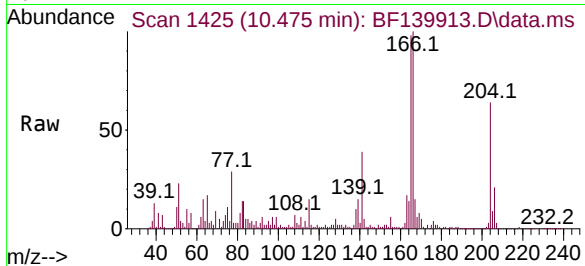




#61
4-Chlorophenyl-phenylether
Concen: 49.197 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

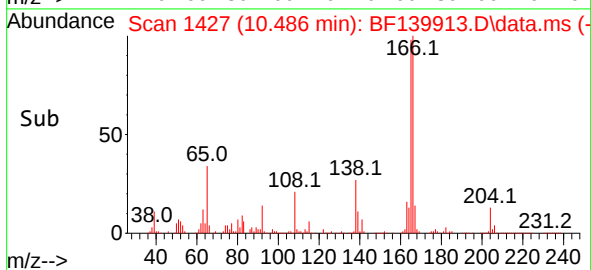
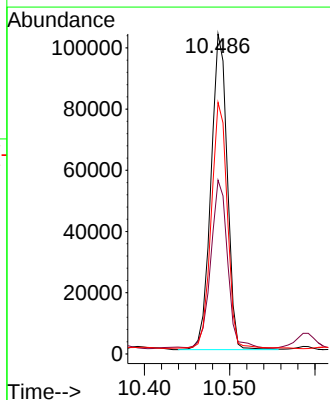
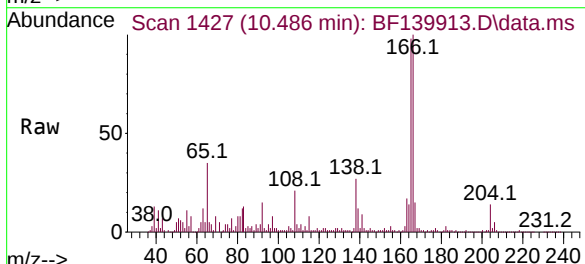
Instrument :
BNA_F
ClientSampleId :
IB-1MS

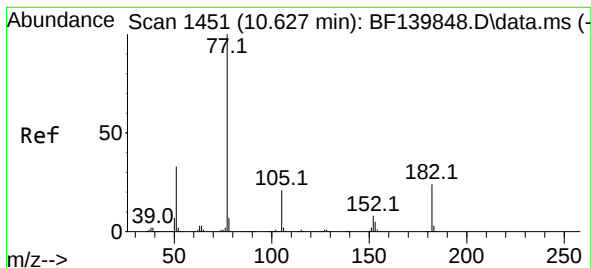
Tgt Ion:204 Resp: 291738
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 61.4 48.6 73.0



#62
4-Nitroaniline
Concen: 50.897 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:138 Resp: 137005
Ion Ratio Lower Upper
138 100
92 54.3 35.7 75.7
108 78.6 57.5 97.5





#63

Azobenzene

Concen: 51.598 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

Tgt Ion: 77 Resp: 685558

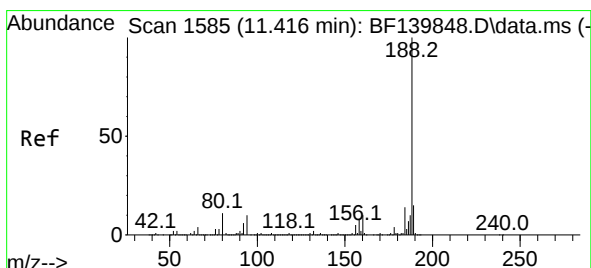
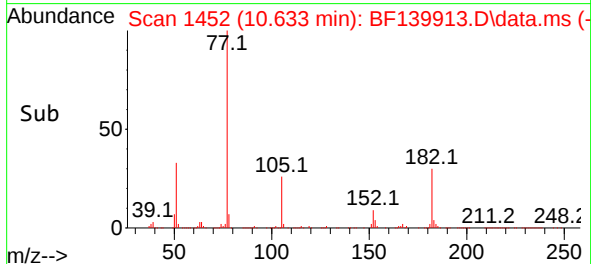
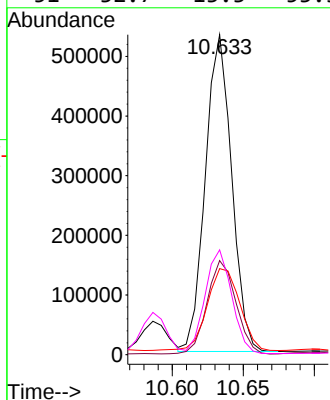
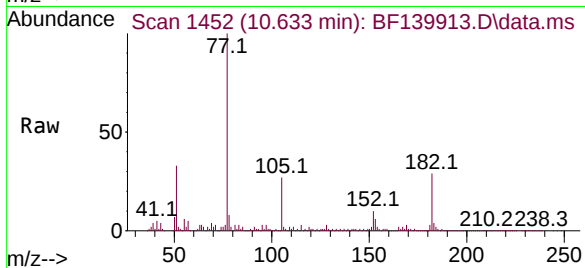
Ion Ratio Lower Upper

77 100

182 29.4 3.3 43.3

105 26.9 1.2 41.2

51 32.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

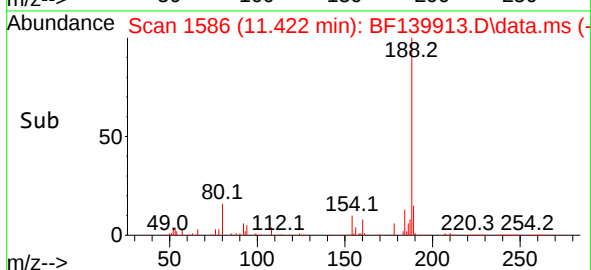
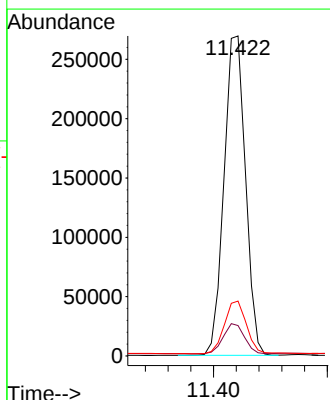
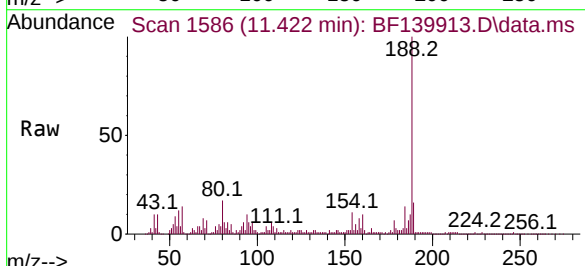
Tgt Ion: 188 Resp: 353593

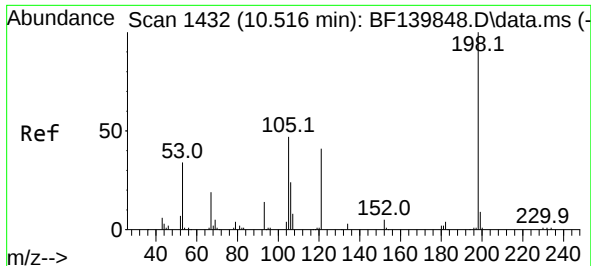
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 17.2 9.0 13.4#

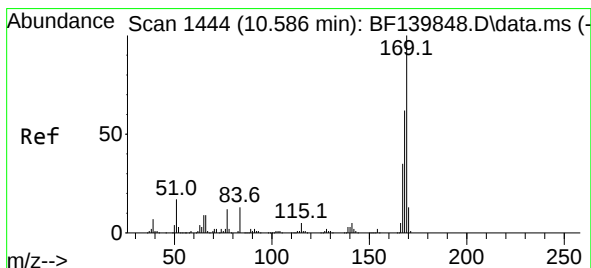
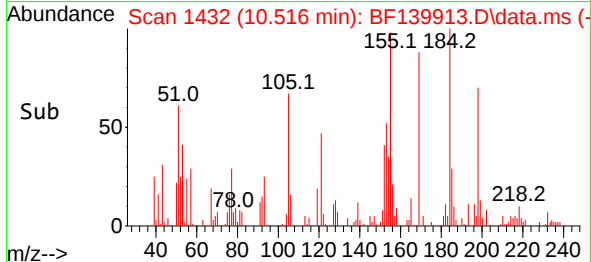
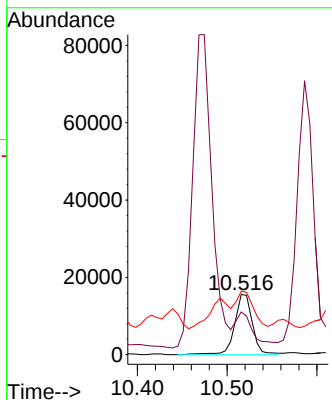
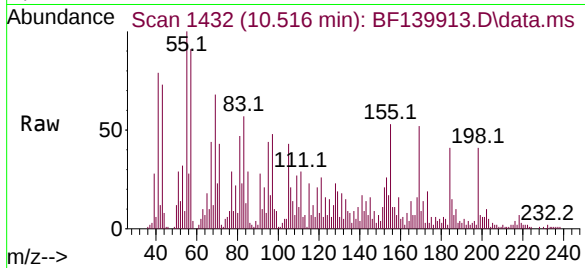




#65
4,6-Dinitro-2-methylphenol
Concen: 14.858 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

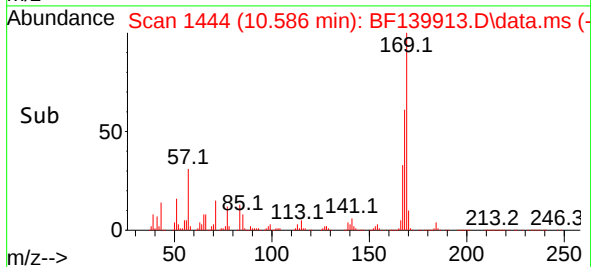
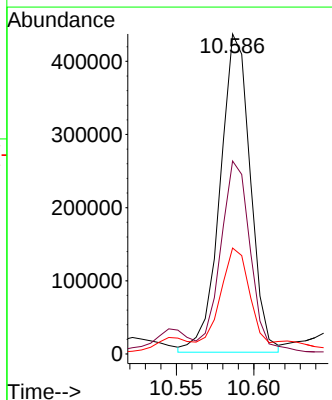
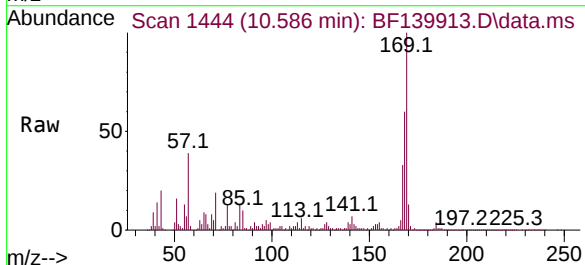
Instrument :
BNA_F
ClientSampleId :
IB-1MS

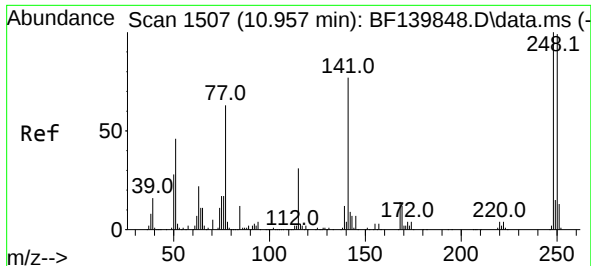
Tgt Ion:198 Resp: 21430
Ion Ratio Lower Upper
198 100
51 71.1 38.2 78.2
105 105.4 27.9 67.9#



#66
n-Nitrosodiphenylamine
Concen: 55.784 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:169 Resp: 590354
Ion Ratio Lower Upper
169 100
168 60.3 49.8 74.6
167 33.1 28.0 42.0

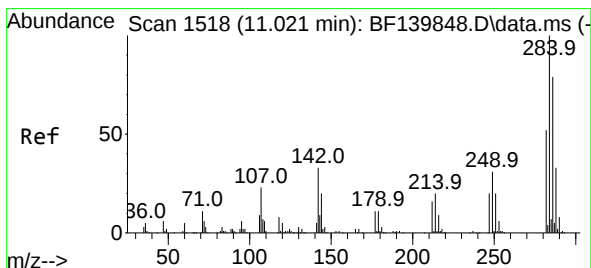
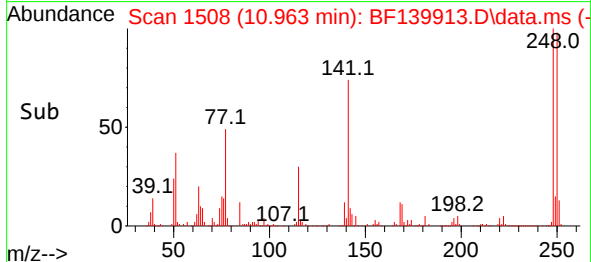
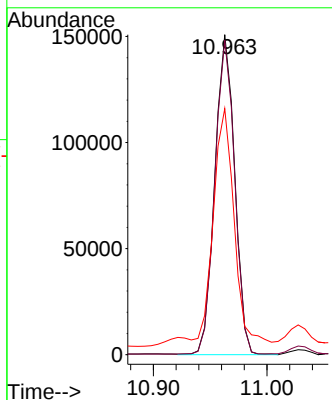
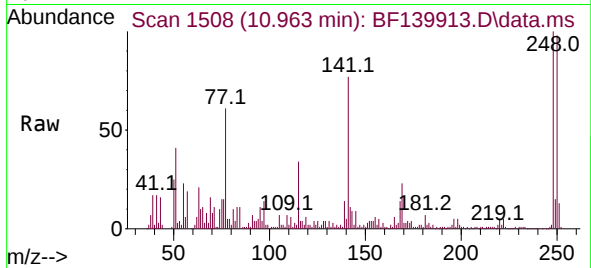




#67
4-Bromophenyl-phenylether
Concen: 50.418 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

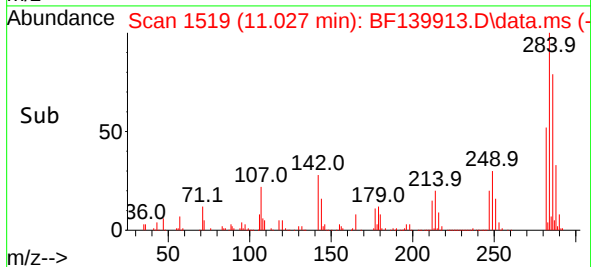
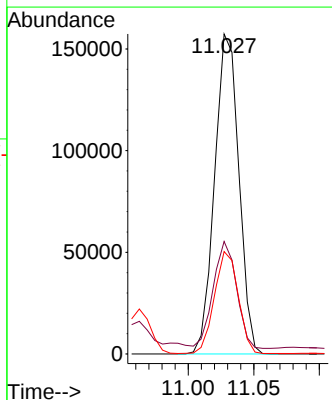
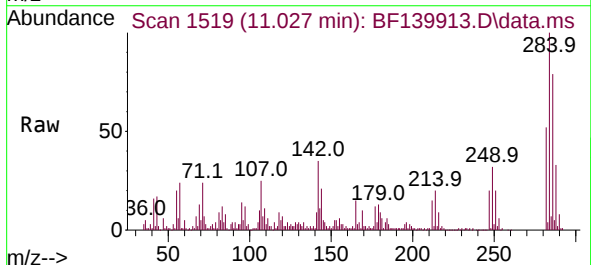
Instrument :
BNA_F
ClientSampleId :
IB-1MS

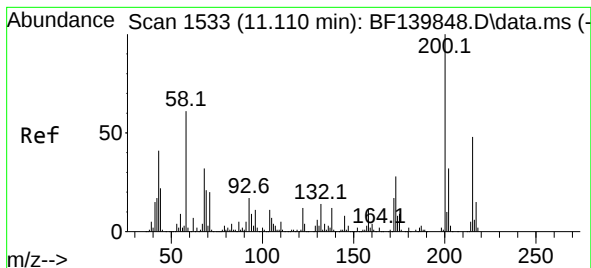
Tgt Ion:248 Resp: 183655
Ion Ratio Lower Upper
248 100
250 98.3 79.0 118.6
141 76.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 49.219 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:284 Resp: 201639
Ion Ratio Lower Upper
284 100
142 35.1 26.9 40.3
249 32.0 25.3 37.9





#69

Atrazine

Concen: 59.646 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

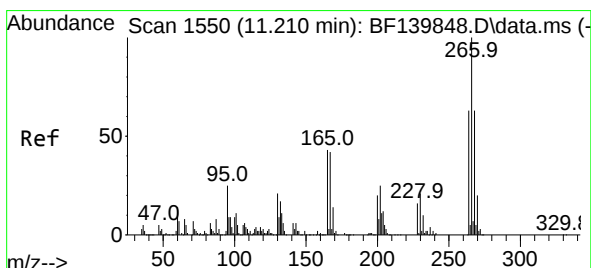
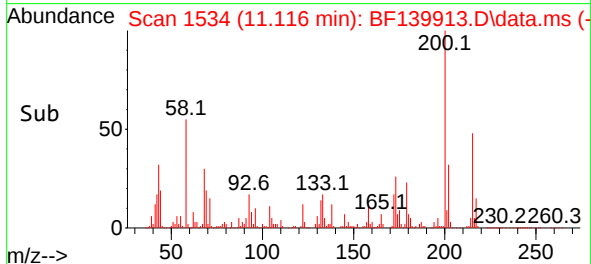
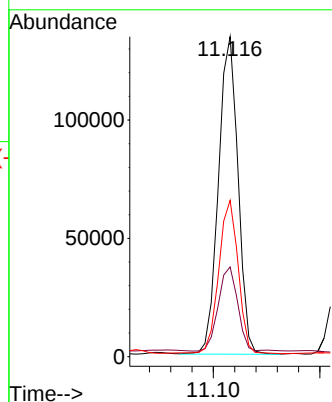
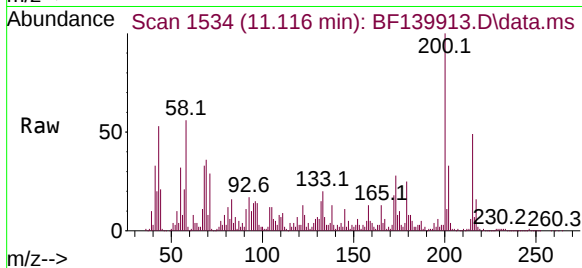
Tgt Ion:200 Resp: 170992

Ion Ratio Lower Upper

200 100

173 28.1 7.7 47.7

215 48.8 27.7 67.7



#70

Pentachlorophenol

Concen: 106.205 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.012 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

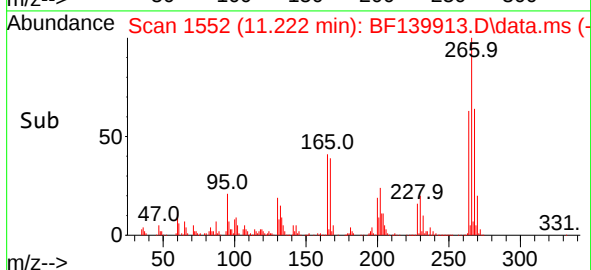
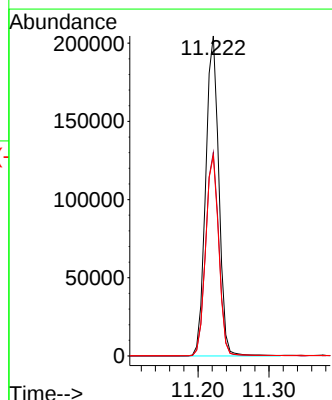
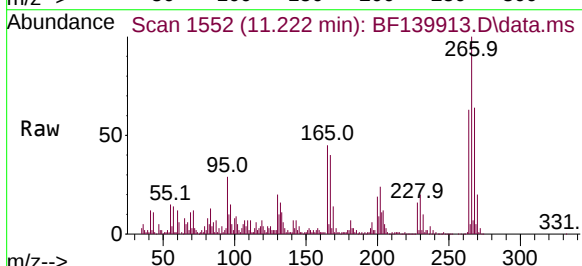
Tgt Ion:266 Resp: 264064

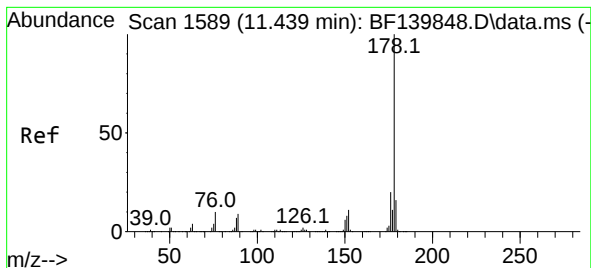
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 62.5 50.6 75.8





#71

Phenanthrene

Concen: 56.322 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

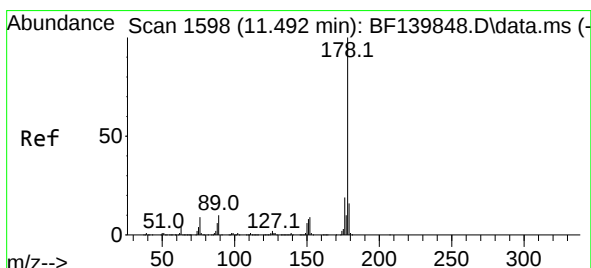
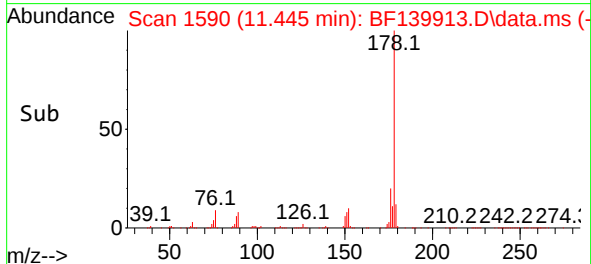
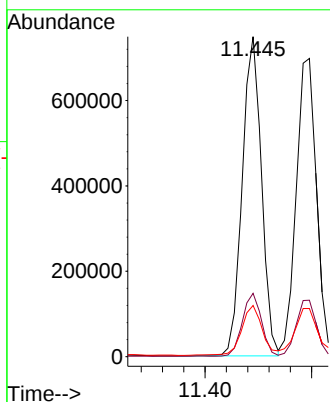
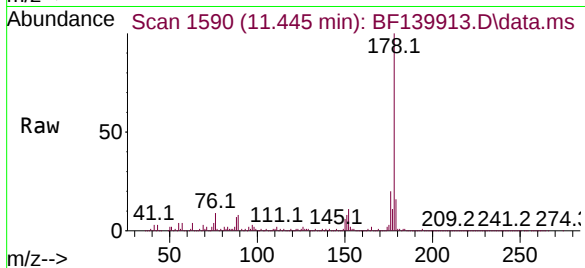
Tgt Ion:178 Resp: 940706

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 16.0 12.6 18.8



#72

Anthracene

Concen: 57.452 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

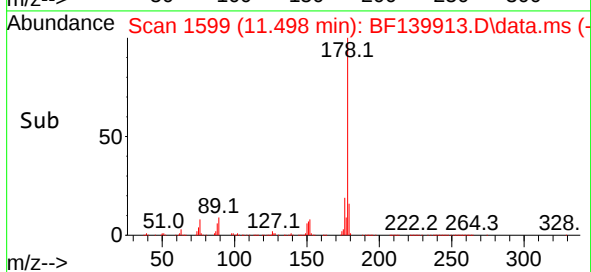
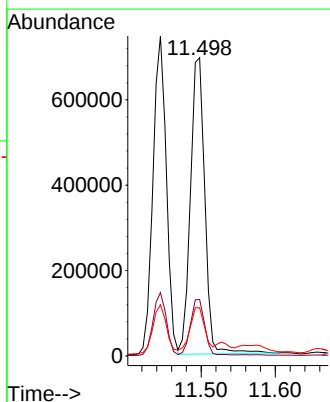
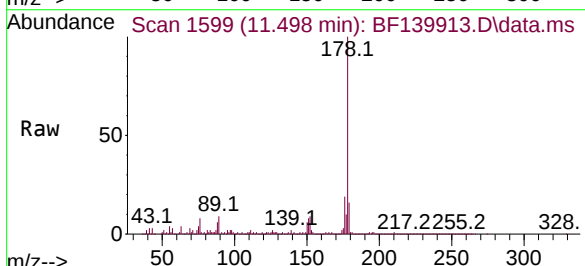
Tgt Ion:178 Resp: 936244

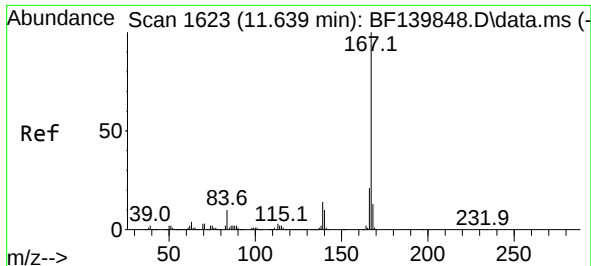
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 16.2 12.4 18.6

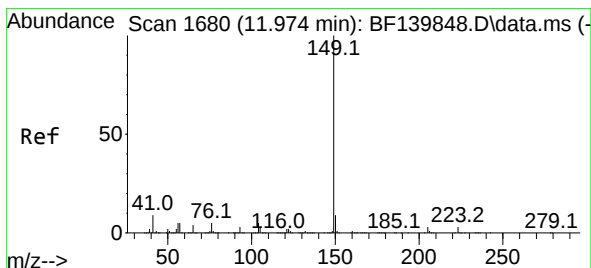
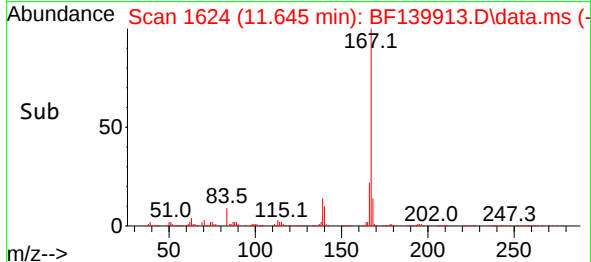
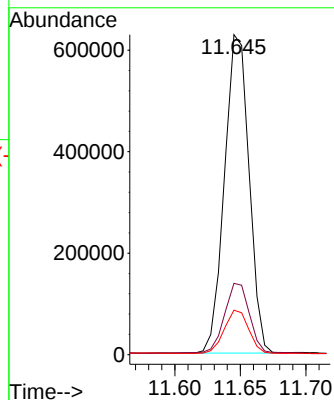
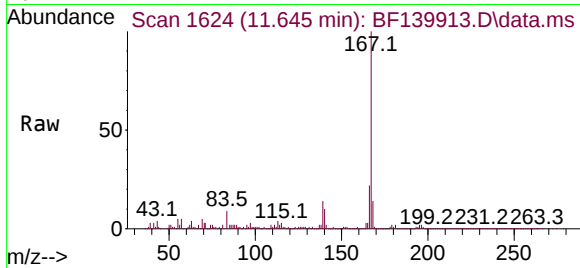




#73
Carbazole
Concen: 53.960 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

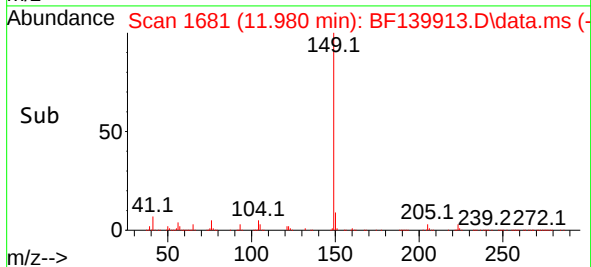
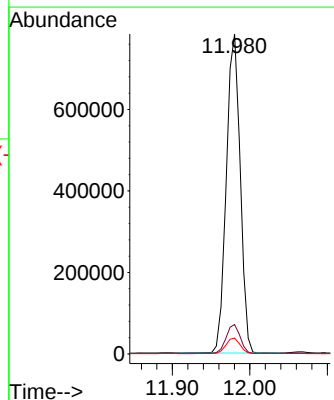
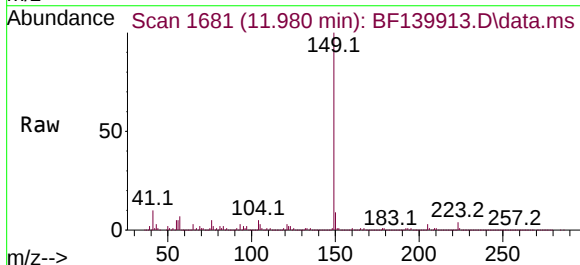
Instrument :
BNA_F
ClientSampleId :
IB-1MS

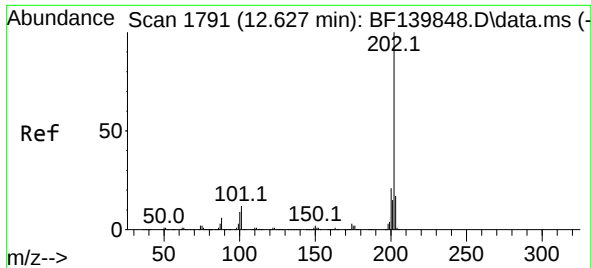
Tgt Ion:167 Resp: 817806
Ion Ratio Lower Upper
167 100
166 22.3 17.0 25.6
139 13.9 10.8 16.2



#74
Di-n-butylphthalate
Concen: 55.533 ng
RT: 11.980 min Scan# 1681
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:149 Resp: 972388
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.0 4.1 6.1

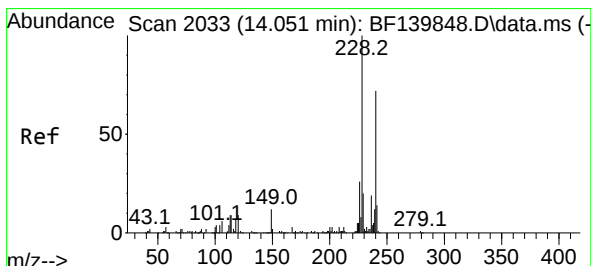
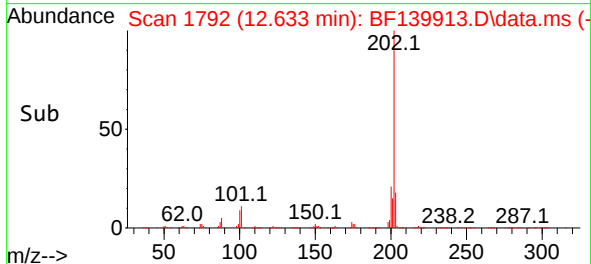
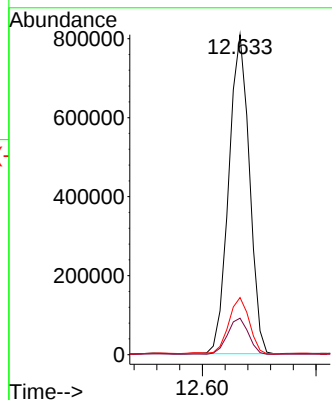
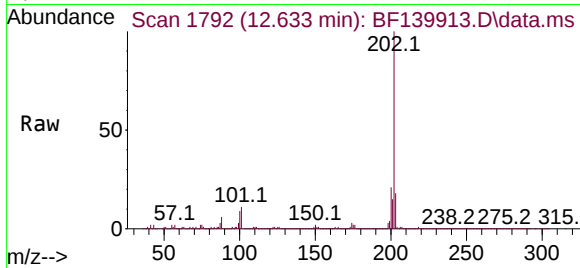




#75
Fluoranthene
Concen: 60.353 ng
RT: 12.633 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

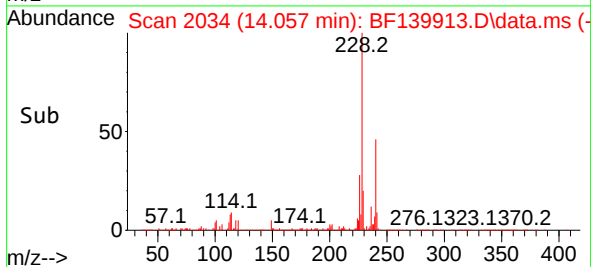
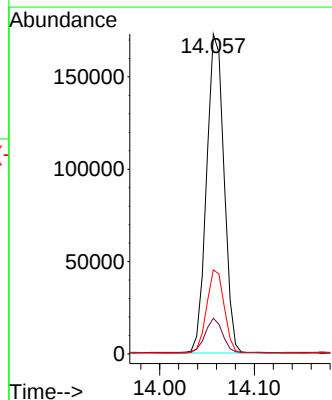
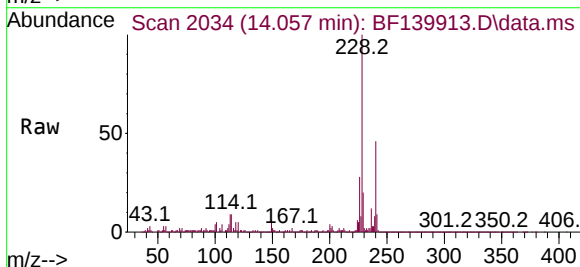
Instrument :
BNA_F
ClientSampleId :
IB-1MS

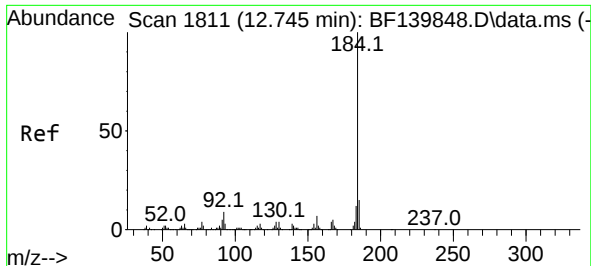
Tgt Ion:202 Resp: 1019032
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:240 Resp: 220529
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.3 20.9 31.3

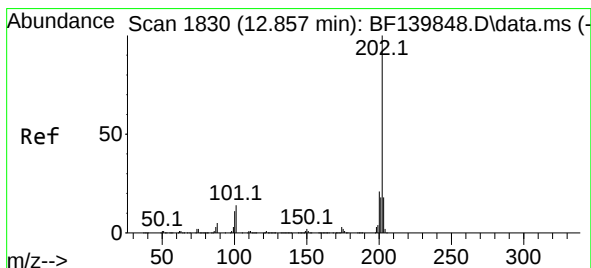
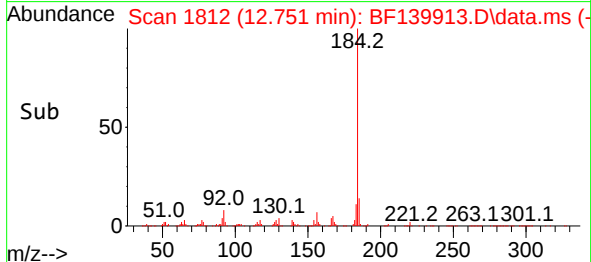
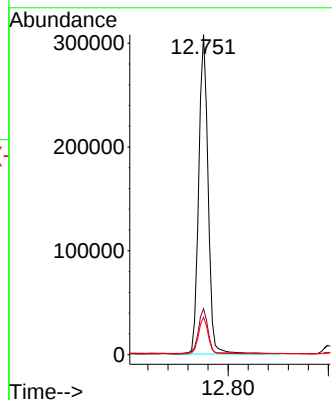
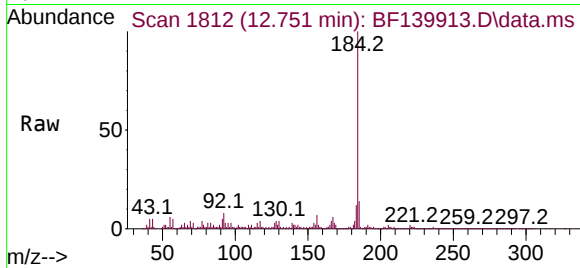




#77
Benzidine
Concen: 109.388 ng
RT: 12.751 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

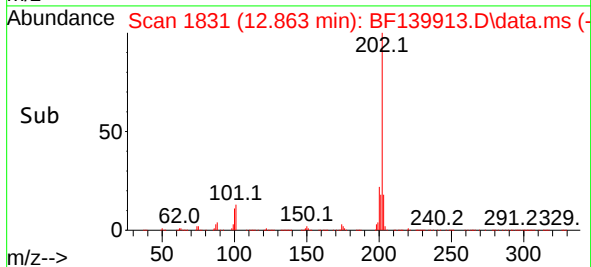
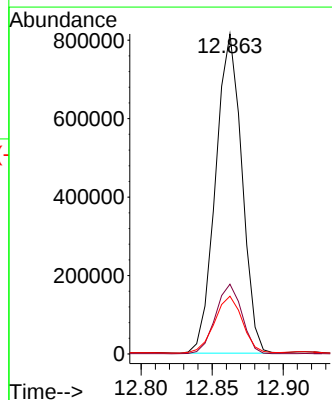
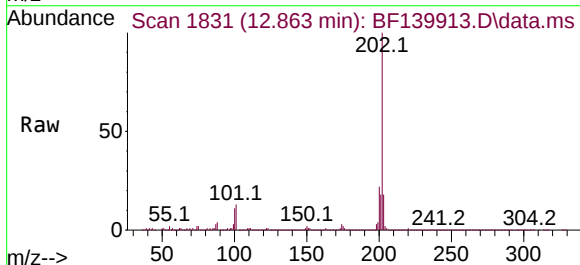
Instrument :
BNA_F
ClientSampleId :
IB-1MS

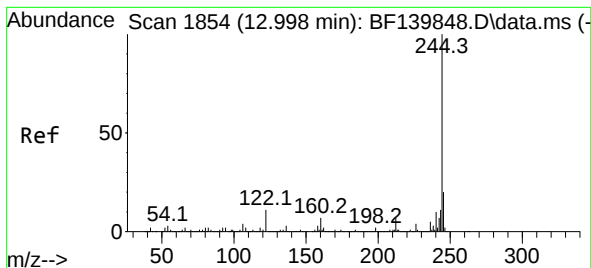
Tgt Ion:184 Resp: 396666
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 11.7 9.4 14.2



#78
Pyrene
Concen: 54.260 ng
RT: 12.863 min Scan# 1831
Delta R.T. 0.006 min
Lab File: BF139913.D
Acq: 21 Oct 2024 20:03

Tgt Ion:202 Resp: 1047407
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 58.347 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

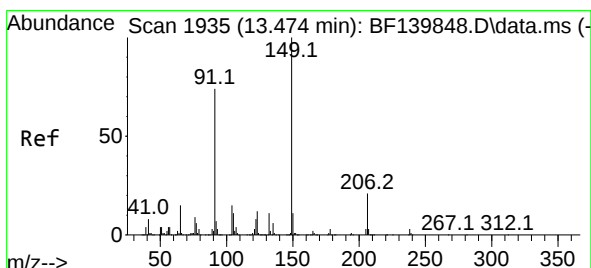
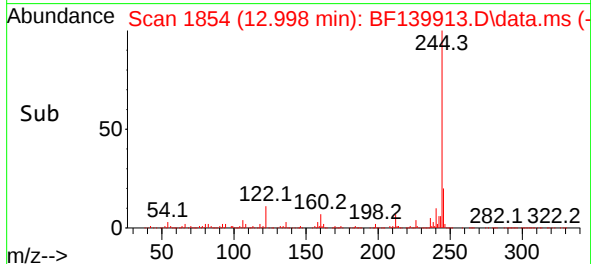
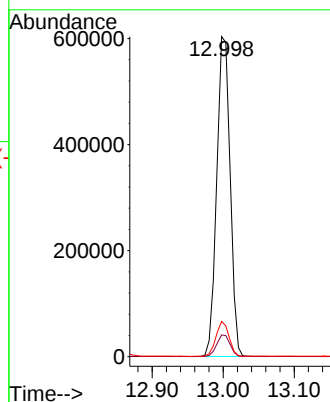
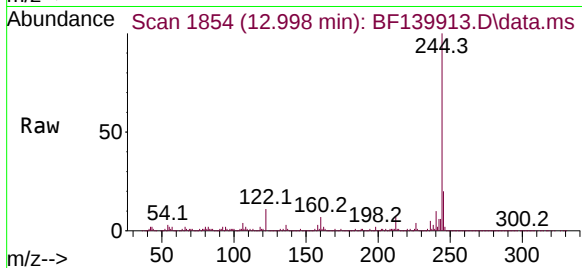
Tgt Ion:244 Resp: 789654

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 11.0 8.6 13.0



#80

Butylbenzylphthalate

Concen: 68.491 ng

RT: 13.480 min Scan# 1936

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

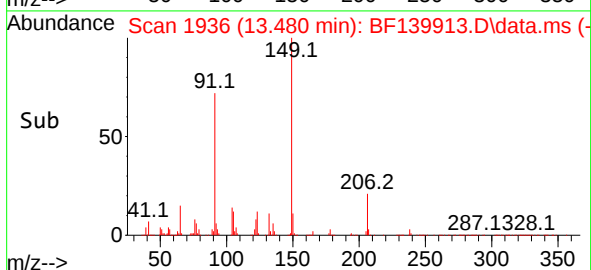
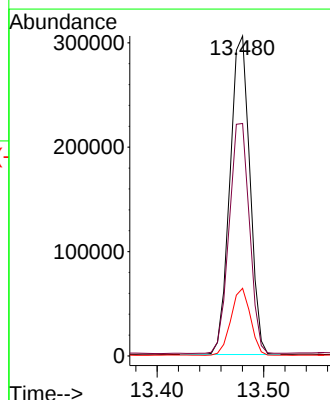
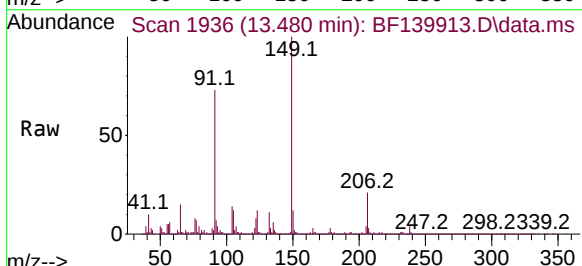
Tgt Ion:149 Resp: 396374

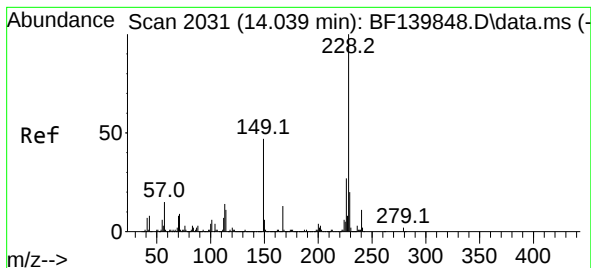
Ion Ratio Lower Upper

149 100

91 72.7 59.4 89.2

206 21.2 16.4 24.6





#81

Benzo(a)anthracene

Concen: 56.662 ng

RT: 14.051 min Scan# 2031

Delta R.T. 0.012 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

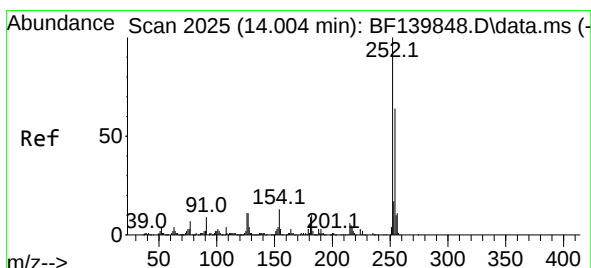
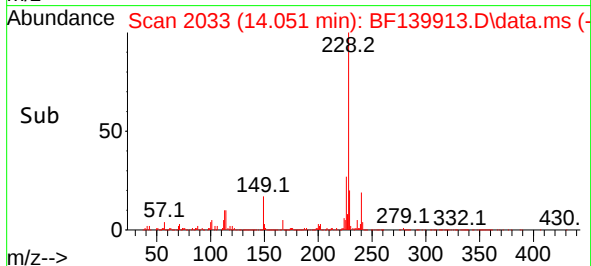
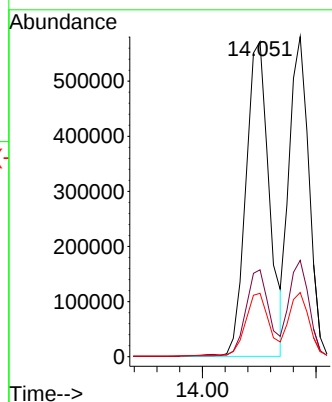
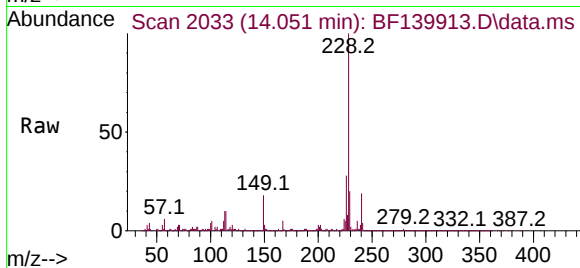
Tgt Ion:228 Resp: 813419

Ion Ratio Lower Upper

228 100

226 27.6 21.6 32.4

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 56.271 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

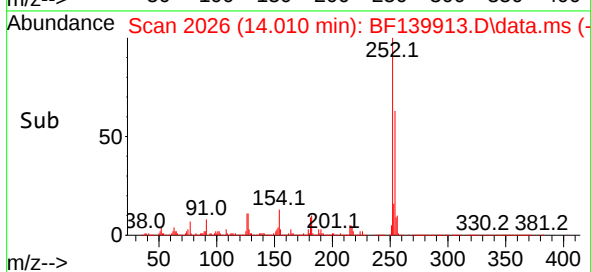
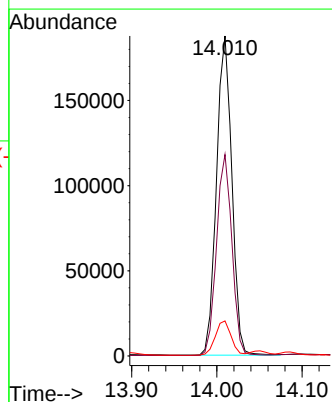
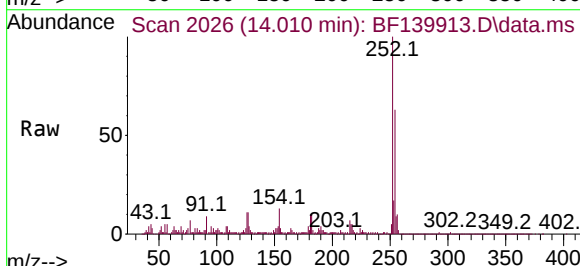
Tgt Ion:252 Resp: 235529

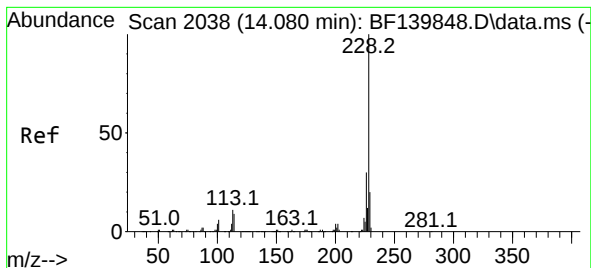
Ion Ratio Lower Upper

252 100

254 62.9 50.8 76.2

126 10.9 8.9 13.3





#83

Chrysene

Concen: 52.867 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

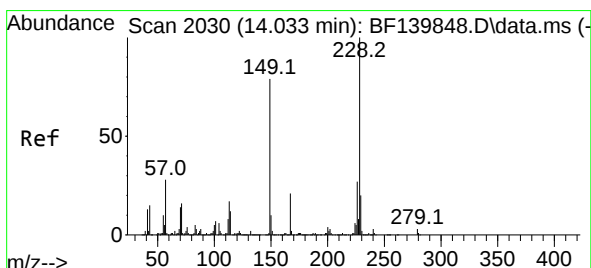
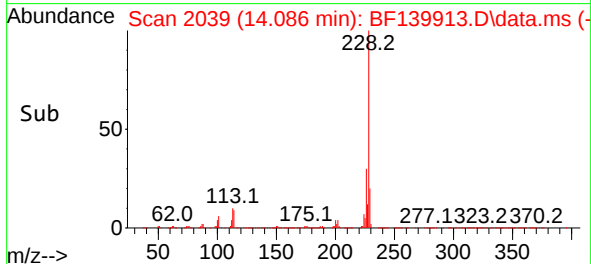
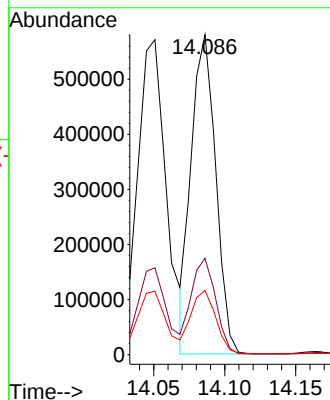
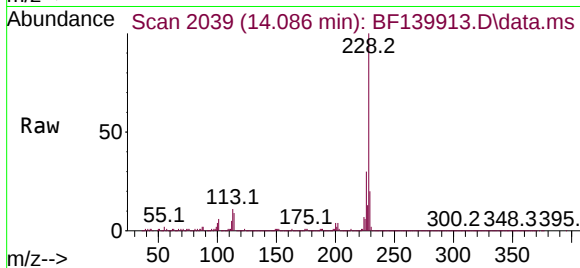
Tgt Ion:228 Resp: 695863

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 77.816 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

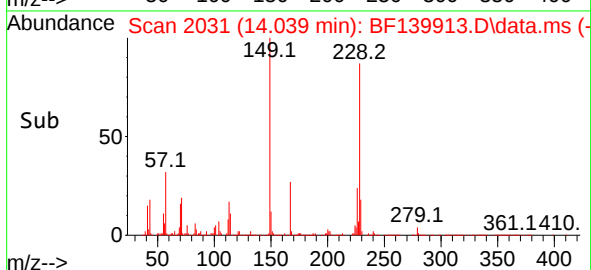
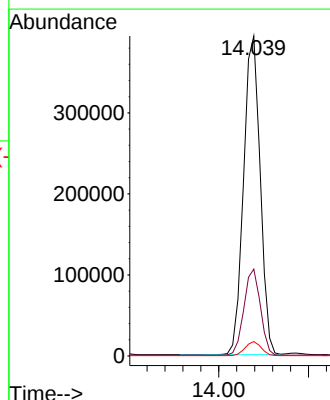
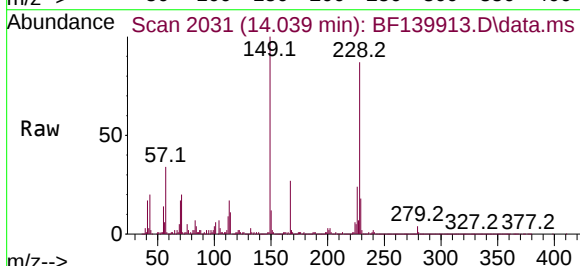
Tgt Ion:149 Resp: 505261

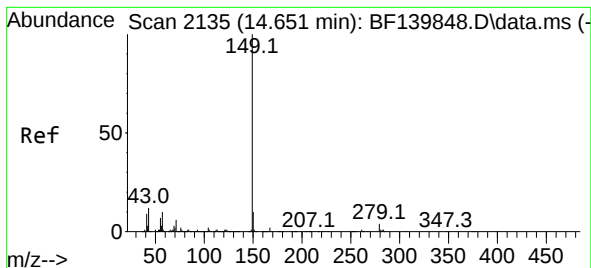
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 65.682 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

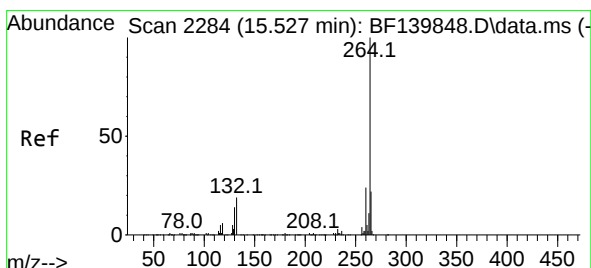
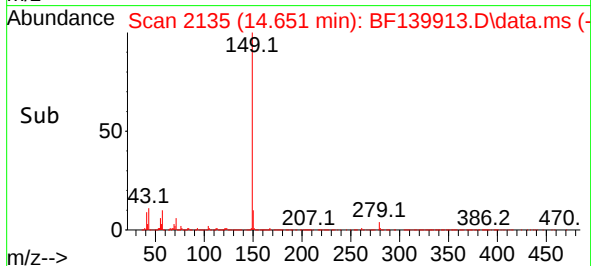
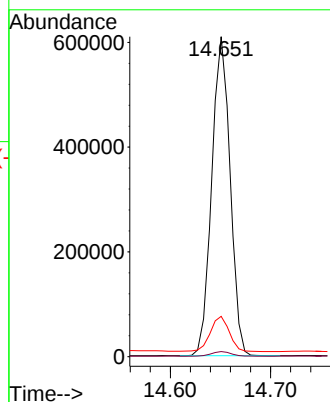
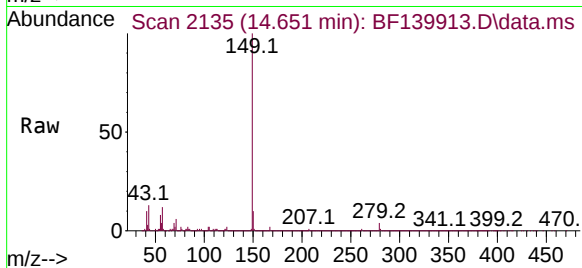
Tgt Ion:149 Resp: 775706

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.5 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.012 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

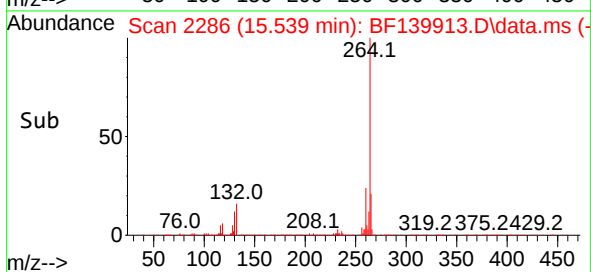
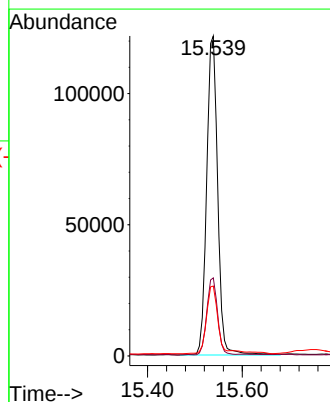
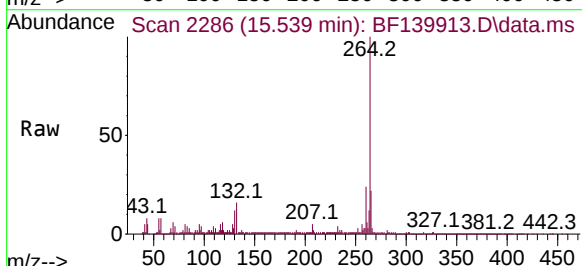
Tgt Ion:264 Resp: 196259

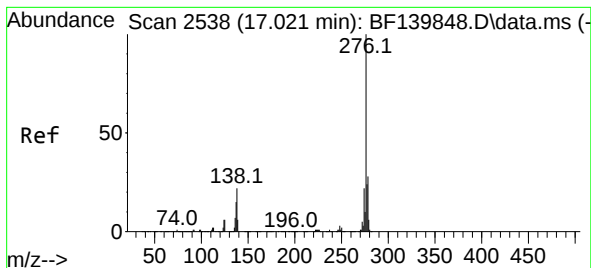
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.924 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

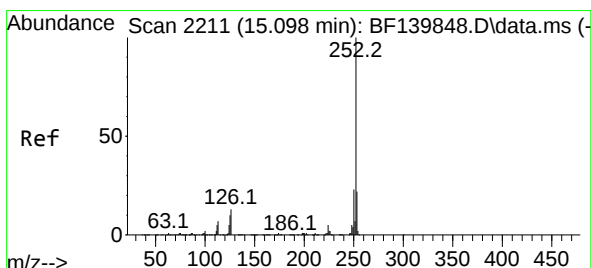
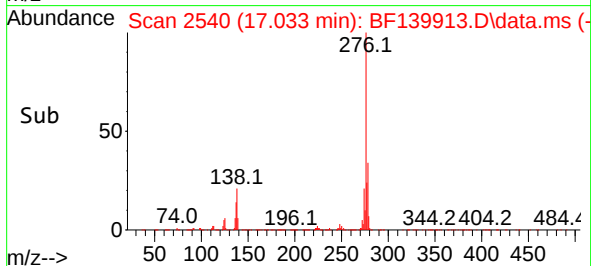
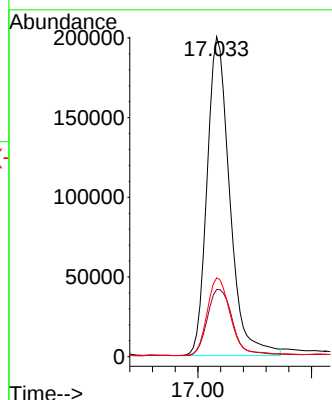
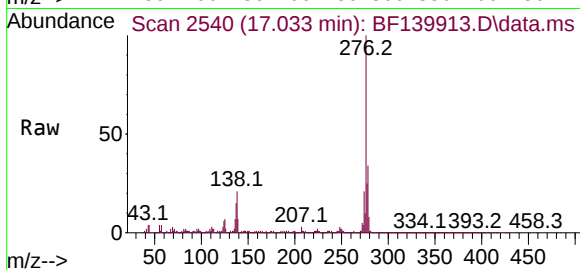
Tgt Ion:276 Resp: 554581

Ion Ratio Lower Upper

276 100

138 23.5 20.4 30.6

277 25.7 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.381 ng

RT: 15.104 min Scan# 2212

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

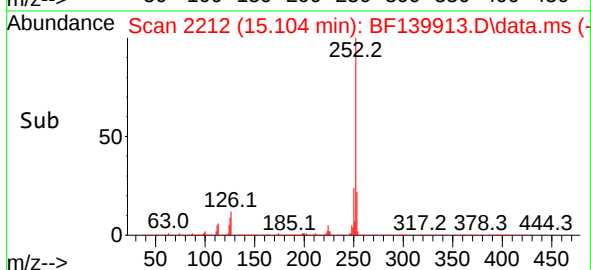
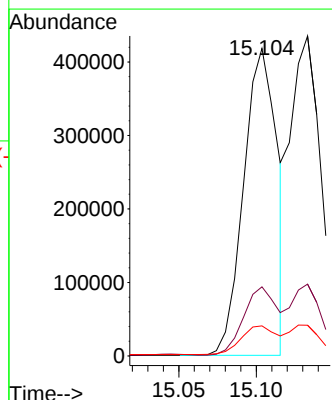
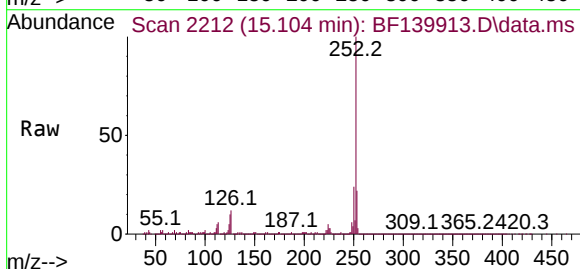
Tgt Ion:252 Resp: 626232

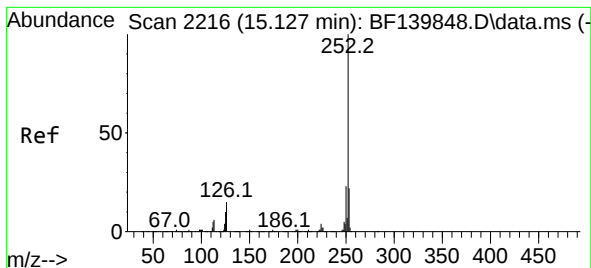
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 57.841 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

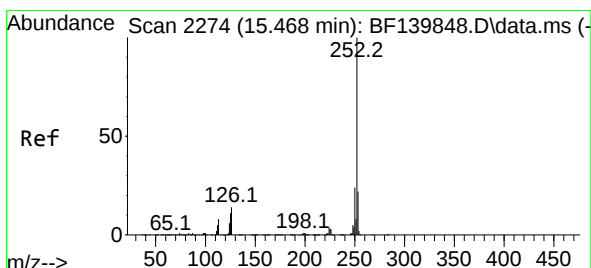
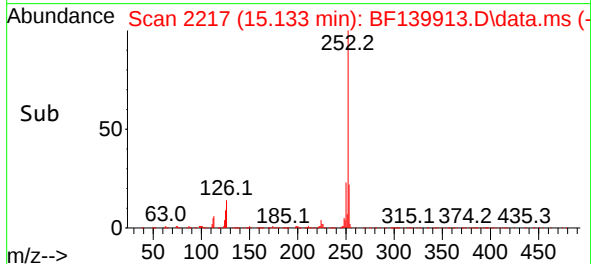
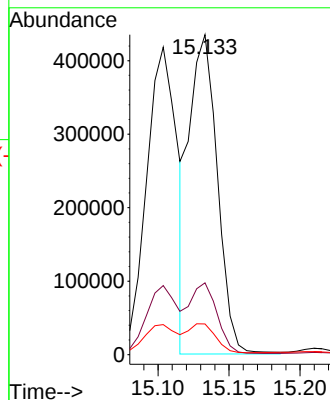
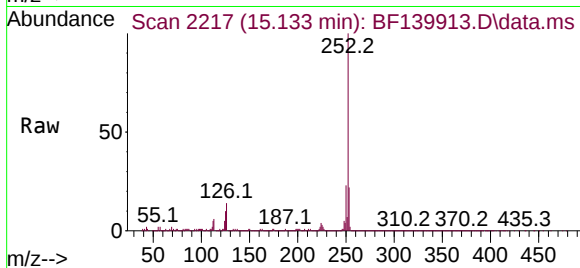
Tgt Ion:252 Resp: 596369

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.6 7.9 11.9



#90

Benzo(a)pyrene

Concen: 58.579 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

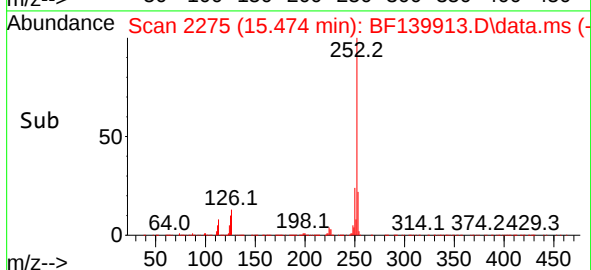
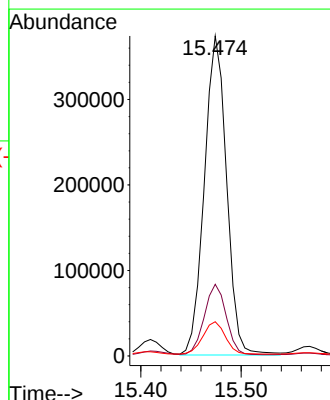
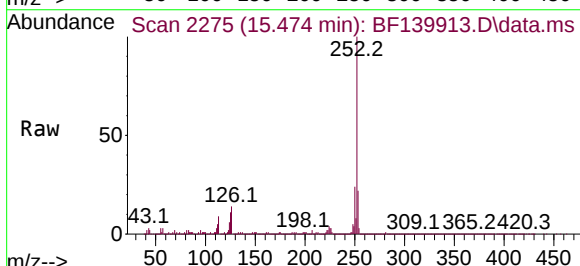
Tgt Ion:252 Resp: 576253

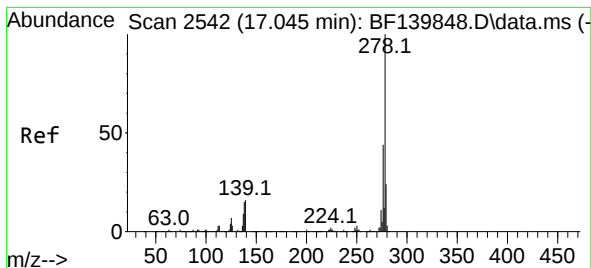
Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 10.7 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 43.172 ng

RT: 17.056 min Scan# 2544

Delta R.T. 0.012 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Instrument :

BNA_F

ClientSampleId :

IB-1MS

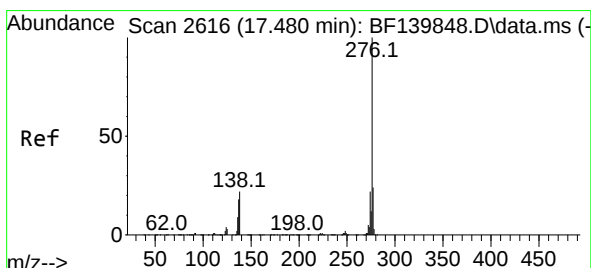
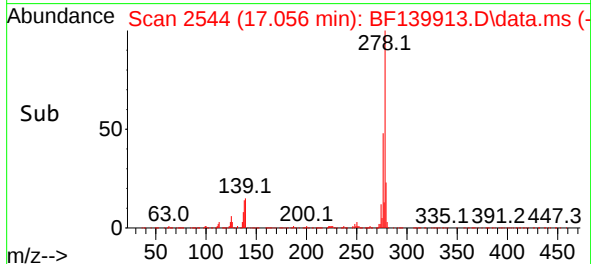
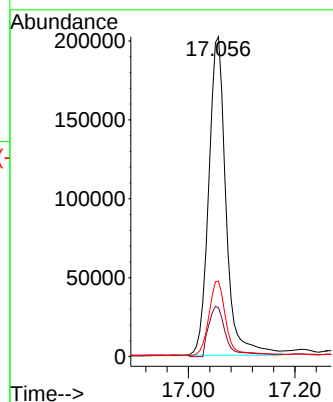
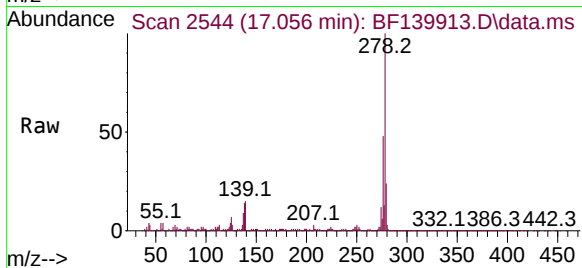
Tgt Ion:278 Resp: 454716

Ion Ratio Lower Upper

278 100

139 15.3 13.1 19.7

279 23.6 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 37.014 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139913.D

Acq: 21 Oct 2024 20:03

Tgt Ion:276 Resp: 389419

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 20.2 17.4 26.0

