

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139960.D
 Acq On : 23 Oct 2024 13:07
 Operator : RC/JU
 Sample : PB164154BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164154BS

Quant Time: Oct 23 13:37:26 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	6.893	152	155060	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	598190	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	337425	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	611801	20.000	ng	0.00
76) Chrysene-d12	14.057	240	325970	20.000	ng	0.00
86) Perylene-d12	15.533	264	358287	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1272846	128.507	ng	0.02
7) Phenol-d6	6.516	99	1628123	126.915	ng	0.00
23) Nitrobenzene-d5	7.451	82	1062598	98.452	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	502653	159.261	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1905194	93.316	ng	0.00
79) Terphenyl-d14	12.998	244	1968137	98.385	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	181218	39.241	ng	94
3) Pyridine	3.522	79	479042	41.849	ng	97
4) n-Nitrosodimethylamine	3.475	42	266874	43.393	ng	95
6) Aniline	6.551	93	484680	40.539	ng	98
8) 2-Chlorophenol	6.675	128	503876	49.762	ng	98
9) Benzaldehyde	6.440	77	124231	17.214	ng	98
10) Phenol	6.528	94	636946	48.160	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	479759	46.932	ng	99
12) 1,3-Dichlorobenzene	6.834	146	529493	45.553	ng	99
13) 1,4-Dichlorobenzene	6.910	146	543764	46.825	ng	99
14) 1,2-Dichlorobenzene	7.063	146	520985	48.070	ng	98
15) Benzyl Alcohol	7.028	79	462205	49.118	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	801294	45.971	ng	97
17) 2-Methylphenol	7.140	107	422006	48.876	ng	99
18) Hexachloroethane	7.404	117	195917	47.310	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	363348	46.700	ng	96
20) 3+4-Methylphenols	7.287	107	513204	46.470	ng	93
22) Acetophenone	7.298	105	678917	46.337	ng	99
24) Nitrobenzene	7.469	77	546867	46.214	ng	99
25) Isophorone	7.710	82	996658	48.653	ng	99
26) 2-Nitrophenol	7.787	139	261637	58.608	ng	95
27) 2,4-Dimethylphenol	7.822	122	425922	57.218	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	599138	48.273	ng	100
29) 2,4-Dichlorophenol	8.028	162	422786	49.864	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	437000	46.579	ng	99
31) Naphthalene	8.192	128	1447102	46.906	ng	100
32) Benzoic acid	7.934	122	331855	51.114	ng	96
33) 4-Chloroaniline	8.240	127	226613	21.542	ng	98
34) Hexachlorobutadiene	8.310	225	282324	47.894	ng	99
35) Caprolactam	8.610	113	89965	33.370	ng	89
36) 4-Chloro-3-methylphenol	8.716	107	464991	49.528	ng	99
37) 2-Methylnaphthalene	8.887	142	918290	48.601	ng	100
38) 1-Methylnaphthalene	8.987	142	862092	46.505	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	431129	47.360	ng	99
41) Hexachlorocyclopentadiene	9.039	237	567205	179.072	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	336220	52.168	ng	99

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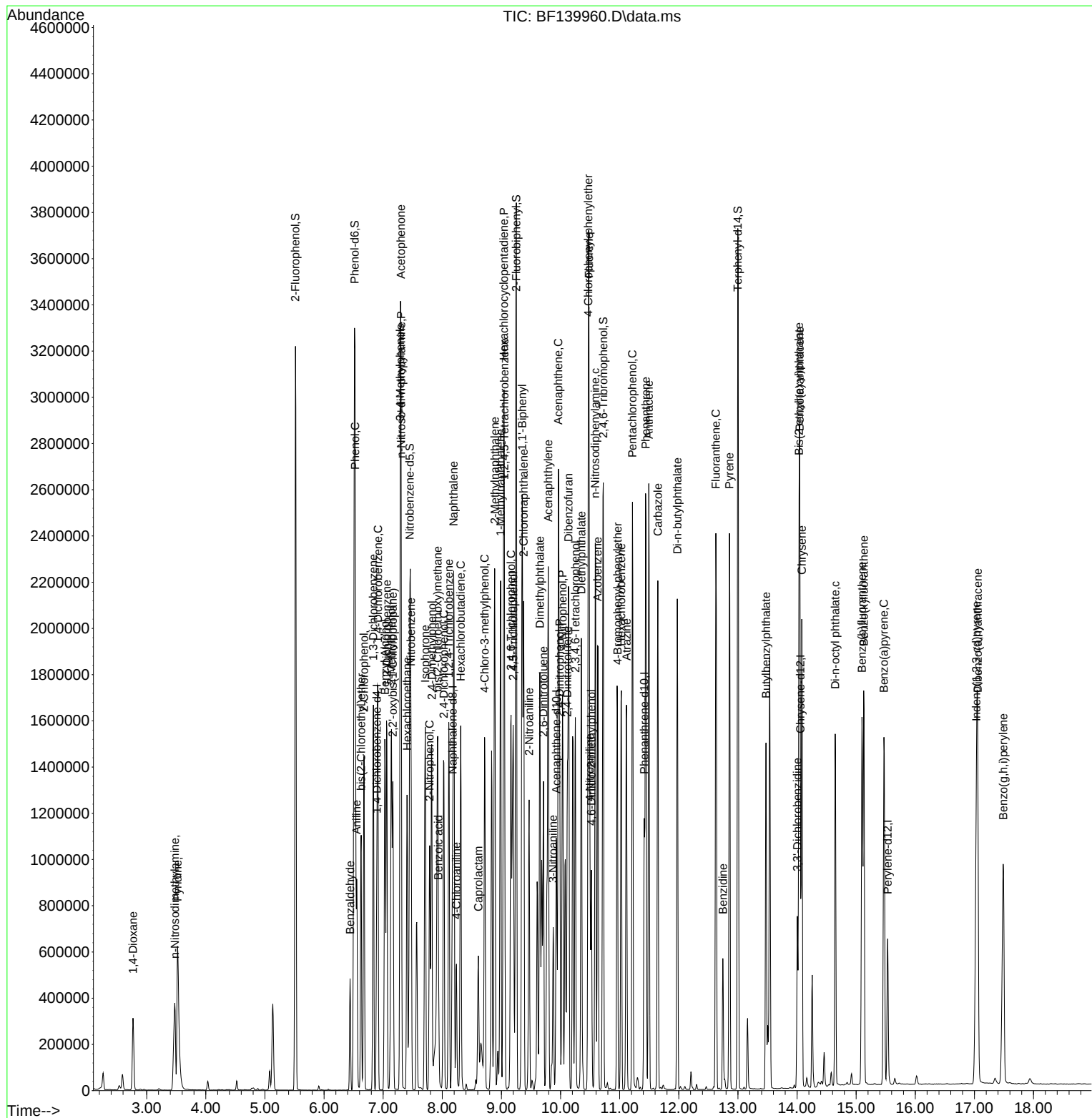
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	330382	49.686	ng	100
46) 1,1'-Biphenyl	9.351	154	1115152	47.474	ng	100
47) 2-Chloronaphthalene	9.375	162	879879	46.508	ng	100
48) 2-Nitroaniline	9.469	65	312352	53.982	ng	93
49) Acenaphthylene	9.792	152	1392576	50.915	ng	100
50) Dimethylphthalate	9.651	163	1061203	50.491	ng	100
51) 2,6-Dinitrotoluene	9.710	165	238284	52.362	ng	96
52) Acenaphthene	9.963	154	974519	55.078	ng	98
53) 3-Nitroaniline	9.875	138	146617	31.242	ng	95
54) 2,4-Dinitrophenol	9.986	184	261212	133.409	ng	# 1
55) Dibenzofuran	10.134	168	1224268	48.227	ng	99
56) 4-Nitrophenol	10.034	139	393084	108.873	ng	99
57) 2,4-Dinitrotoluene	10.116	165	323562	57.819	ng	96
58) Fluorene	10.481	166	929505	48.073	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	280379	53.788	ng	96
60) Diethylphthalate	10.351	149	1030661	49.945	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	472382	48.378	ng	98
62) 4-Nitroaniline	10.498	138	233090	52.589	ng	96
63) Azobenzene	10.628	77	1048244	47.914	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	175060	70.150	ng	92
66) n-Nitrosodiphenylamine	10.586	169	878190	47.960	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	314317	49.870	ng	94
68) Hexachlorobenzene	11.028	284	351330	49.564	ng	96
69) Atrazine	11.116	200	288364	58.136	ng	99
70) Pentachlorophenol	11.216	266	429890	99.928	ng	99
71) Phenanthrene	11.439	178	1394242	48.246	ng	100
72) Anthracene	11.492	178	1419494	50.343	ng	100
73) Carbazole	11.645	167	1215745	46.362	ng	99
74) Di-n-butylphthalate	11.975	149	1483161	48.955	ng	100
75) Fluoranthene	12.627	202	1377658	47.157	ng	100
77) Benzidine	12.745	184	297260	55.458	ng	99
78) Pyrene	12.857	202	1384172	48.511	ng	100
80) Butylbenzylphthalate	13.475	149	461755	53.979	ng	100
81) Benzo(a)anthracene	14.045	228	1066844	50.276	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	218434	35.306	ng	100
83) Chrysene	14.080	228	989412	50.854	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	554575	57.783	ng	# 98
85) Di-n-octyl phthalate	14.645	149	995907	57.050	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1227173	53.241	ng	98
88) Benzo(b)fluoranthene	15.098	252	1086886	49.799	ng	100
89) Benzo(k)fluoranthene	15.127	252	916238	48.678	ng	100
90) Benzo(a)pyrene	15.468	252	960094	53.462	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	1006006	52.319	ng	98
92) Benzo(g,h,i)perylene	17.486	276	931789	48.514	ng	99

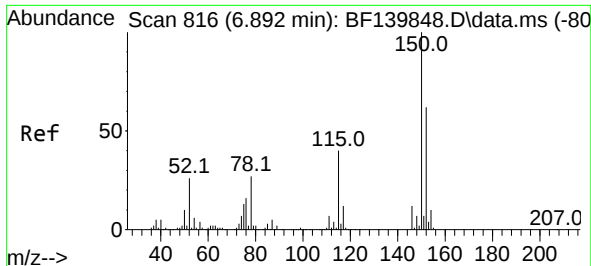
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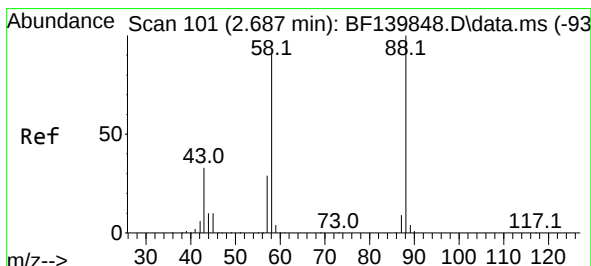
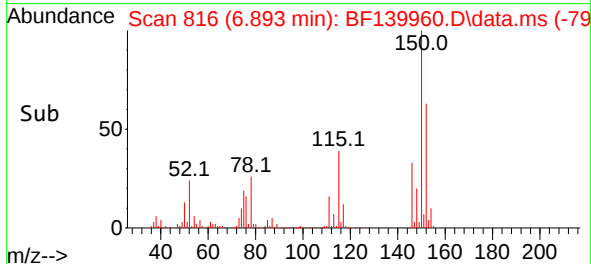
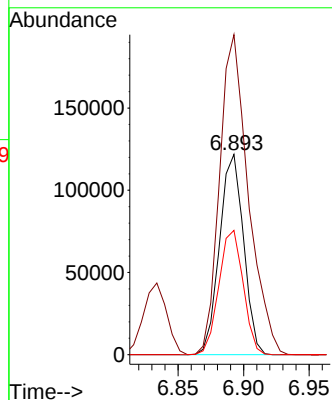
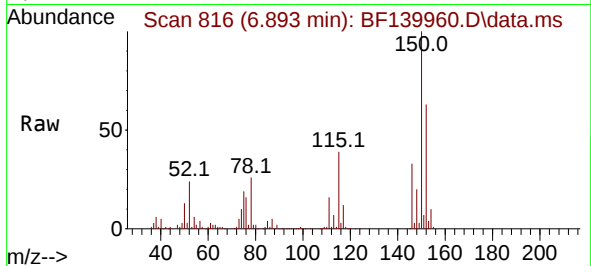




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

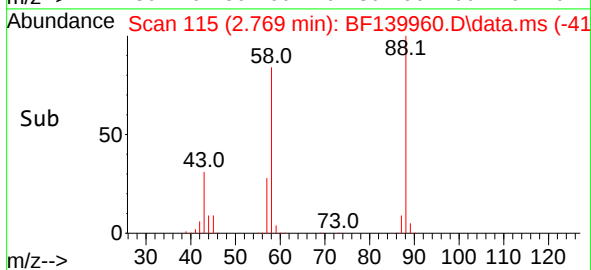
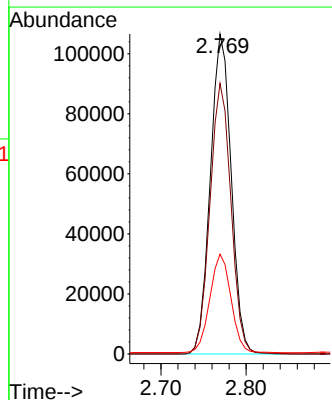
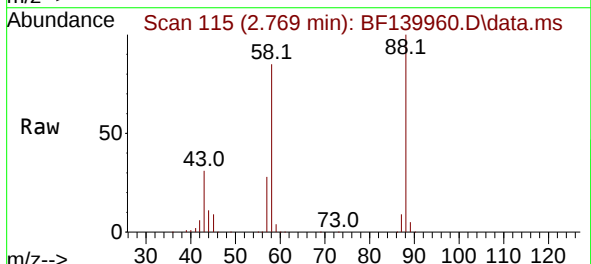
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BNA_F
ClientSampleId :
PB164154BS

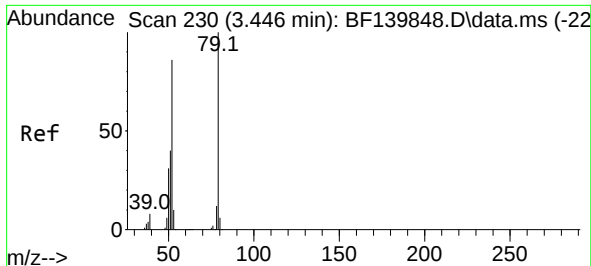
Tgt Ion:152 Resp: 155060
Ion Ratio Lower Upper
152 100
150 159.8 130.2 195.2
115 62.1 51.4 77.2



#2
1,4-Dioxane
Concen: 39.241 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 88 Resp: 181218
Ion Ratio Lower Upper
88 100
58 85.5 73.3 109.9
43 31.2 27.1 40.7





#3

Pyridine

Concen: 41.849 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.077 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

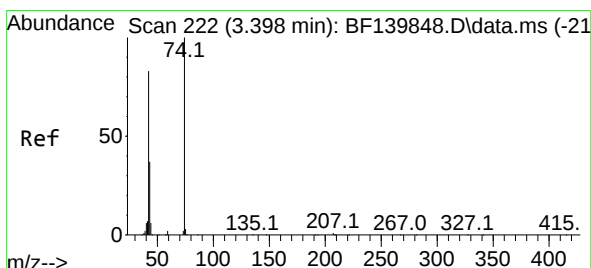
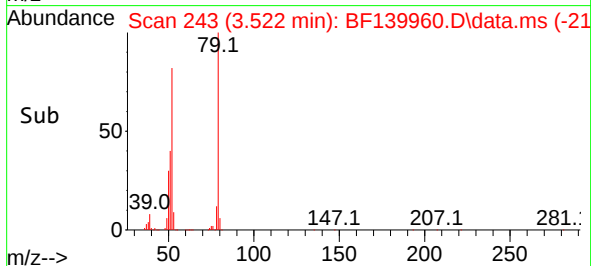
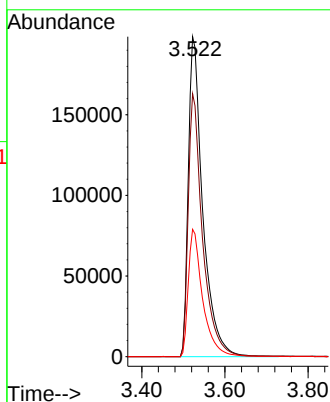
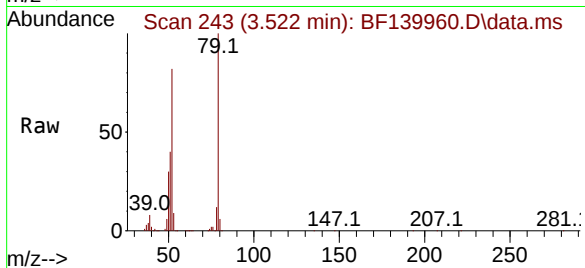
Tgt Ion: 79 Resp: 479042

Ion Ratio Lower Upper

79 100

52 82.1 68.5 102.7

51 39.8 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 43.393 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.077 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

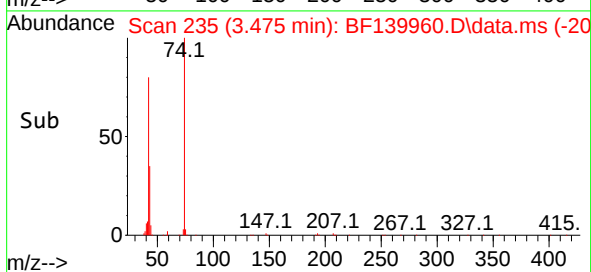
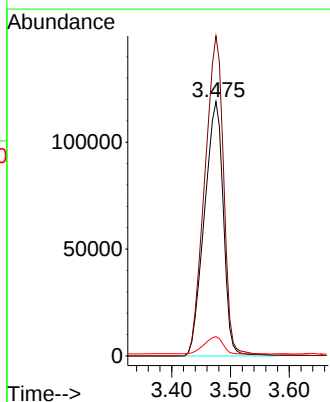
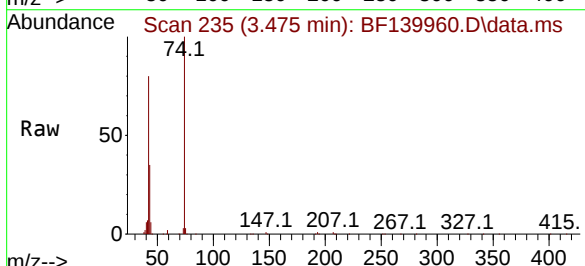
Tgt Ion: 42 Resp: 266874

Ion Ratio Lower Upper

42 100

74 125.8 96.2 144.4

44 7.6 6.2 9.2

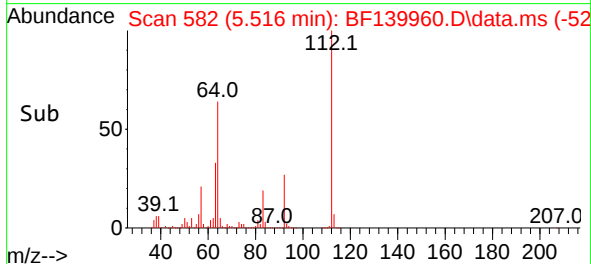
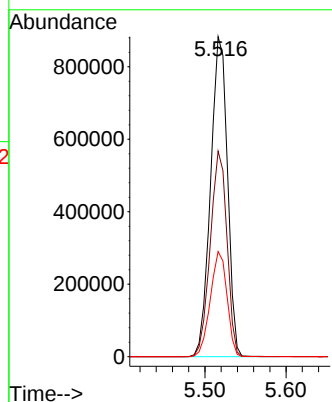
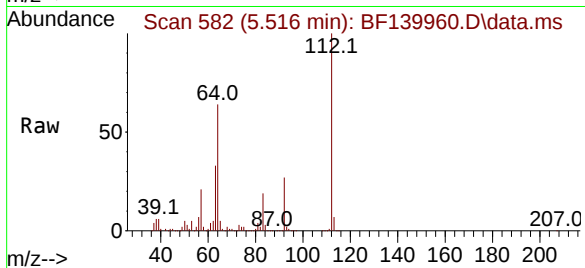




#5
2-Fluorophenol
Concen: 128.507 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

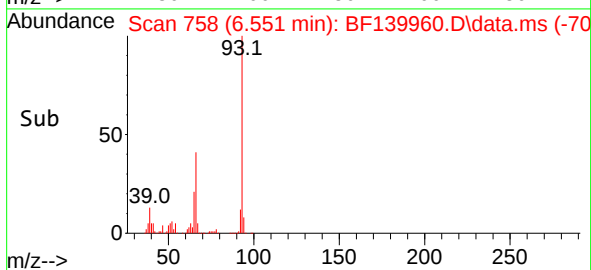
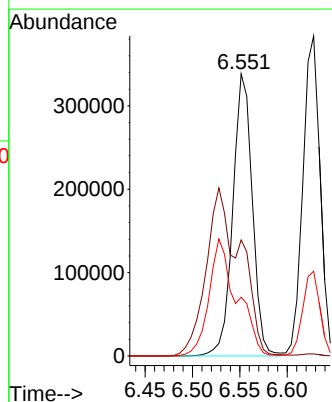
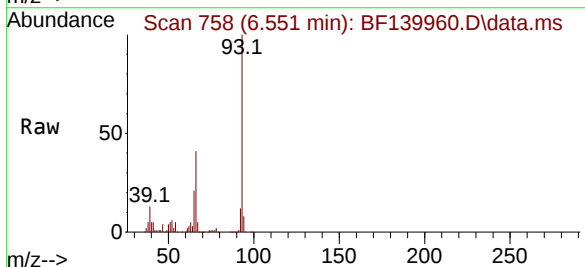
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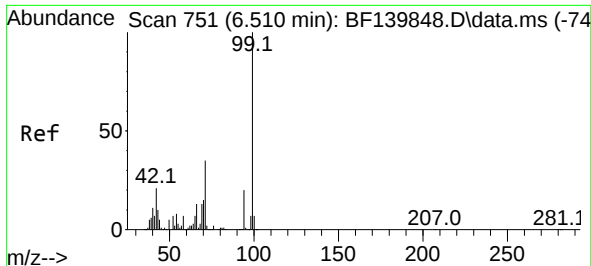
Tgt Ion:112 Resp: 1272846
Ion Ratio Lower Upper
112 100
64 64.2 53.0 79.6
63 32.9 27.0 40.4



#6
Aniline
Concen: 40.539 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 93 Resp: 484680
Ion Ratio Lower Upper
93 100
66 41.1 34.0 51.0
65 20.8 17.4 26.0

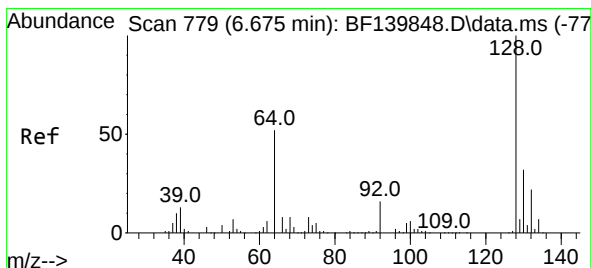
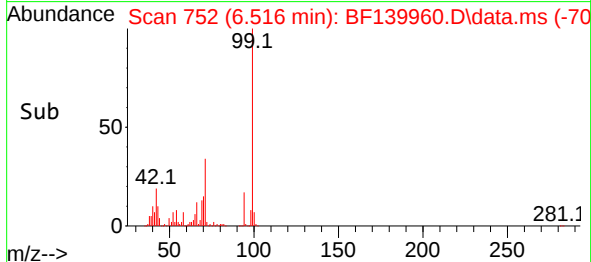
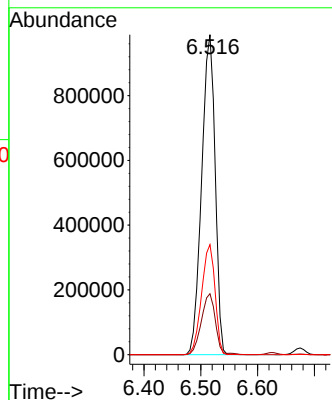
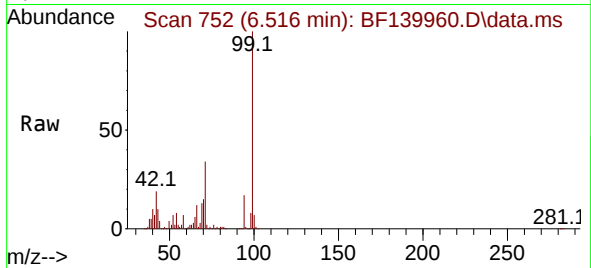




#7
Phenol-d6
Concen: 126.915 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

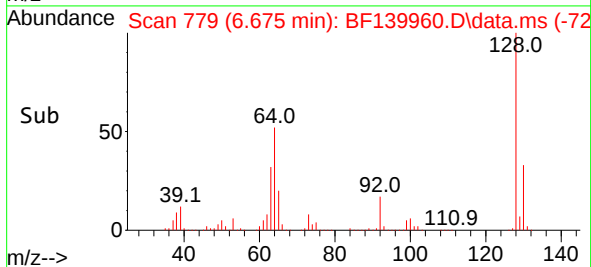
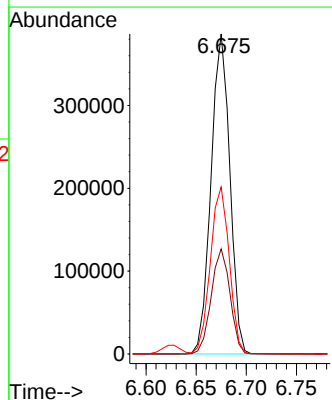
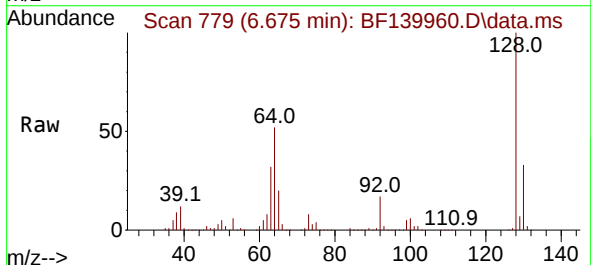
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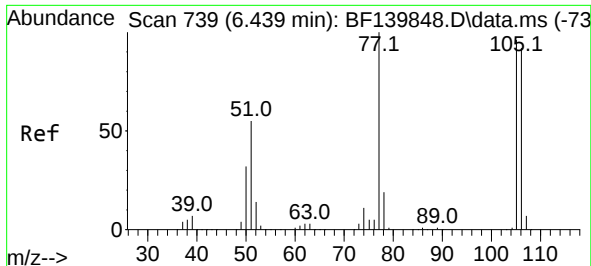
Tgt Ion: 99 Resp: 1628123
Ion Ratio Lower Upper
99 100
42 19.0 16.7 25.1
71 34.4 27.7 41.5



#8
2-Chlorophenol
Concen: 49.762 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:128 Resp: 503876
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 52.2 34.6 74.6





#9

Benzaldehyde

Concen: 17.214 ng

RT: 6.440 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

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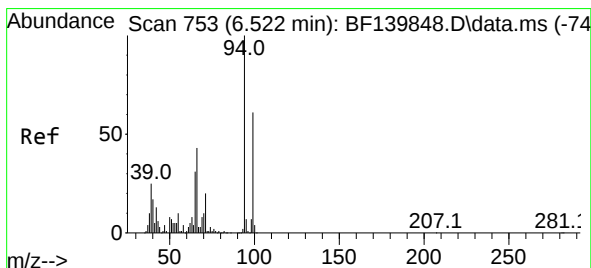
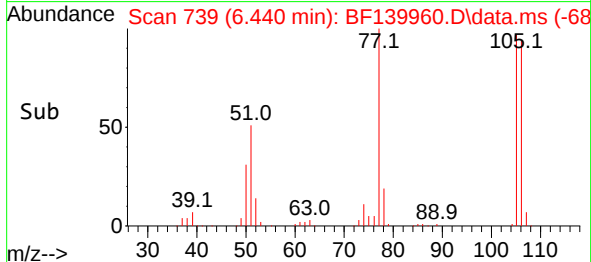
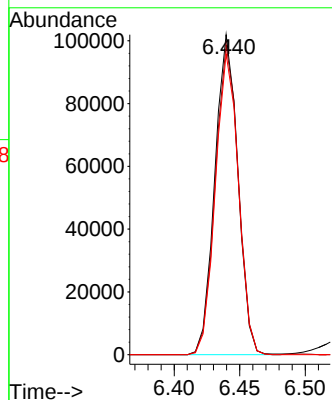
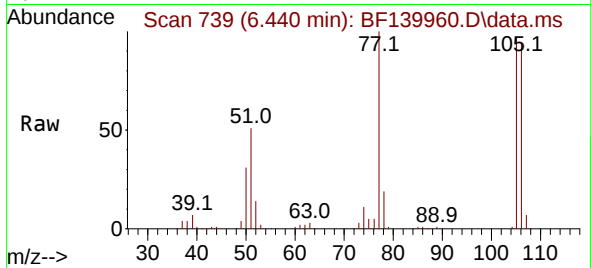
Tgt Ion: 77 Resp: 124231

Ion Ratio Lower Upper

77 100

105 96.8 75.5 115.5

106 94.0 71.7 111.7



#10

Phenol

Concen: 48.160 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139960.D

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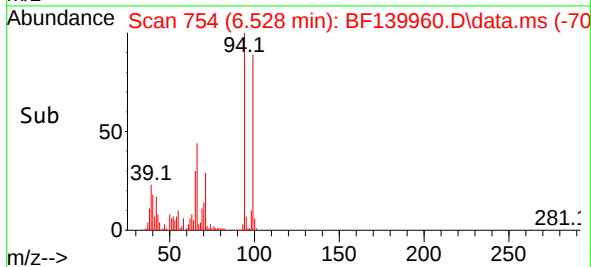
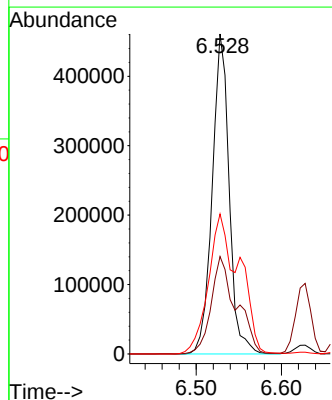
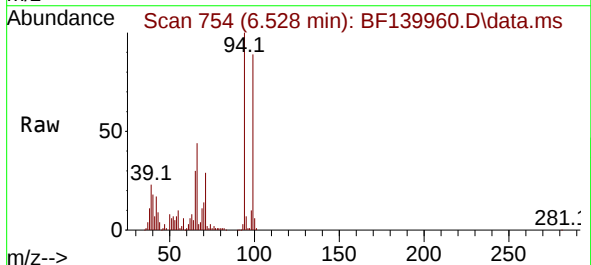
Tgt Ion: 94 Resp: 636946

Ion Ratio Lower Upper

94 100

65 30.4 11.1 51.1

66 43.7 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 46.932 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139960.D

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PB164154BS

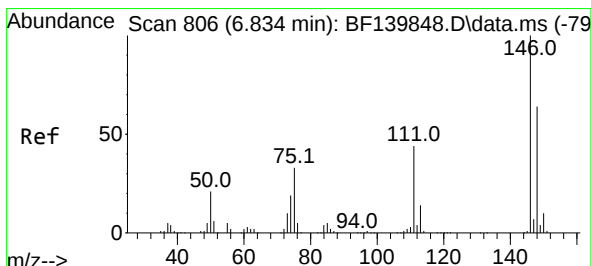
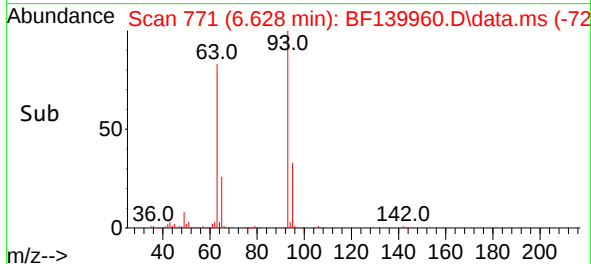
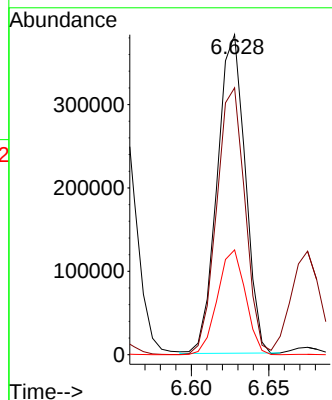
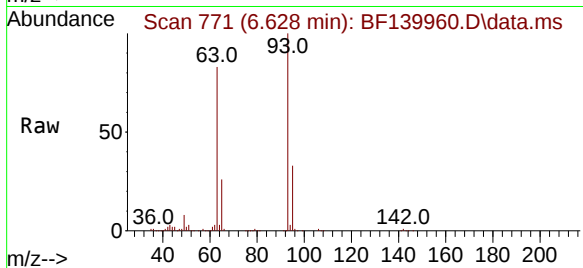
Tgt Ion: 93 Resp: 479759

Ion Ratio Lower Upper

93 100

63 83.4 65.0 105.0

95 32.7 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 45.553 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

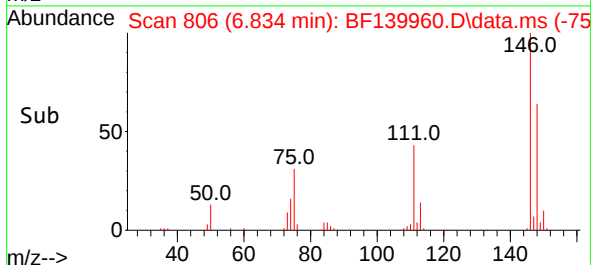
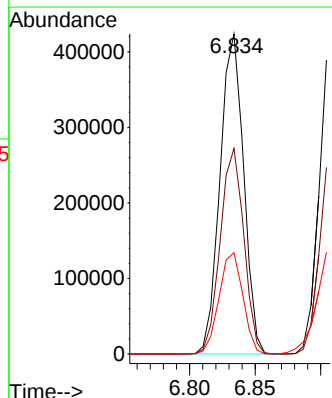
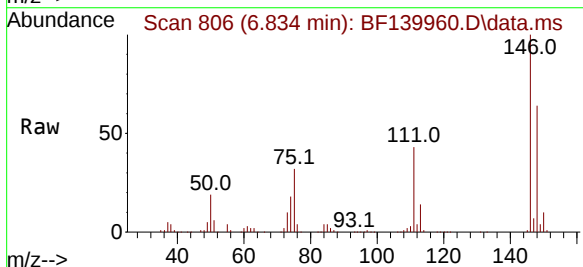
Tgt Ion: 146 Resp: 529493

Ion Ratio Lower Upper

146 100

148 64.2 51.0 76.4

75 31.6 26.4 39.6

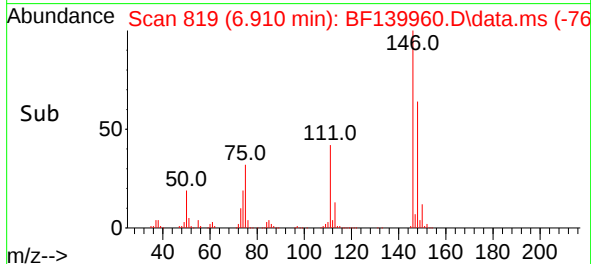
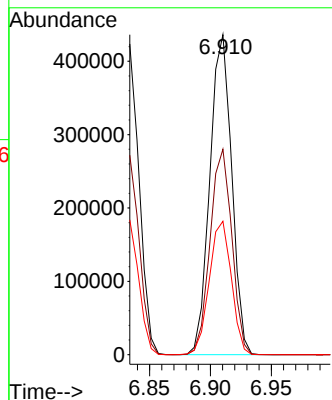
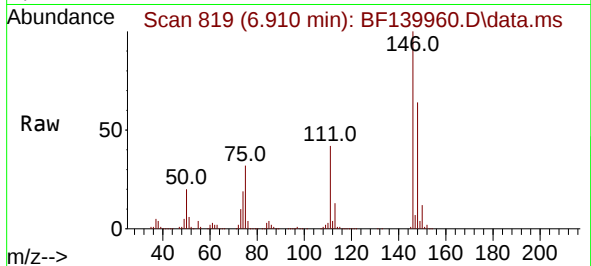




#13
1,4-Dichlorobenzene
Concen: 46.825 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

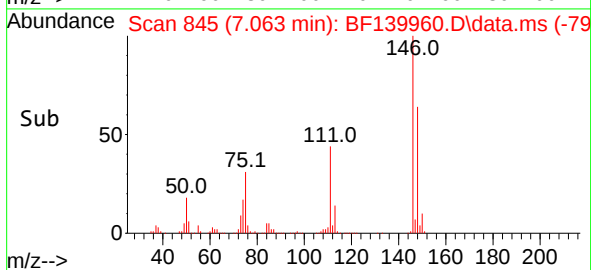
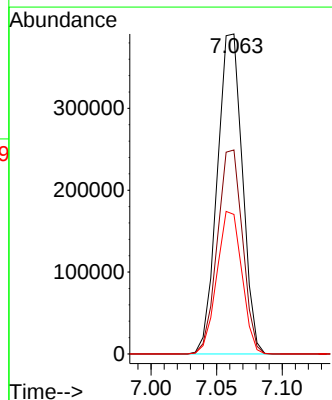
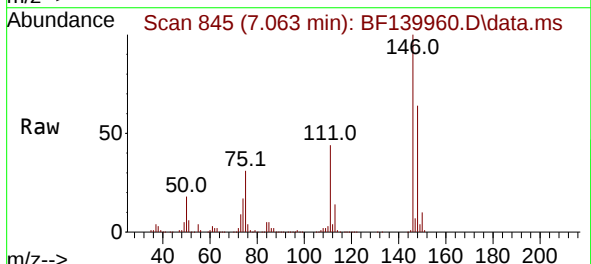
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion:146 Resp: 543764
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 41.7 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 48.070 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:146 Resp: 520985
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
111 43.6 36.7 55.1

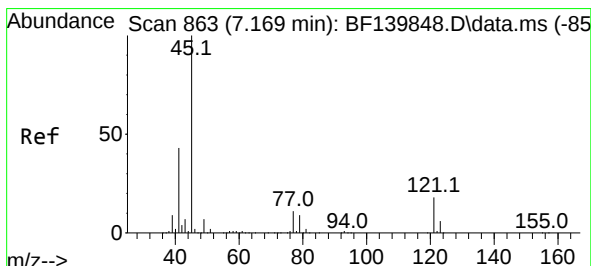
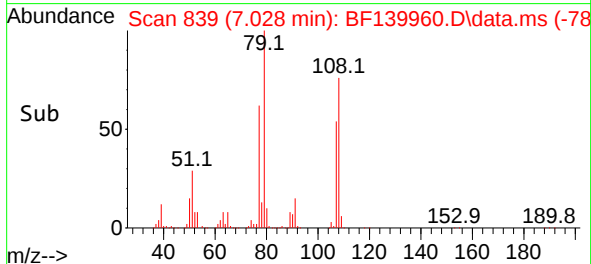
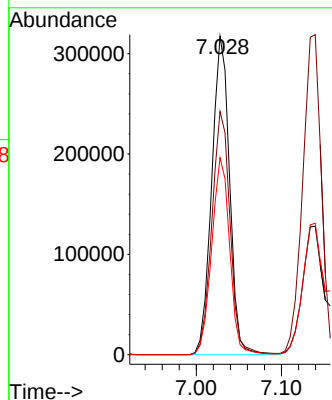
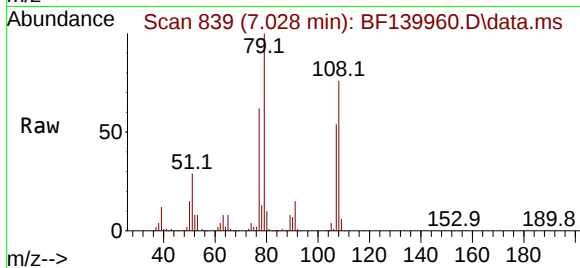




#15
Benzyl Alcohol
Concen: 49.118 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

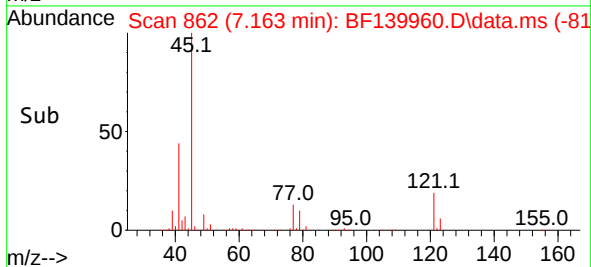
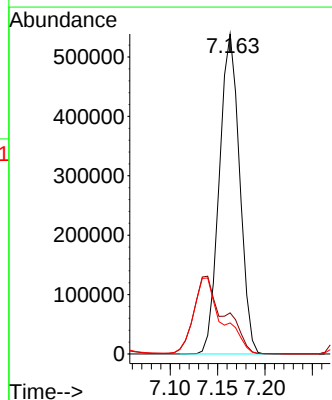
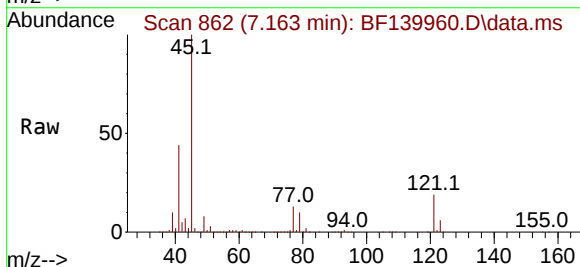
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion: 79 Resp: 462205
Ion Ratio Lower Upper
79 100
108 76.4 61.4 92.0
77 61.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.971 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 45 Resp: 801294
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.7 0.0 29.1

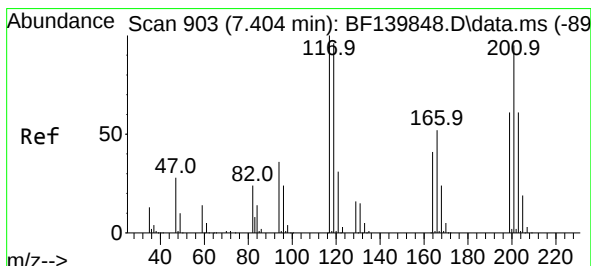
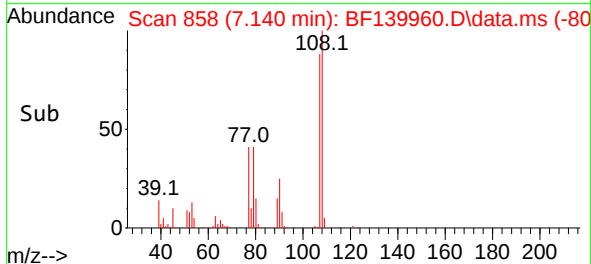
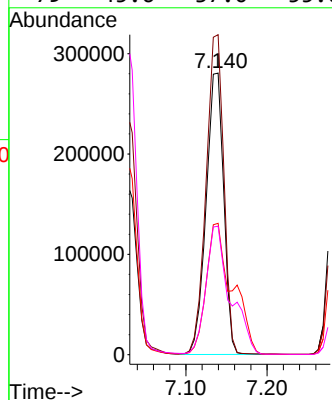
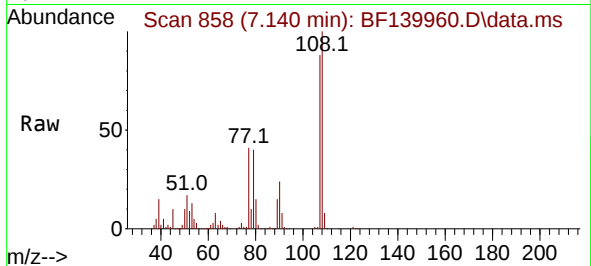




#17
2-Methylphenol
Concen: 48.876 ng
RT: 7.140 min Scan# 858
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

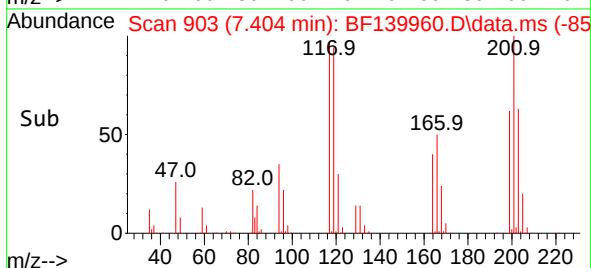
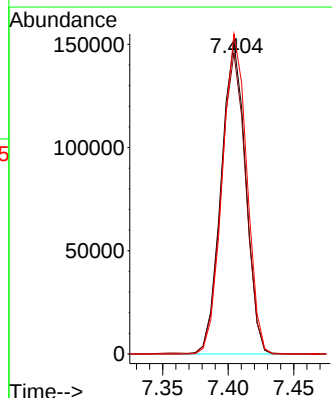
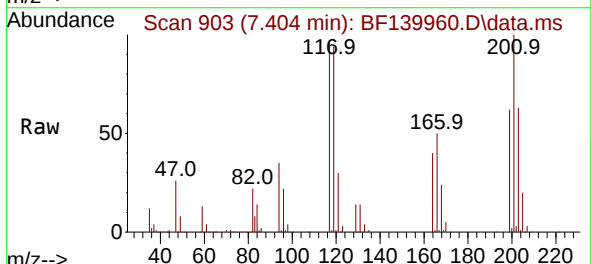
Instrument :
BNA_F
ClientSampleId :
PB164154BS

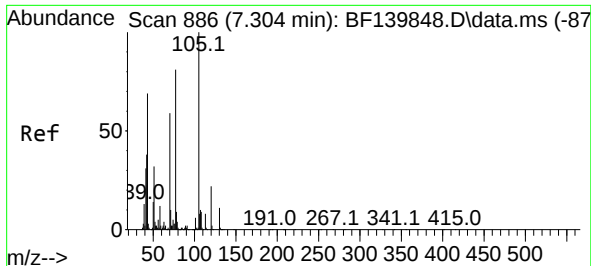
Tgt Ion:	107	Resp:	422006
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.3	136.9
77	46.7	37.1	55.7
79	45.6	37.0	55.6



#18
Hexachloroethane
Concen: 47.310 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:	117	Resp:	195917
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.0	115.4
201	102.7	76.2	114.4

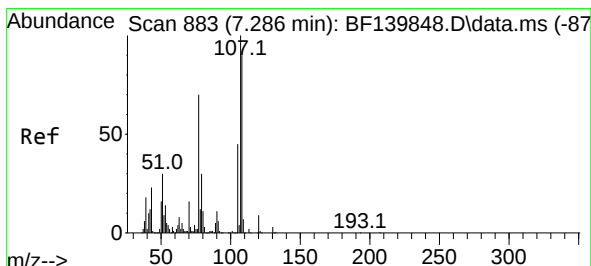
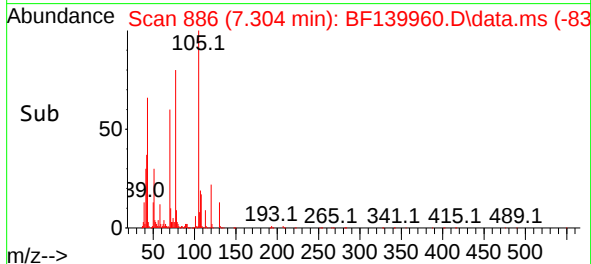
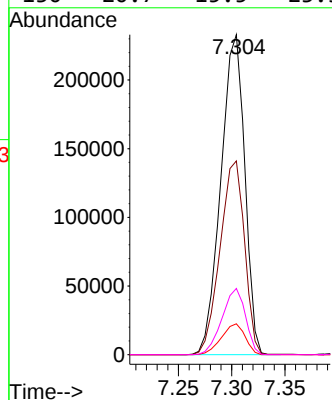
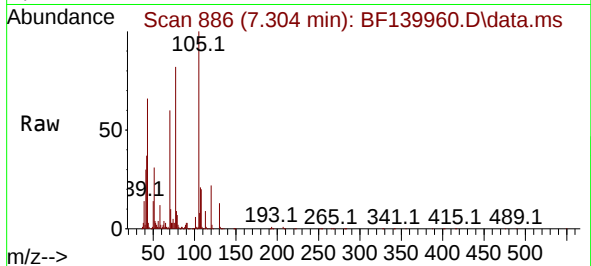




#19
n-Nitroso-di-n-propylamine
Concen: 46.700 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

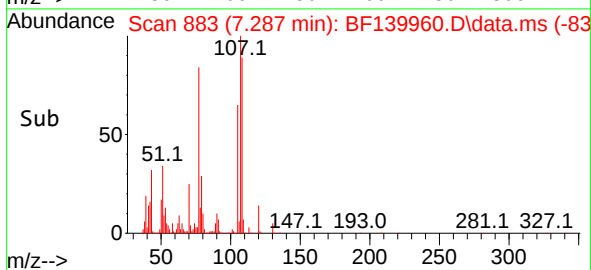
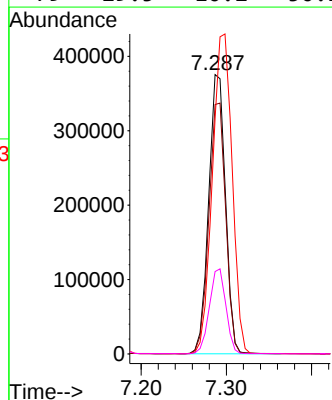
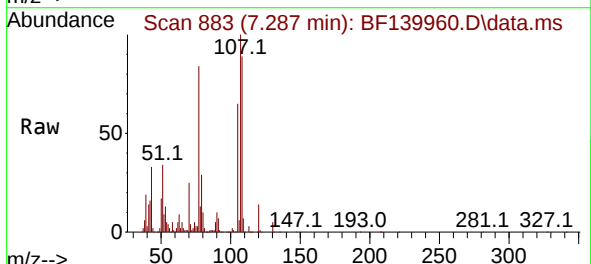
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion: 70 Resp: 363348
Ion Ratio Lower Upper
70 100
42 60.5 51.5 77.3
101 9.6 7.5 11.3
130 20.7 15.5 23.3



#20
3+4-Methylphenols
Concen: 46.470 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 107 Resp: 513204
Ion Ratio Lower Upper
107 100
108 89.3 69.8 109.8
77 84.3 50.5 90.5
79 29.5 10.2 50.2

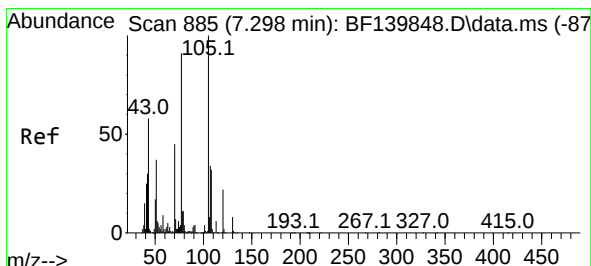
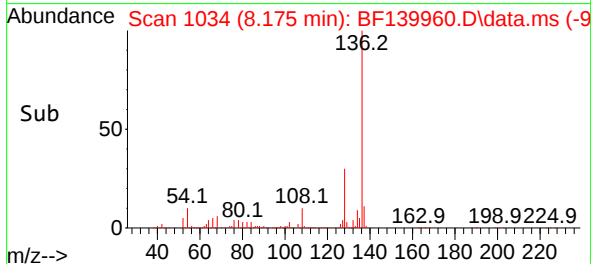
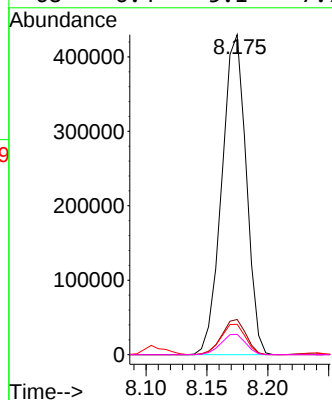
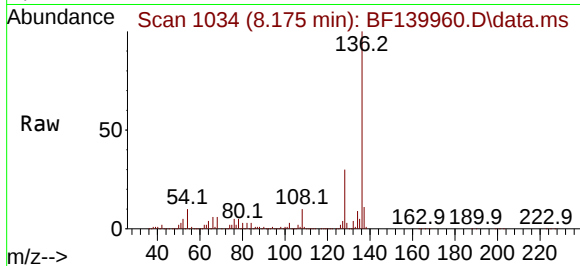




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

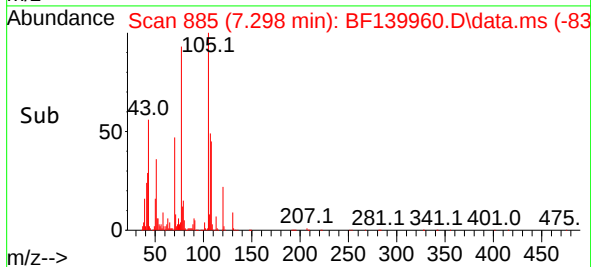
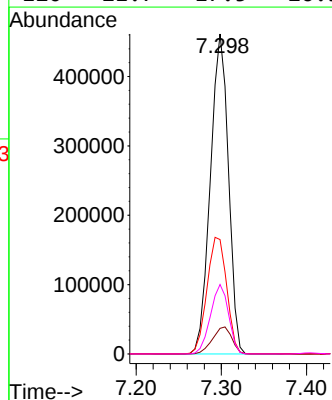
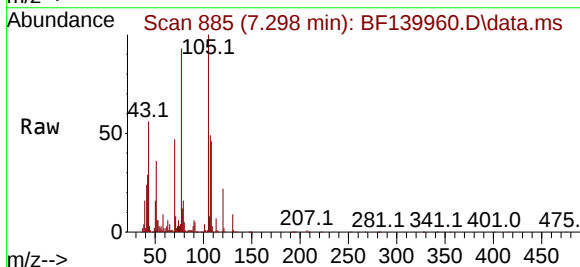
Instrument :
BNA_F
ClientSampleId :
PB164154BS

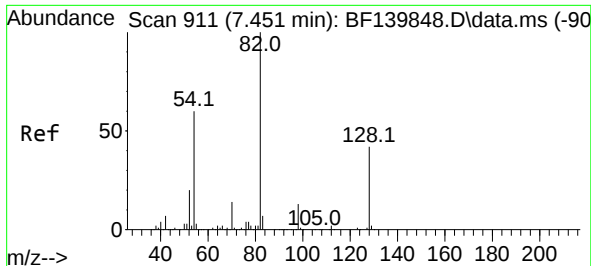
Tgt Ion	136	Resp:	598190
	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.5	8.4	12.6
68	6.4	5.1	7.7



#22
Acetophenone
Concen: 46.337 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt	Ion:105	Resp:	678917
Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	35.8	29.4	44.2
120	21.7	17.5	26.3





#23

Nitrobenzene-d5

Concen: 98.452 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

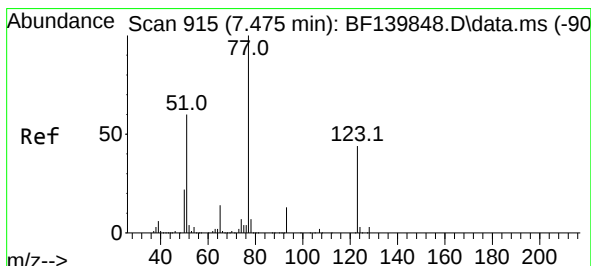
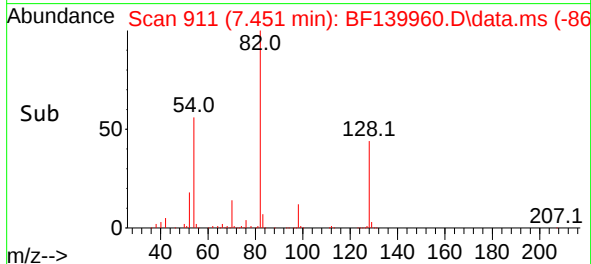
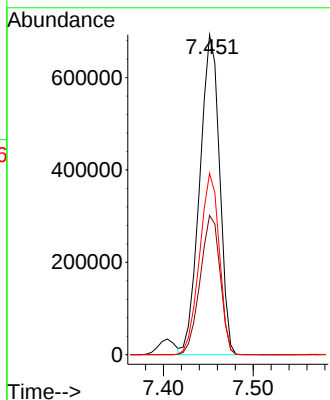
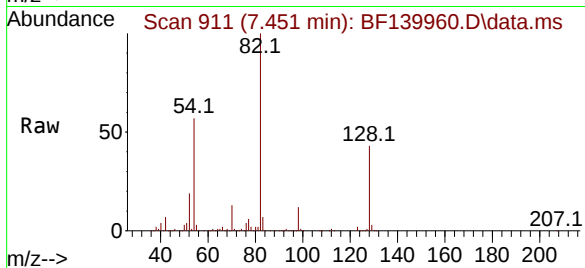
BNA_F

ClientSampleId :

PB164154BS

Tgt Ion: 82 Resp: 1062598

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.4	50.0
54	56.6	47.8	71.8



#24

Nitrobenzene

Concen: 46.214 ng

RT: 7.469 min Scan# 914

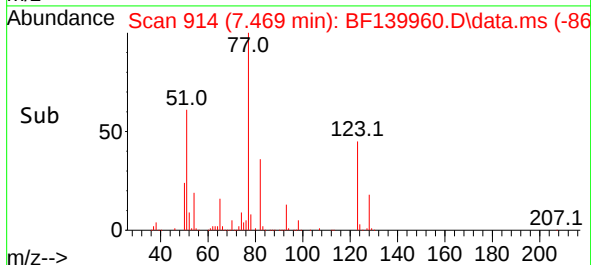
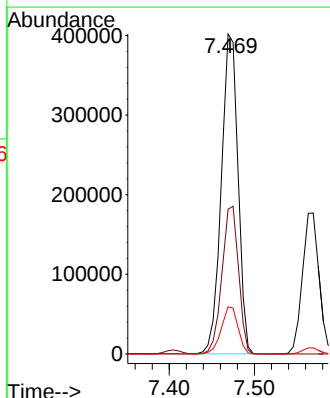
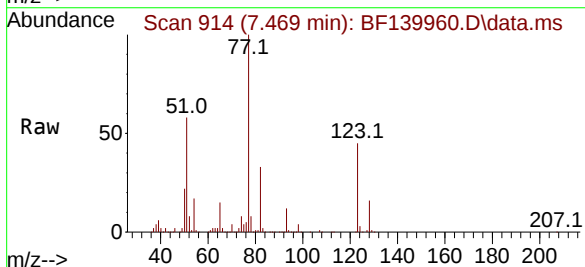
Delta R.T. -0.006 min

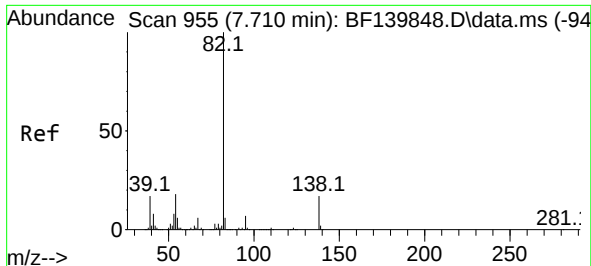
Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion: 77 Resp: 546867

Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.7	53.5
65	14.8	11.5	17.3

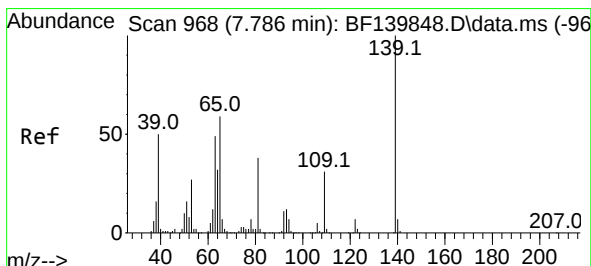
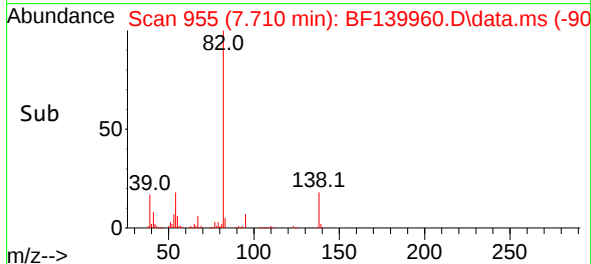
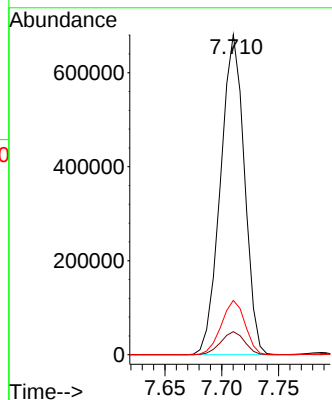
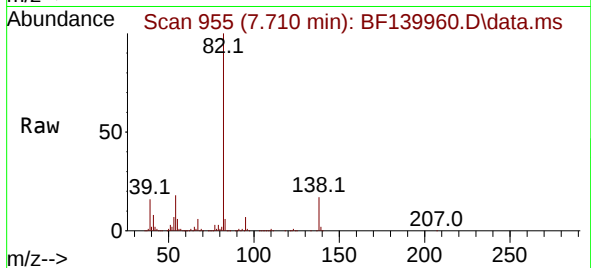




#25
Isophorone
Concen: 48.653 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

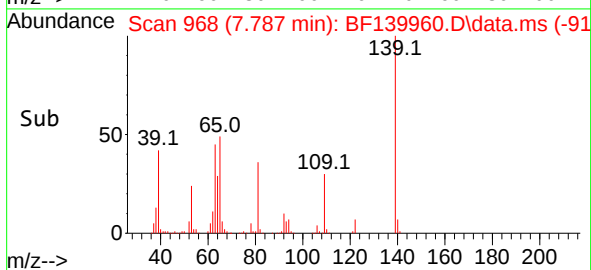
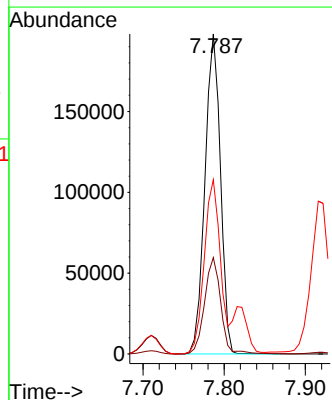
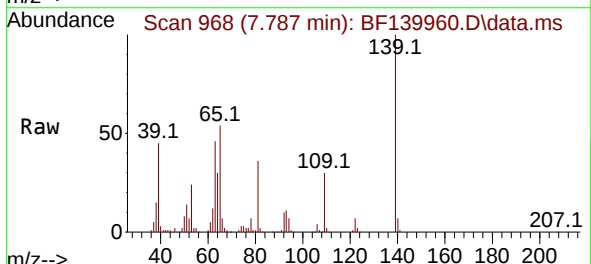
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion: 82 Resp: 996658
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.0 13.2 19.8



#26
2-Nitrophenol
Concen: 58.608 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

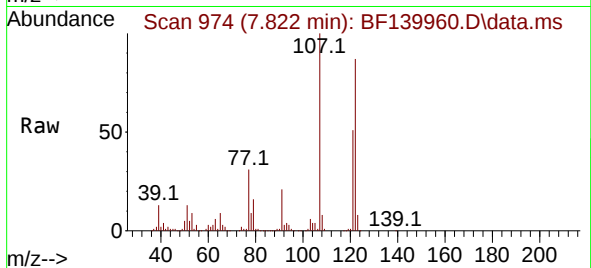
Tgt Ion:139 Resp: 261637
Ion Ratio Lower Upper
139 100
109 30.1 25.1 37.7
65 54.5 47.5 71.3



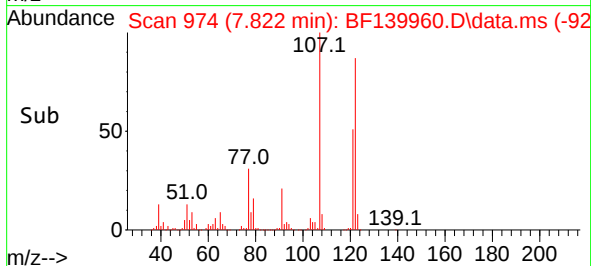
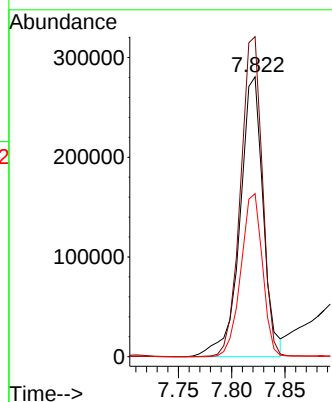


#27
2,4-Dimethylphenol
Concen: 57.218 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
PB164154BS

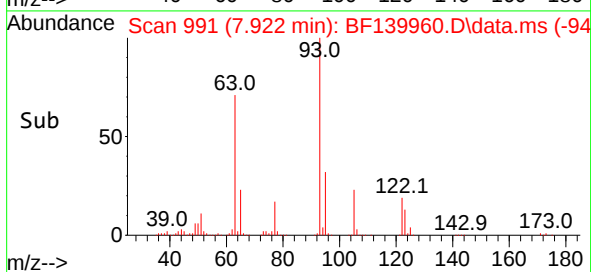
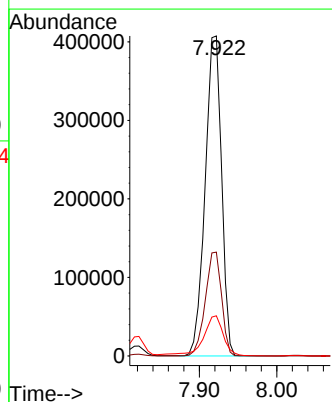
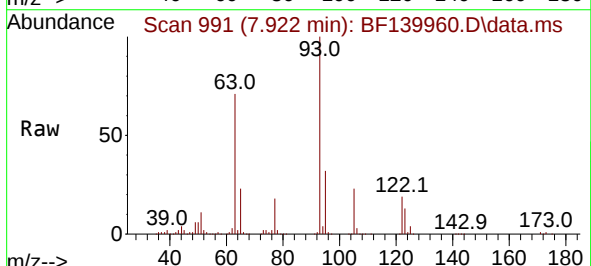


Tgt Ion:122 Resp: 425922
Ion Ratio Lower Upper
122 100
107 114.3 91.9 137.9
121 58.3 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.273 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion: 93 Resp: 599138
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 12.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 49.864 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

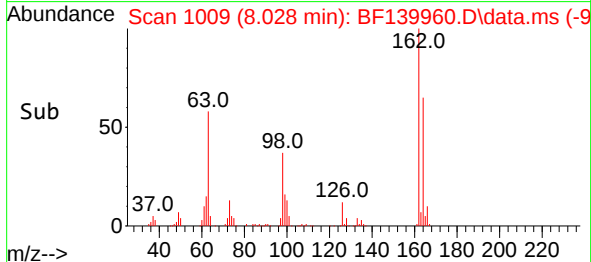
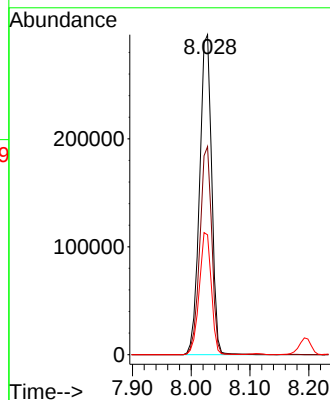
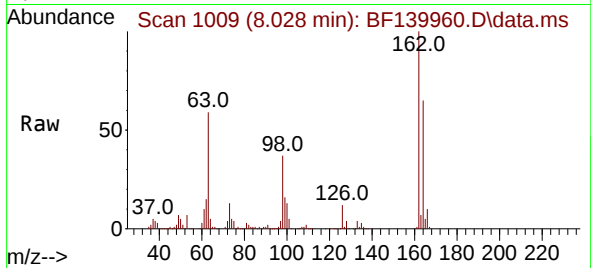
Tgt Ion:162 Resp: 422786

Ion Ratio Lower Upper

162 100

164 65.0 43.9 83.9

98 37.4 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 46.579 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

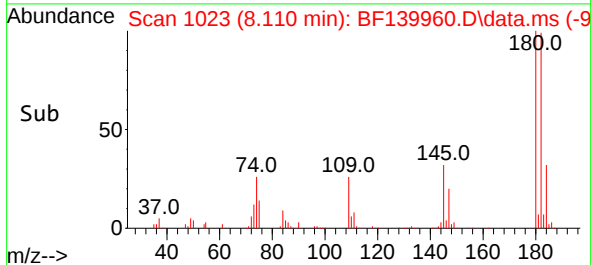
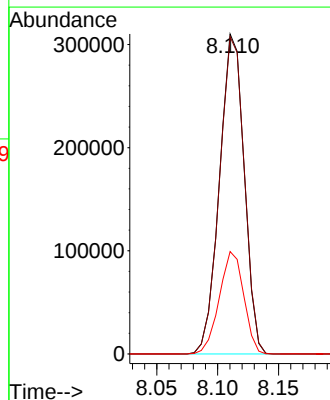
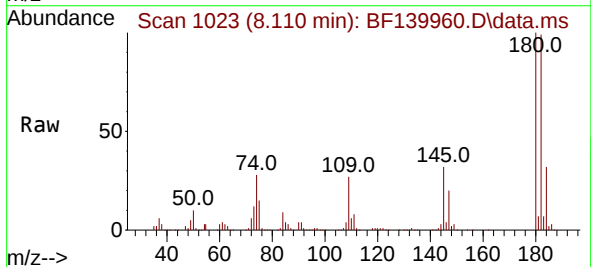
Tgt Ion:180 Resp: 437000

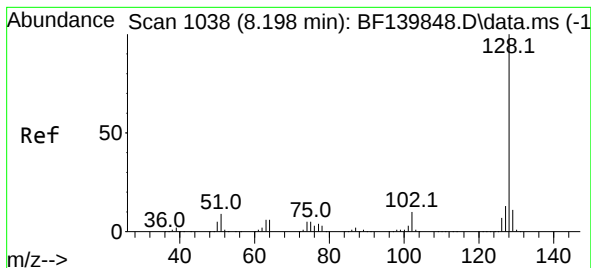
Ion Ratio Lower Upper

180 100

182 99.2 80.5 120.7

145 32.0 25.4 38.0





#31

Naphthalene

Concen: 46.906 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

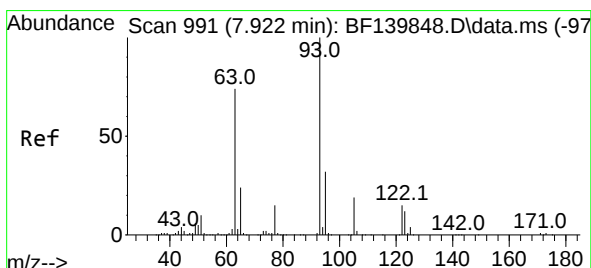
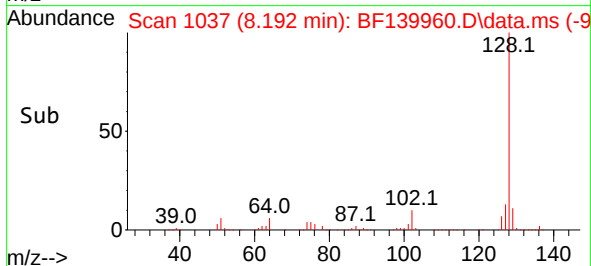
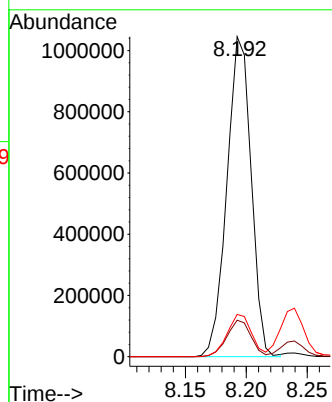
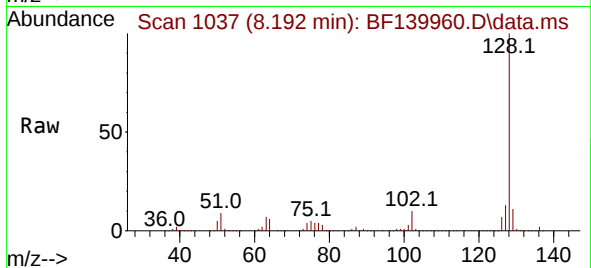
Tgt Ion:128 Resp: 1447102

Ion Ratio Lower Upper

128 100

129 11.4 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 51.114 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

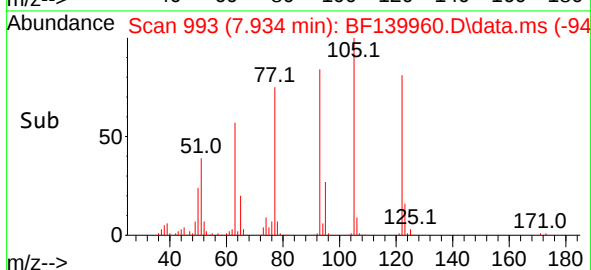
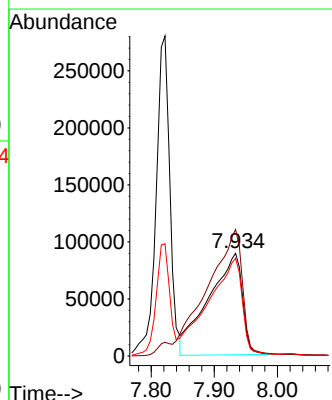
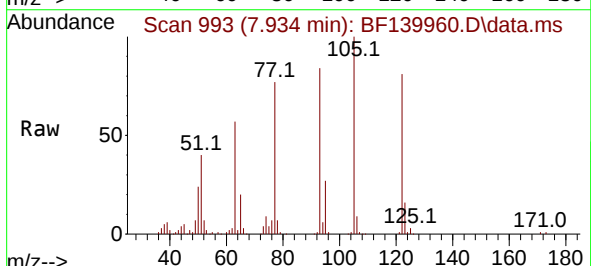
Tgt Ion:122 Resp: 331855

Ion Ratio Lower Upper

122 100

105 123.3 107.6 147.6

77 95.2 80.2 120.2

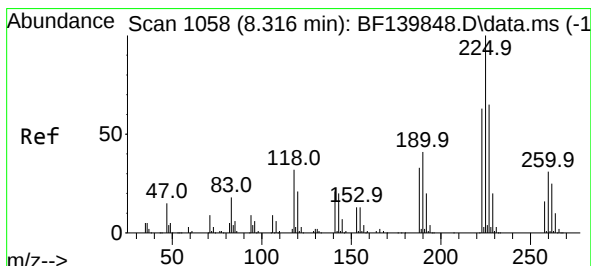
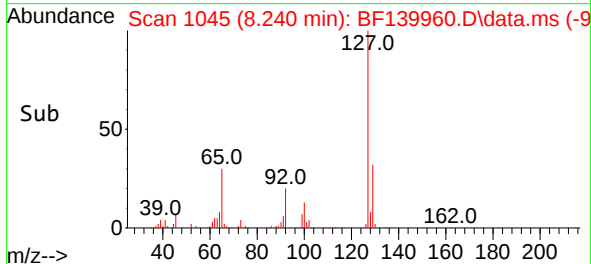
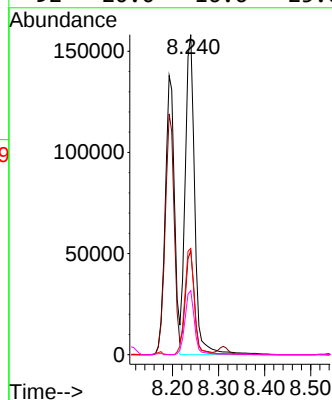
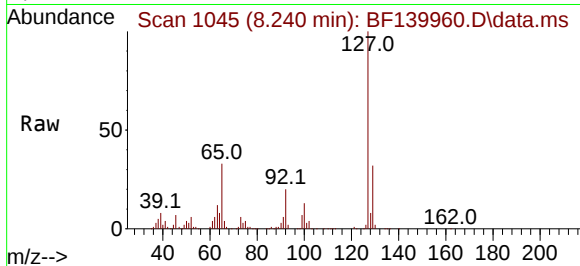




#33
4-Chloroaniline
Concen: 21.542 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

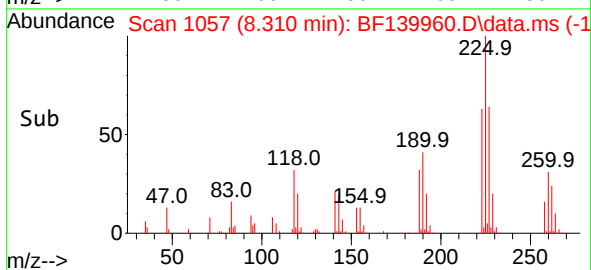
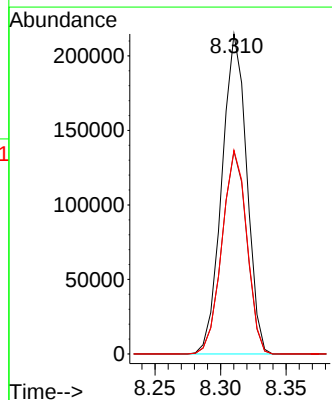
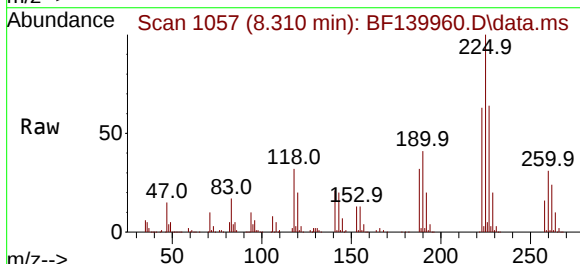
Instrument :
BNA_F
ClientSampleId :
PB164154BS

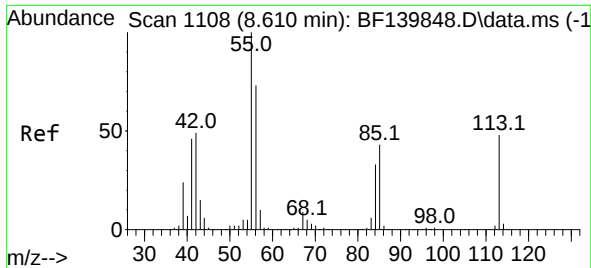
Tgt Ion:	127	Resp:	226613
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	33.2	28.4	42.6
92	20.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.894 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:	225	Resp:	282324
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.7	51.8	77.8

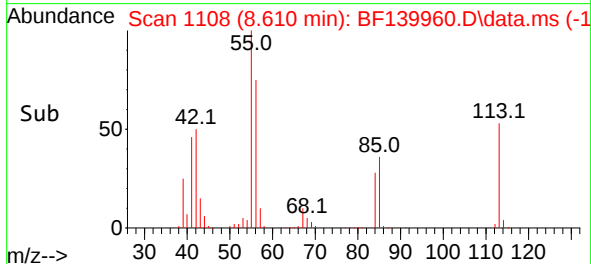
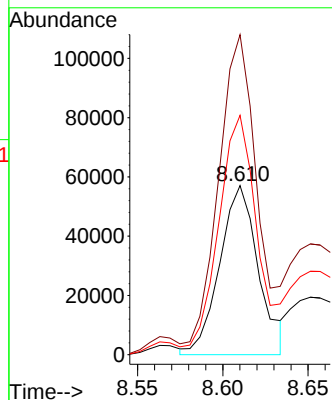
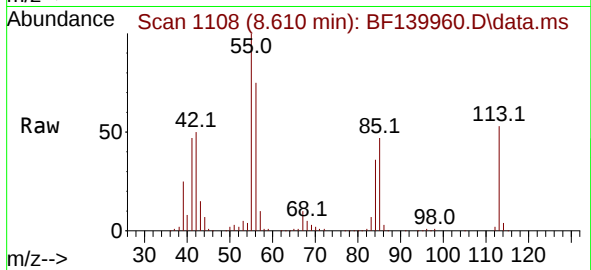




#35
 Caprolactam
 Concen: 33.370 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139960.D
 Acq: 23 Oct 2024 13:07

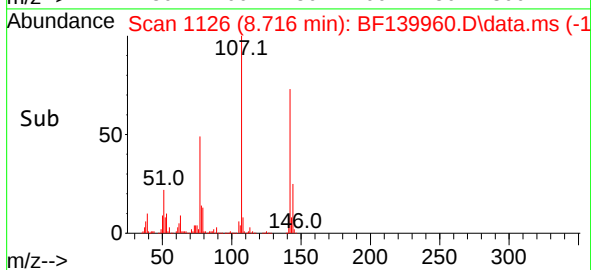
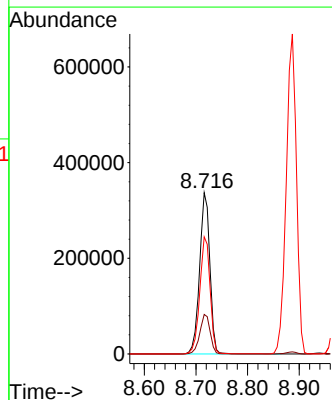
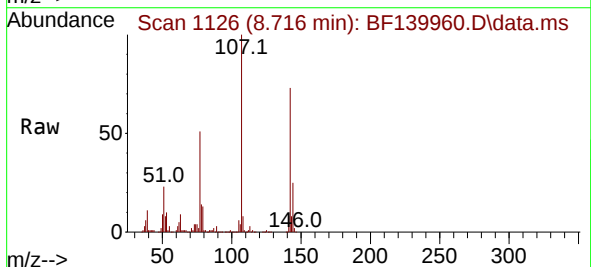
Instrument :
 BNA_F
 ClientSampleId :
 PB164154BS

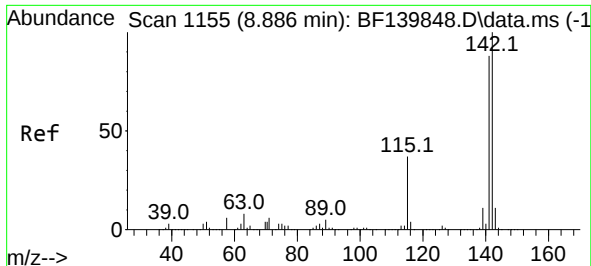
Tgt Ion:113 Resp: 89965
 Ion Ratio Lower Upper
 113 100
 55 189.3 189.2 229.2
 56 141.6 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 49.528 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139960.D
 Acq: 23 Oct 2024 13:07

Tgt Ion:107 Resp: 464991
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 72.7 57.2 85.8

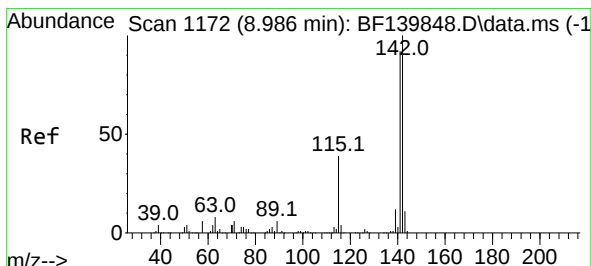
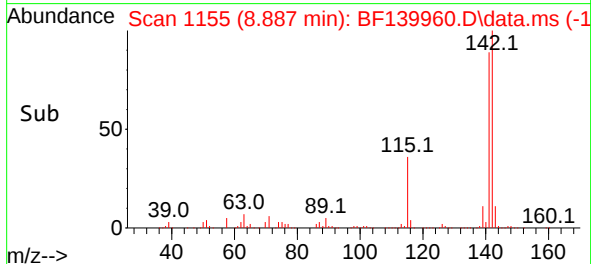
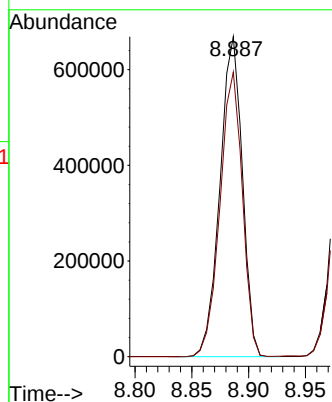
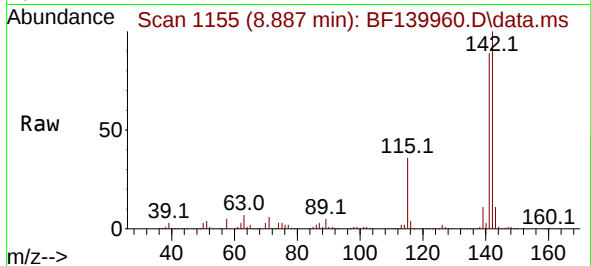




#37
2-Methylnaphthalene
Concen: 48.601 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

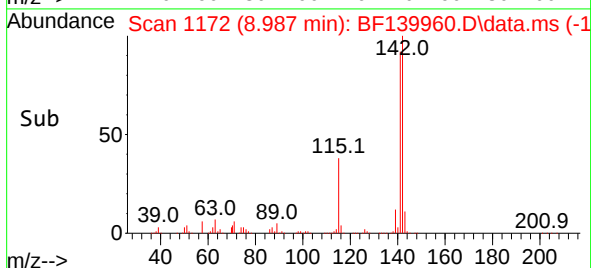
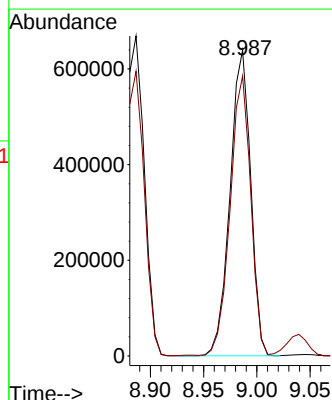
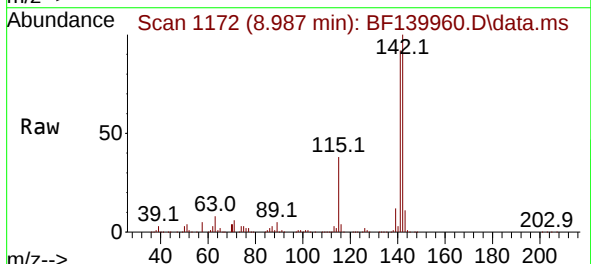
Instrument :
BNA_F
ClientSampleId :
PB164154BS

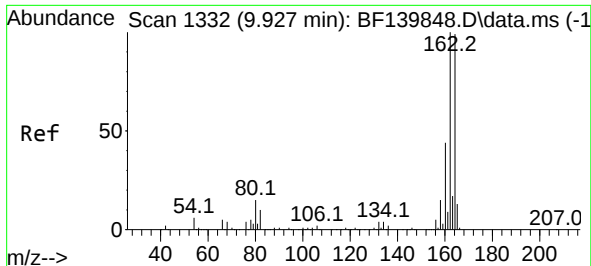
Tgt Ion:142 Resp: 918290
Ion Ratio Lower Upper
142 100
141 89.0 70.8 106.2



#38
1-Methylnaphthalene
Concen: 46.505 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:142 Resp: 862092
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: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

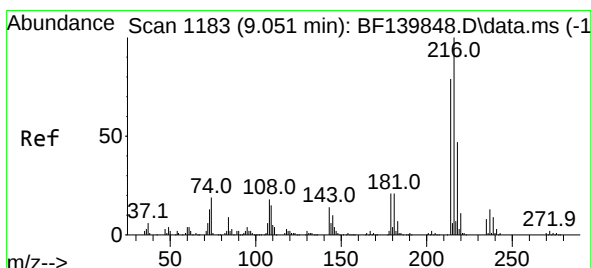
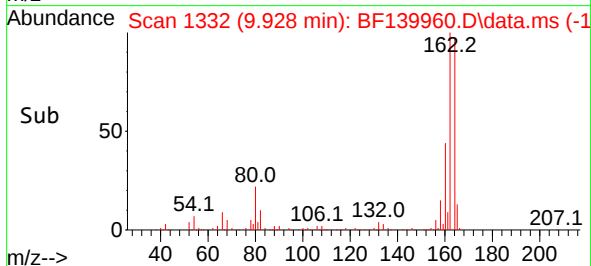
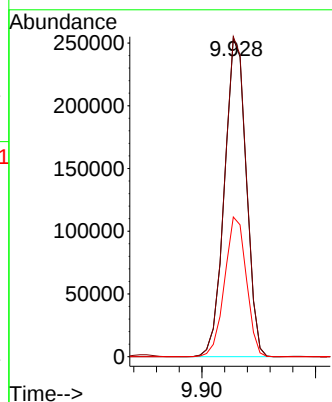
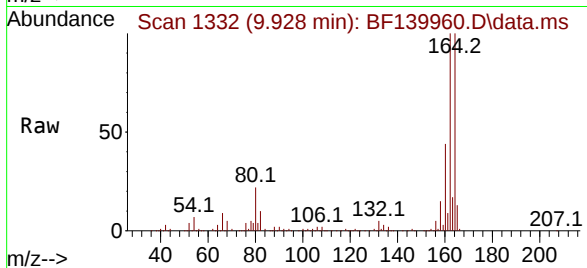
Tgt Ion:164 Resp: 337425

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

160 43.8 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.360 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:216 Resp: 431129

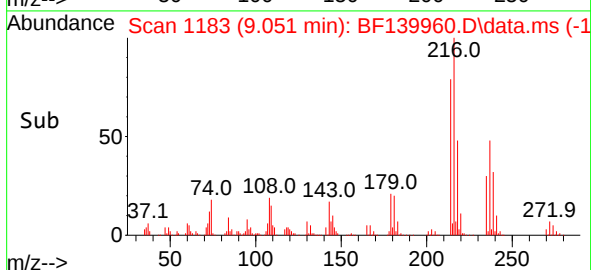
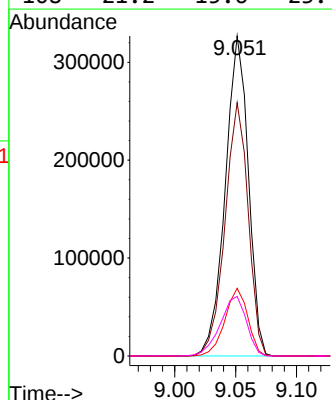
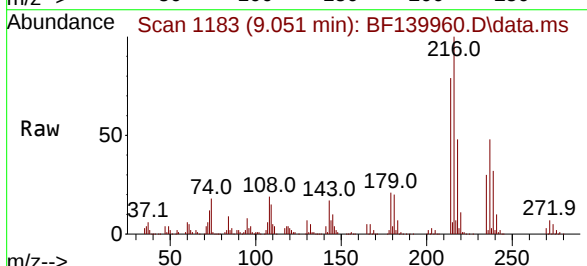
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 21.0 17.2 25.8

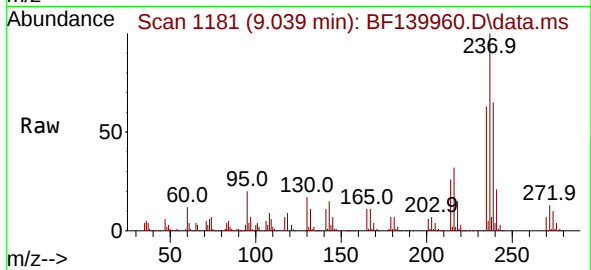
108 21.2 15.6 23.4



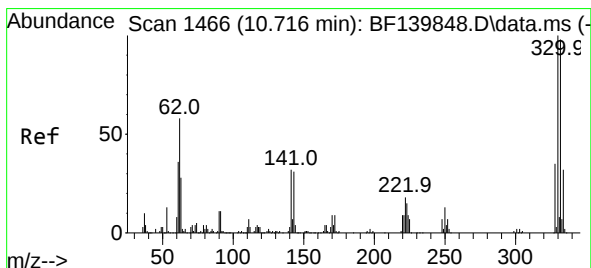
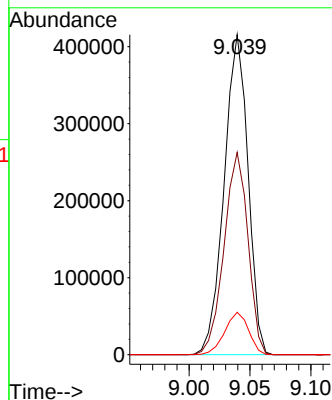
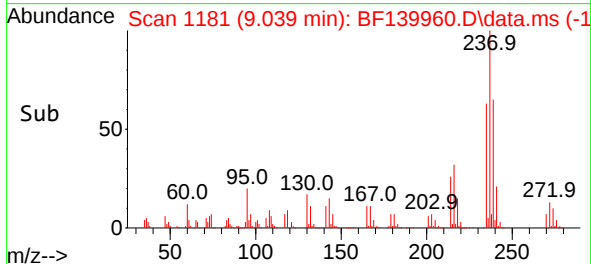


#41
Hexachlorocyclopentadiene
Concen: 179.072 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

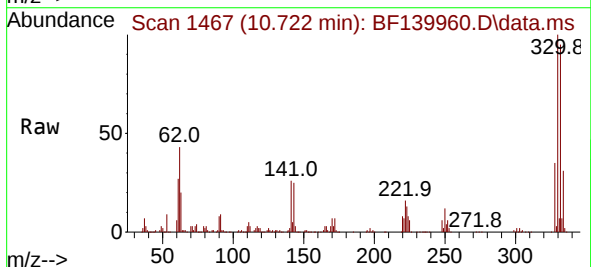
Instrument :
BNA_F
ClientSampleId :
PB164154BS



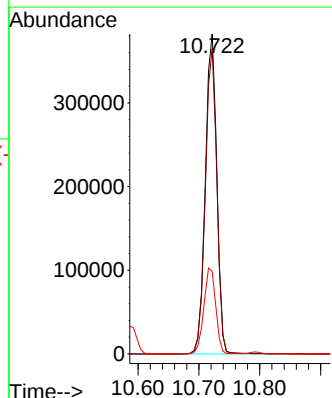
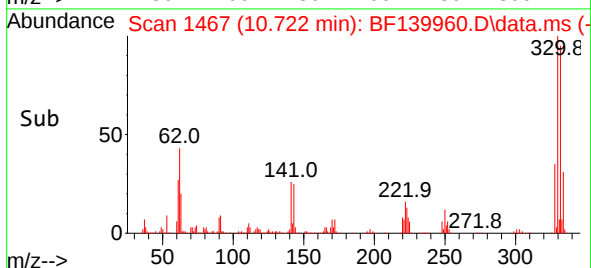
Tgt Ion:237 Resp: 567205
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 13.3 0.0 32.3

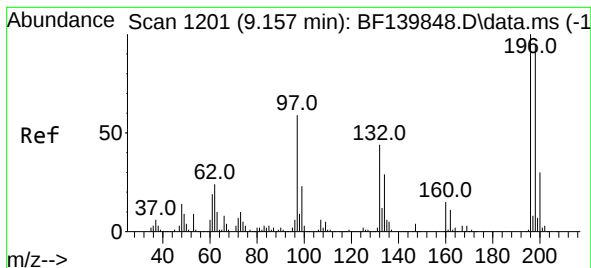


#42
2,4,6-Tribromophenol
Concen: 159.261 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07



Tgt Ion:330 Resp: 502653
Ion Ratio Lower Upper
330 100
332 95.1 78.1 117.1
141 27.8 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 52.168 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

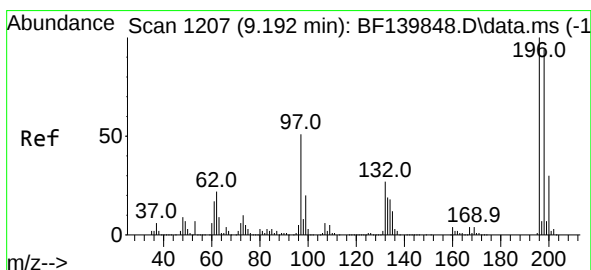
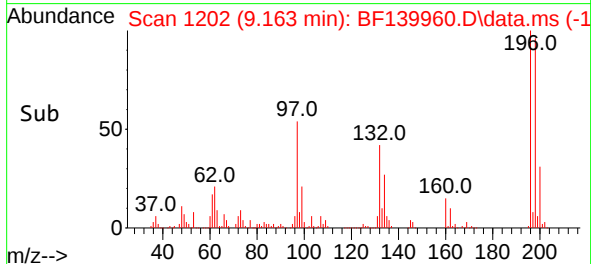
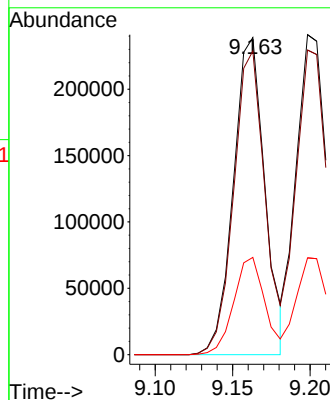
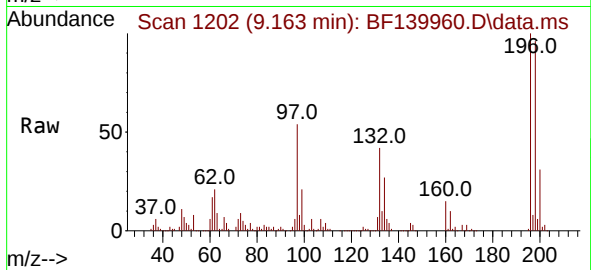
Tgt Ion:196 Resp: 336220

Ion Ratio Lower Upper

196 100

198 95.8 76.2 114.2

200 30.7 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 49.686 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:196 Resp: 330382

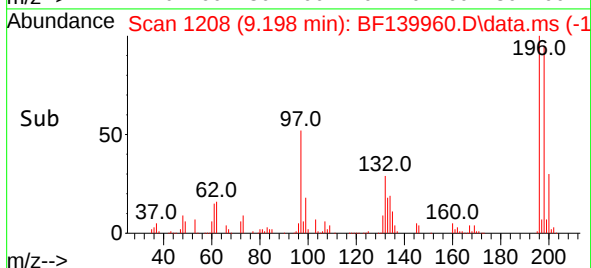
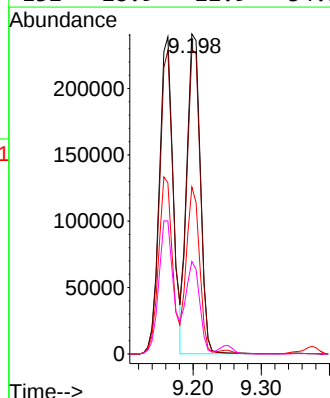
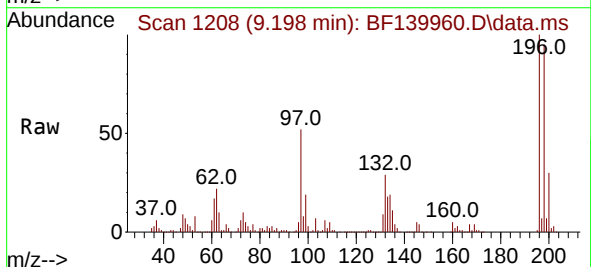
Ion Ratio Lower Upper

196 100

198 95.2 75.8 113.6

97 52.1 41.8 62.6

132 28.9 22.9 34.3

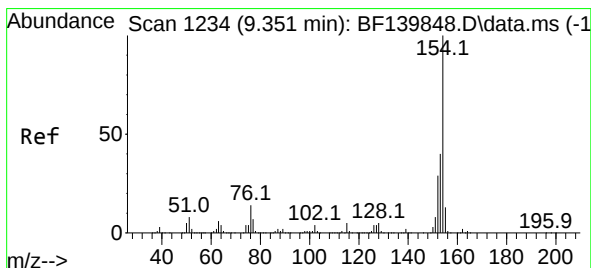
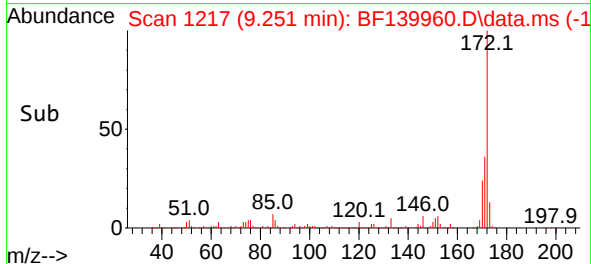
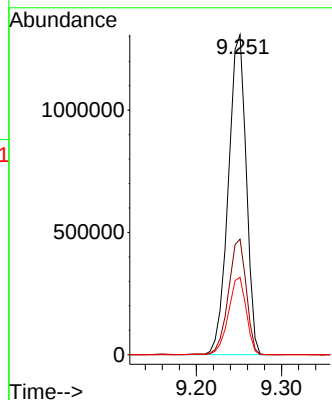
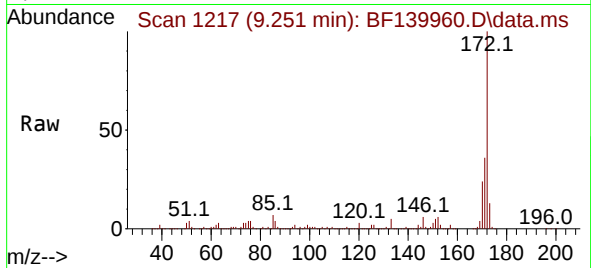




#45
2-Fluorobiphenyl
Concen: 93.316 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

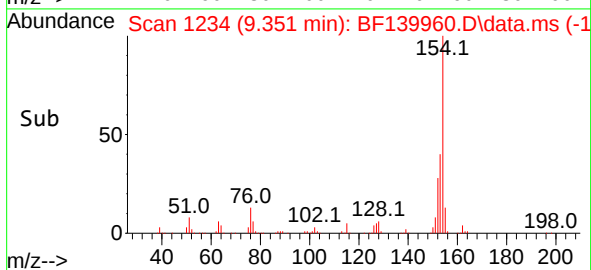
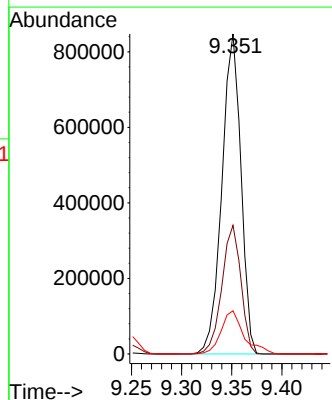
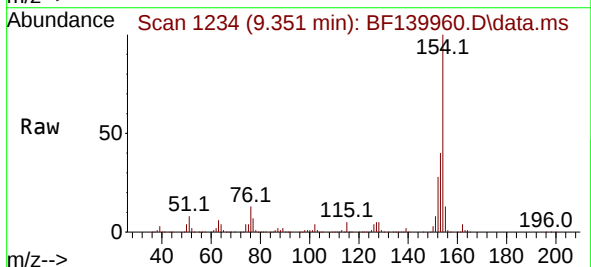
Instrument :
BNA_F
ClientSampleId :
PB164154BS

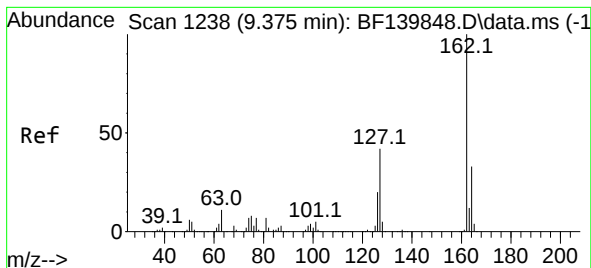
Tgt Ion:172 Resp: 1905194
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.2 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.474 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:154 Resp: 1115152
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.508 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

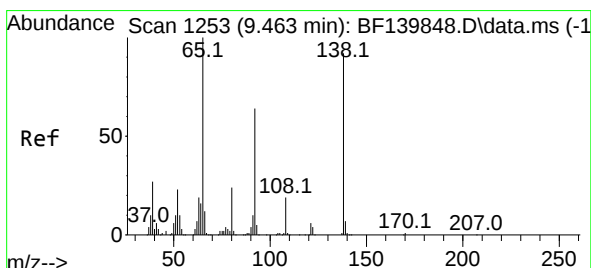
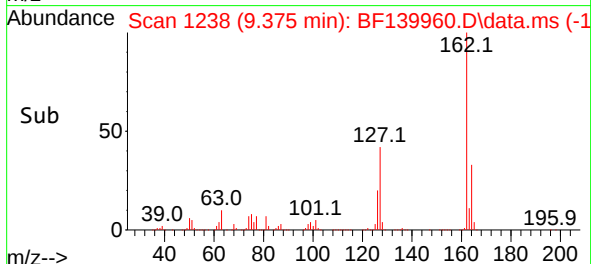
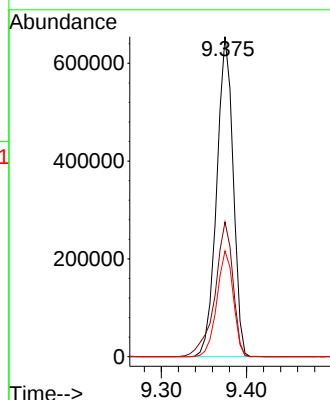
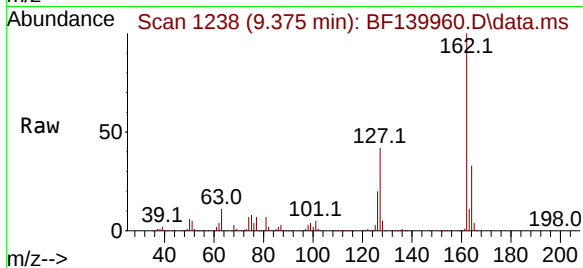
Tgt Ion:162 Resp: 879879

Ion Ratio Lower Upper

162 100

127 42.1 33.8 50.6

164 33.1 26.6 39.8



#48

2-Nitroaniline

Concen: 53.982 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

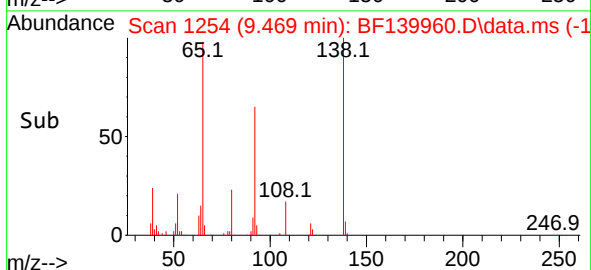
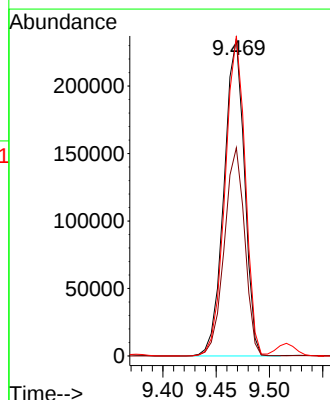
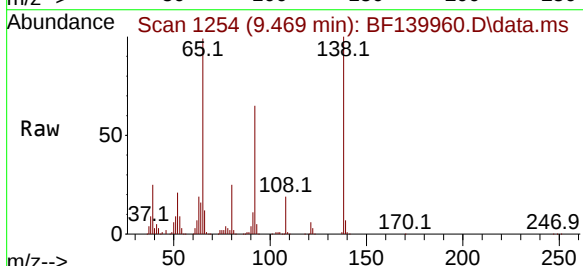
Tgt Ion: 65 Resp: 312352

Ion Ratio Lower Upper

65 100

92 65.6 50.9 76.3

138 100.9 73.4 110.0





#49

Acenaphthylene

Concen: 50.915 ng

RT: 9.792 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

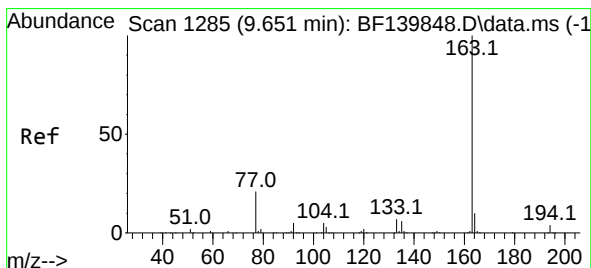
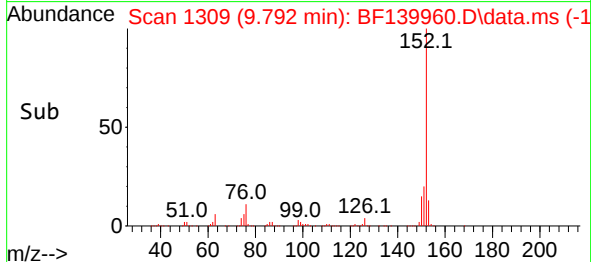
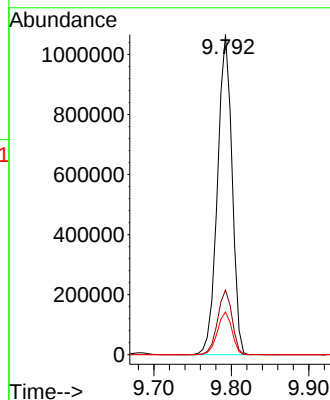
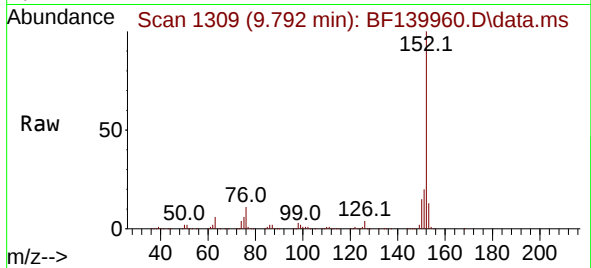
Tgt Ion:152 Resp: 1392576

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 50.491 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

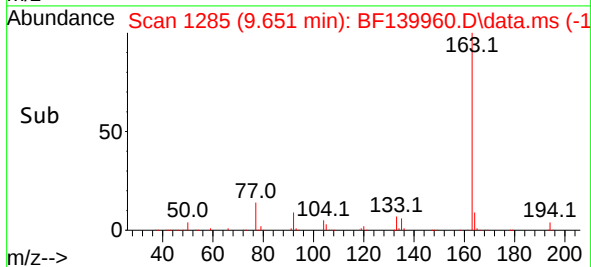
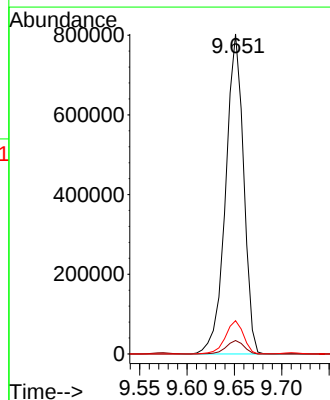
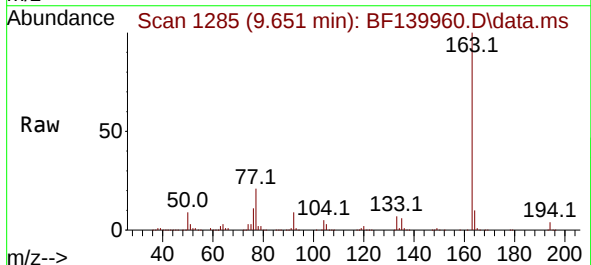
Tgt Ion:163 Resp: 1061203

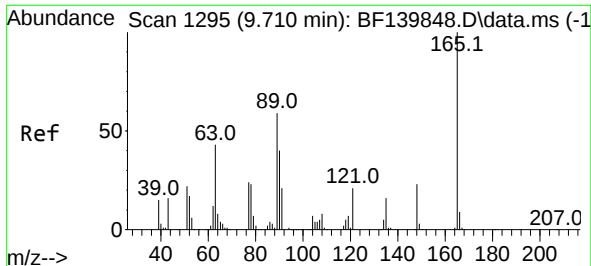
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.4 8.2 12.2

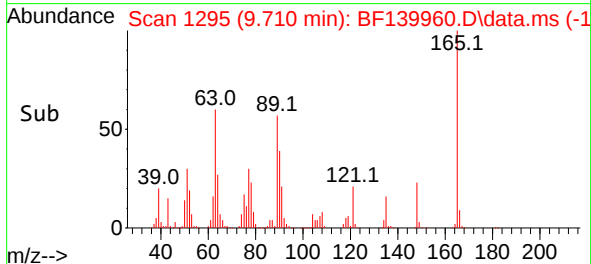
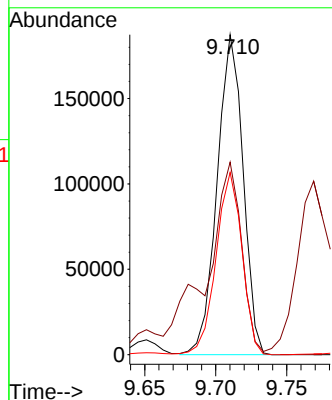
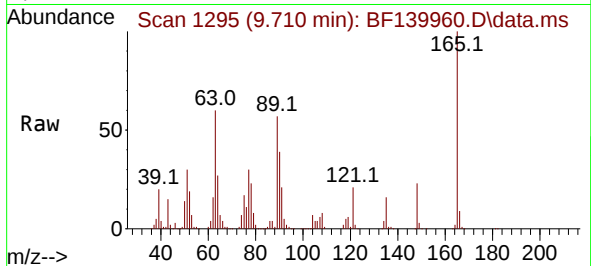




#51
2,6-Dinitrotoluene
Concen: 52.362 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

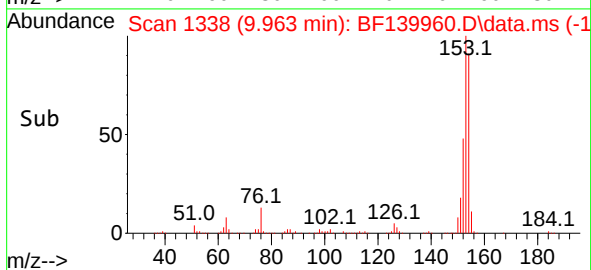
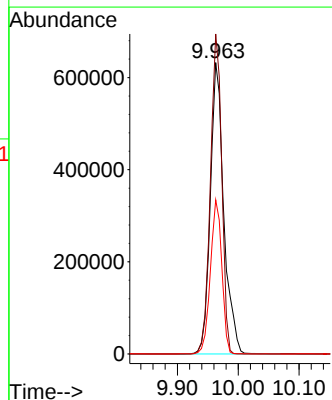
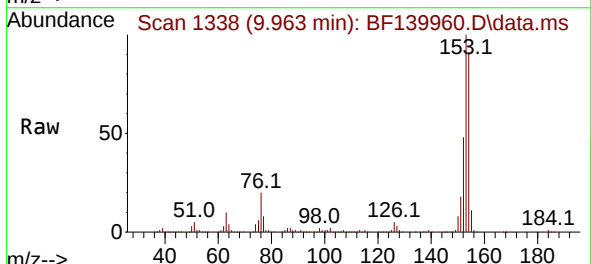
Instrument :
BNA_F
ClientSampleId :
PB164154BS

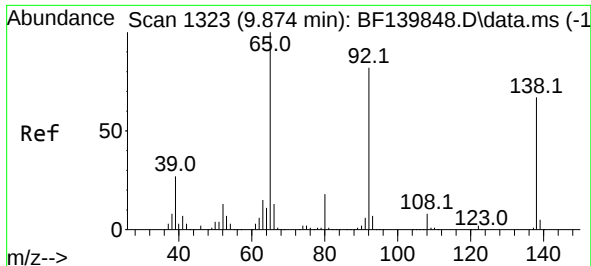
Tgt Ion:165 Resp: 238284
Ion Ratio Lower Upper
165 100
63 60.2 50.6 75.8
89 57.0 47.5 71.3



#52
Acenaphthene
Concen: 55.078 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:154 Resp: 974519
Ion Ratio Lower Upper
154 100
153 109.8 89.8 134.6
152 52.9 42.4 63.6

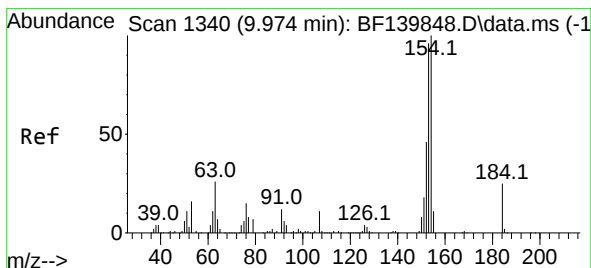
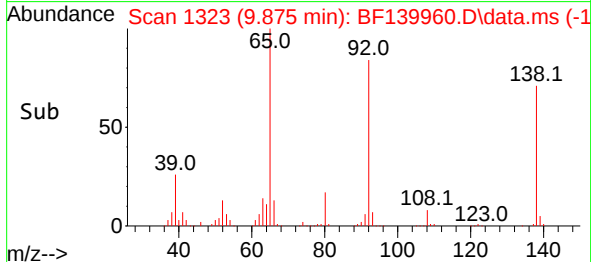
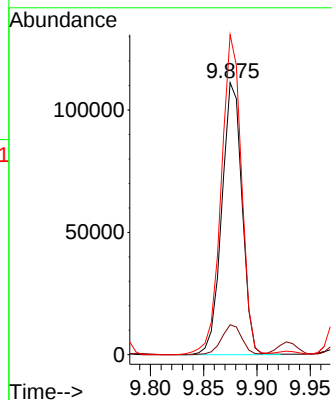
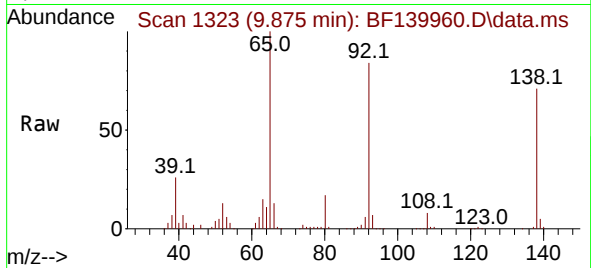




#53
3-Nitroaniline
Concen: 31.242 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

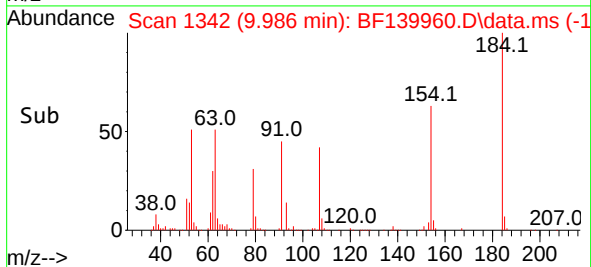
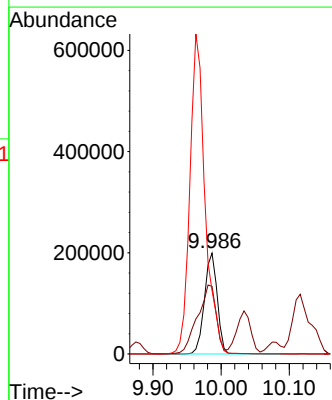
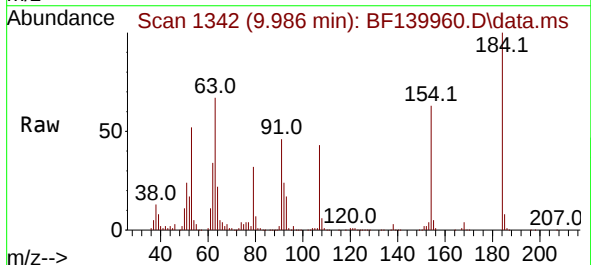
Instrument :
BNA_F
ClientSampleId :
PB164154BS

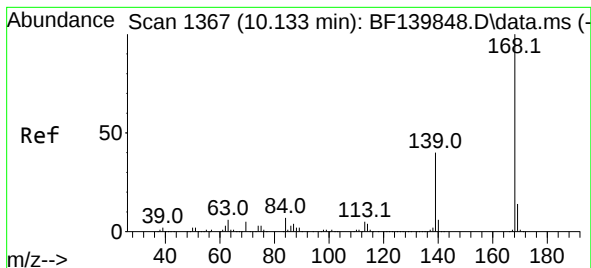
Tgt Ion:138 Resp: 146617
Ion Ratio Lower Upper
138 100
108 11.0 10.2 15.2
92 117.7 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 133.409 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:184 Resp: 261212
Ion Ratio Lower Upper
184 100
63 67.0 84.7 127.1#
154 62.9 338.2 507.2#





#55

Dibenzofuran

Concen: 48.227 ng

RT: 10.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

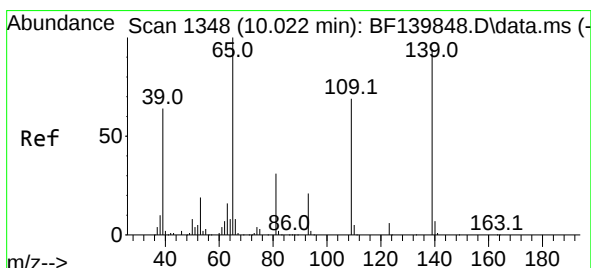
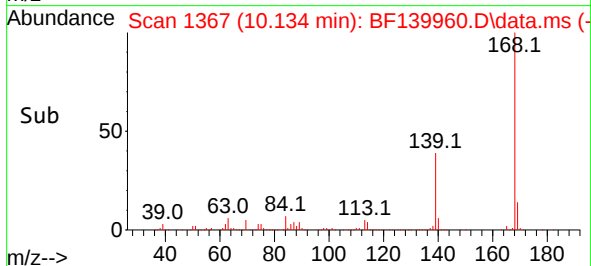
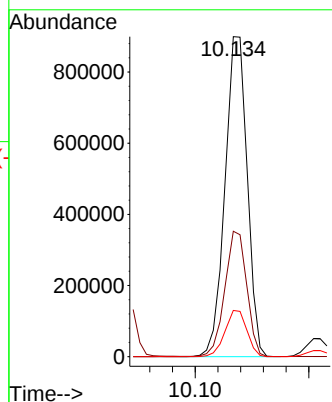
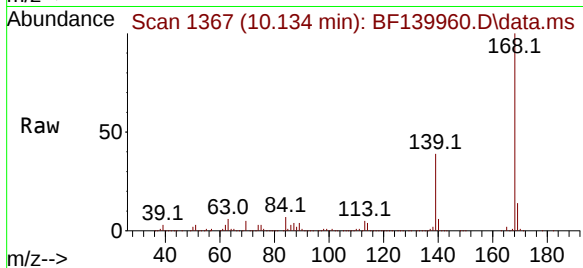
Tgt Ion:168 Resp: 1224268

Ion Ratio Lower Upper

168 100

139 39.2 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 108.873 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

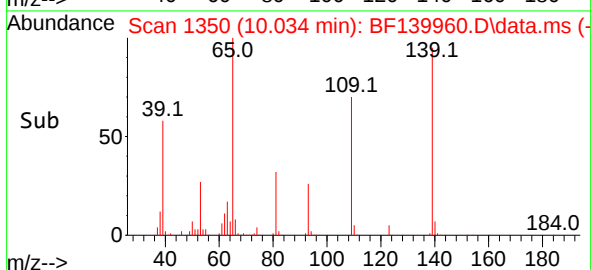
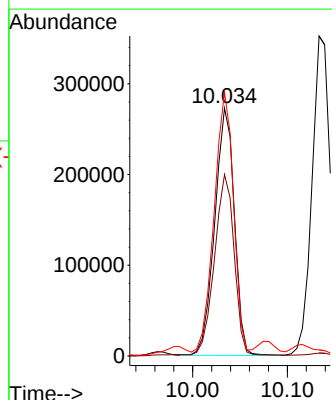
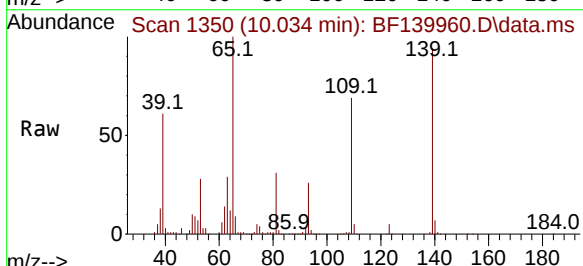
Tgt Ion:139 Resp: 393084

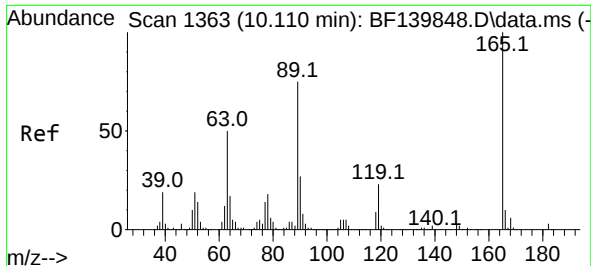
Ion Ratio Lower Upper

139 100

109 73.2 53.6 93.6

65 106.4 87.8 127.8

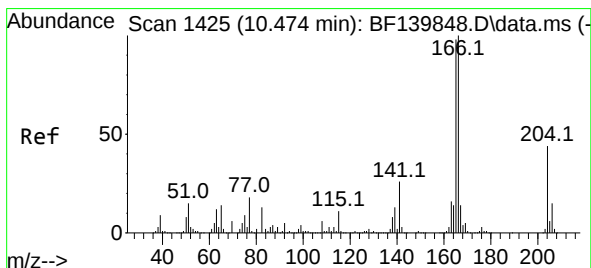
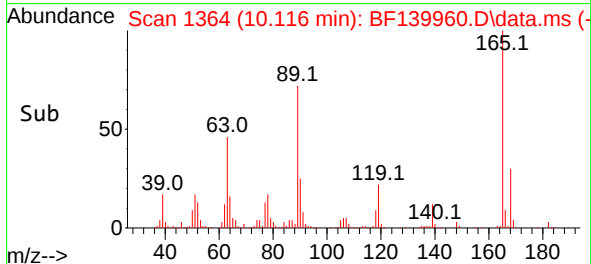
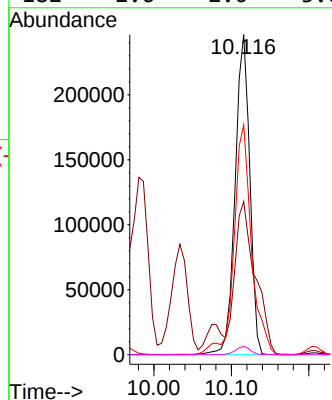
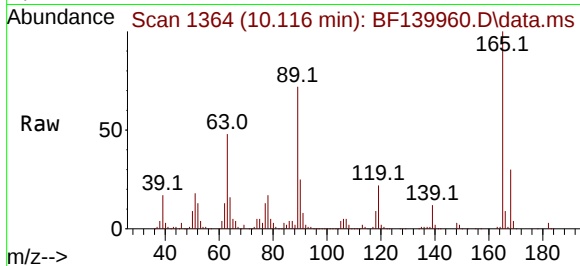




#57
2,4-Dinitrotoluene
Concen: 57.819 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

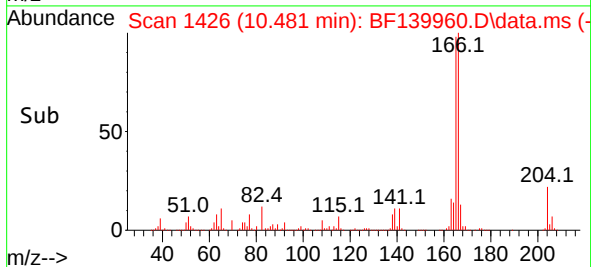
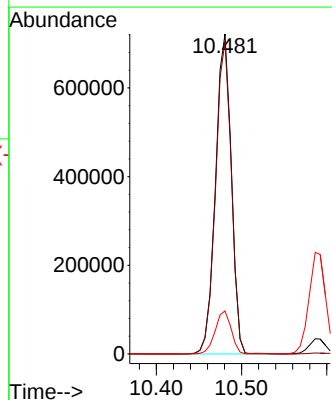
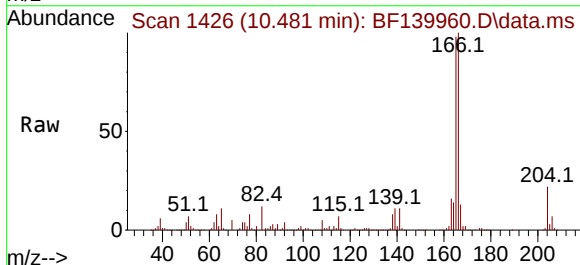
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion:165 Resp: 323562
Ion Ratio Lower Upper
165 100
63 47.9 40.1 60.1
89 71.8 60.4 90.6
182 2.6 2.0 3.0



#58
Fluorene
Concen: 48.073 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:166 Resp: 929505
Ion Ratio Lower Upper
166 100
165 97.7 78.5 117.7
167 13.4 10.9 16.3

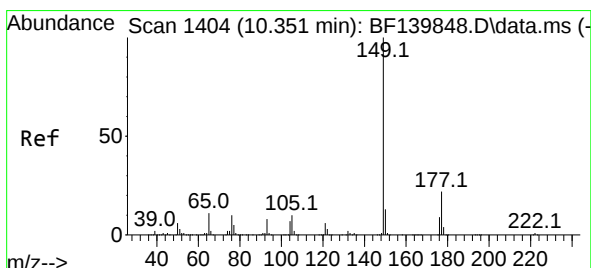
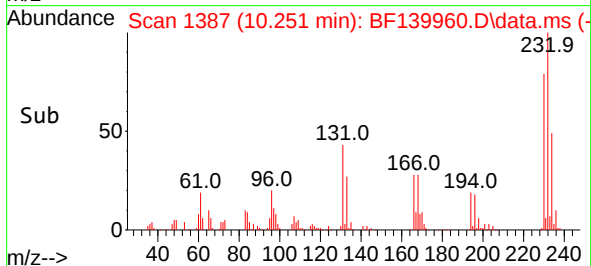
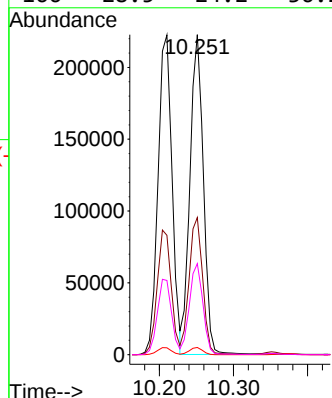
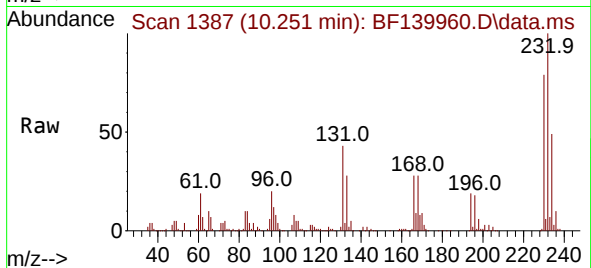




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.788 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

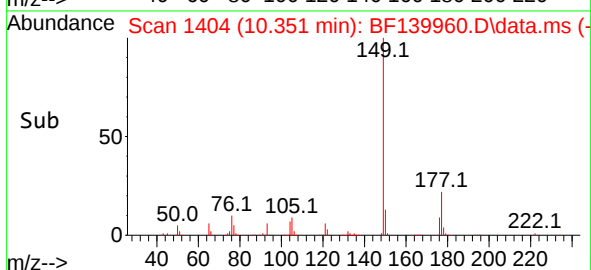
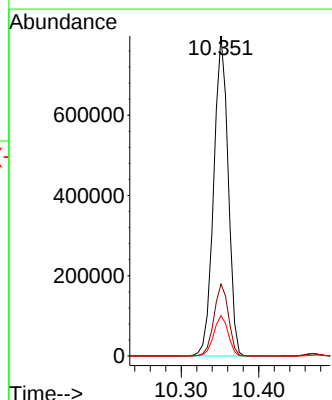
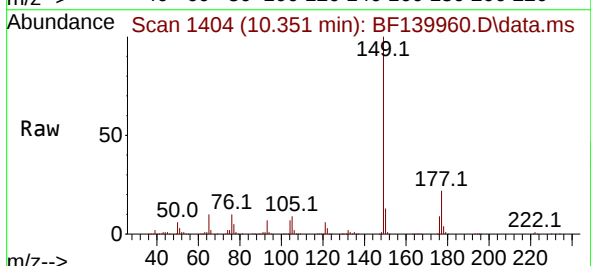
Instrument :
BNA_F
ClientSampleId :
PB164154BS

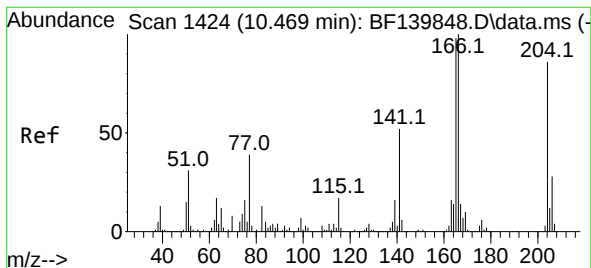
Tgt Ion:232 Resp: 280379
Ion Ratio Lower Upper
232 100
131 43.4 37.0 55.6
130 2.2 1.9 2.9
166 28.5 24.2 36.2



#60
Diethylphthalate
Concen: 49.945 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:149 Resp: 1030661
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1

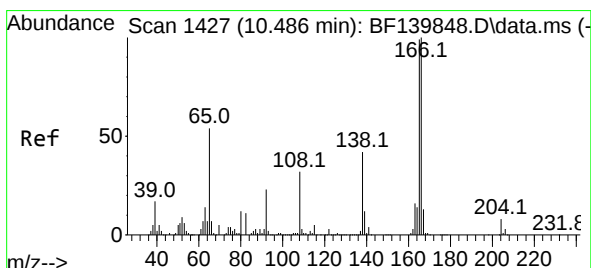
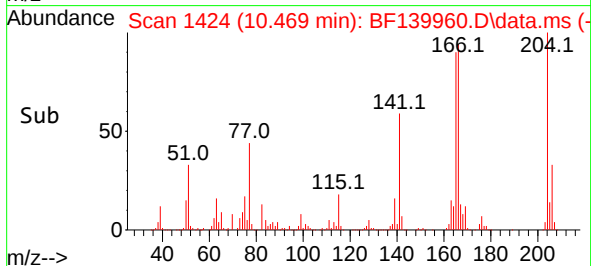
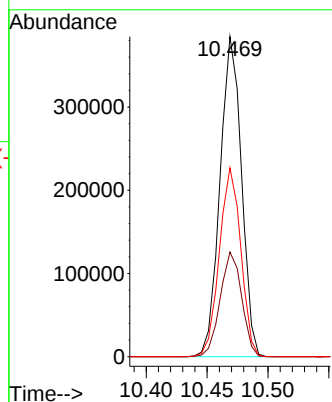
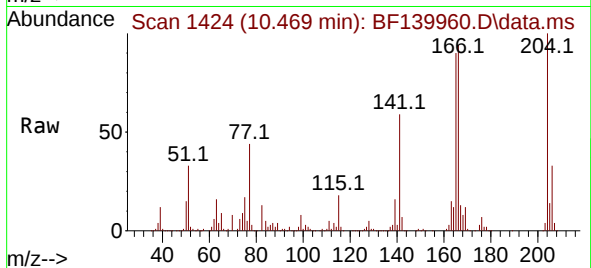




#61
4-Chlorophenyl-phenylether
Concen: 48.378 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

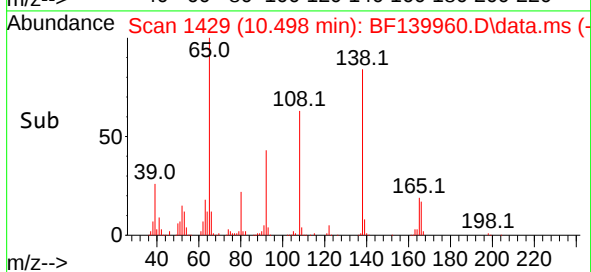
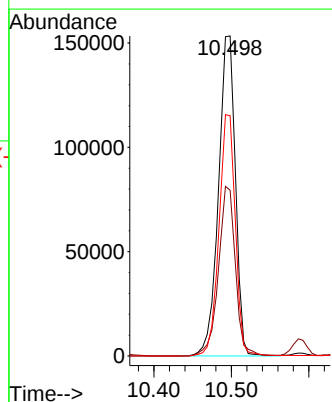
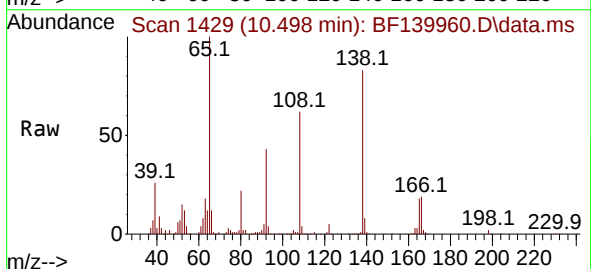
Instrument :
BNA_F
ClientSampleId :
PB164154BS

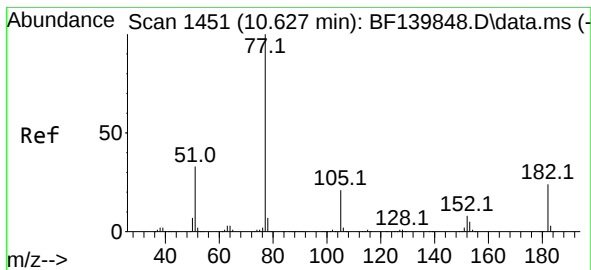
Tgt Ion:204 Resp: 472382
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.0 48.6 73.0



#62
4-Nitroaniline
Concen: 52.589 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:138 Resp: 233090
Ion Ratio Lower Upper
138 100
92 51.8 35.7 75.7
108 75.0 57.5 97.5

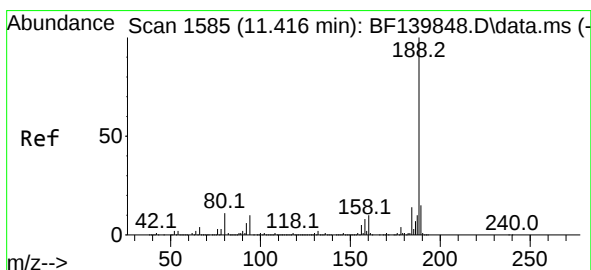
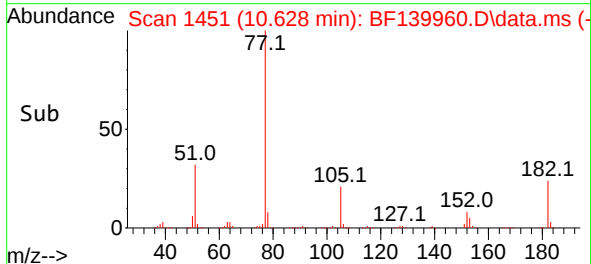
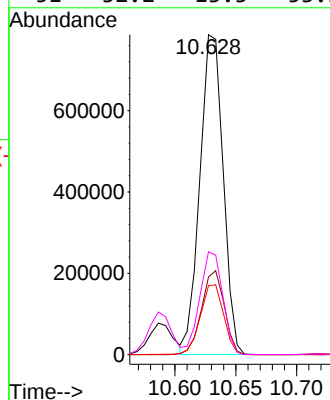
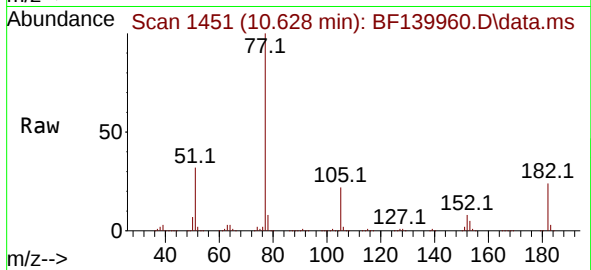




#63
Azobenzene
Concen: 47.914 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

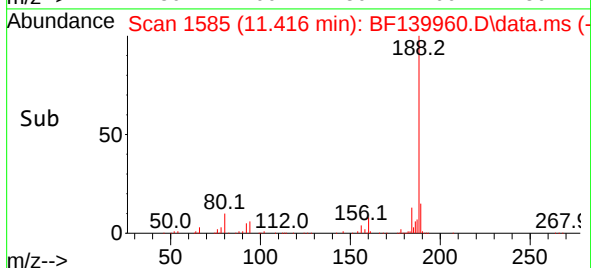
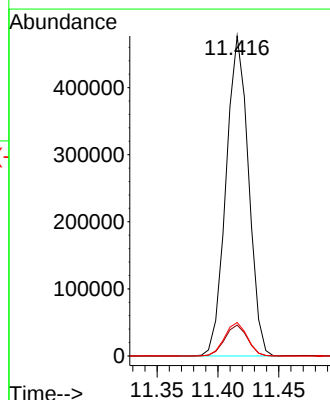
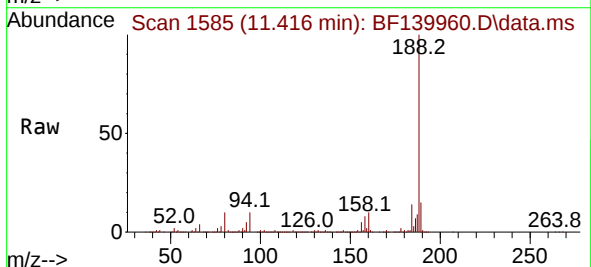
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion: 77 Resp: 1048244
Ion Ratio Lower Upper
77 100
182 24.3 3.3 43.3
105 21.6 1.2 41.2
51 32.2 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: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:188 Resp: 611801
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.5 9.0 13.4

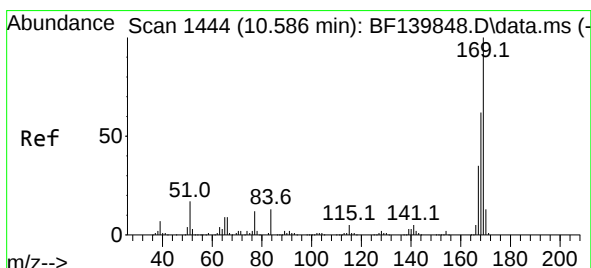
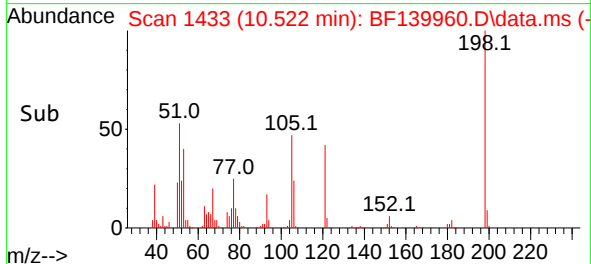
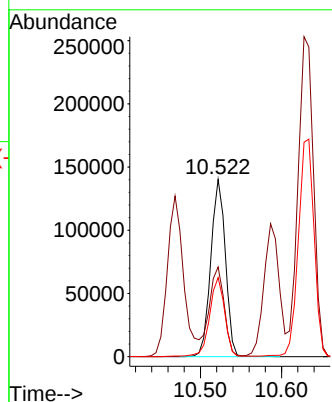
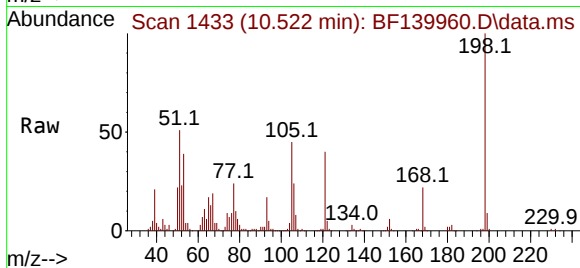




#65
4,6-Dinitro-2-methylphenol
Concen: 70.150 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

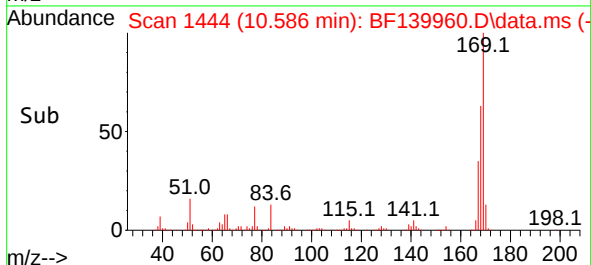
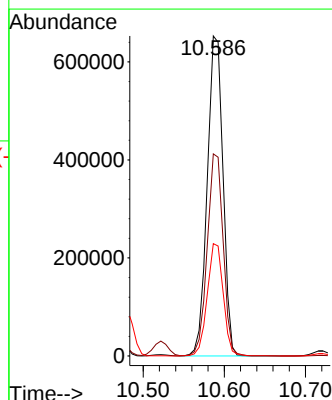
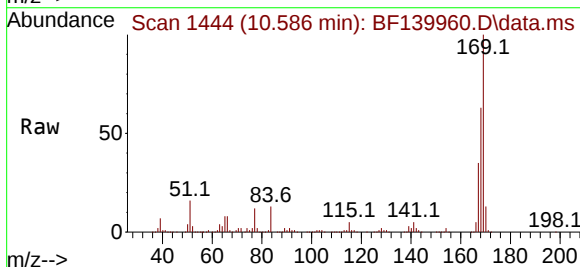
Instrument :
BNA_F
ClientSampleId :
PB164154BS

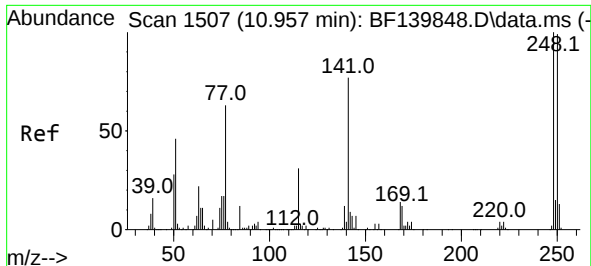
Tgt Ion:198 Resp: 175060
Ion Ratio Lower Upper
198 100
51 50.6 38.2 78.2
105 44.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.960 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:169 Resp: 878190
Ion Ratio Lower Upper
169 100
168 63.1 49.8 74.6
167 35.1 28.0 42.0

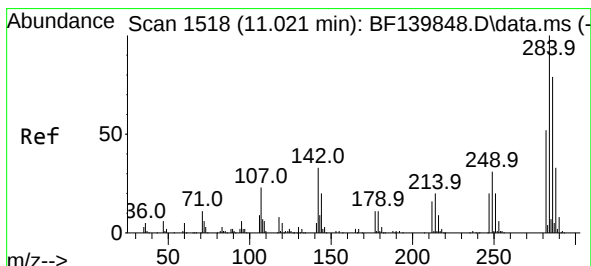
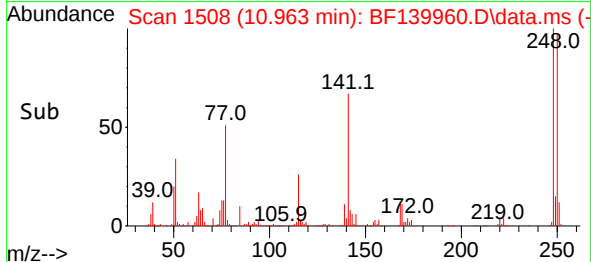
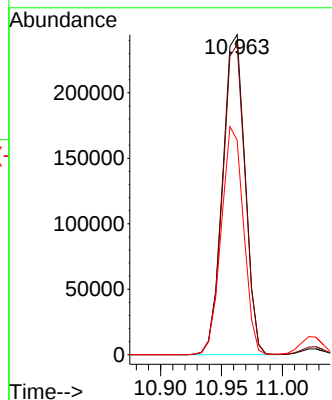
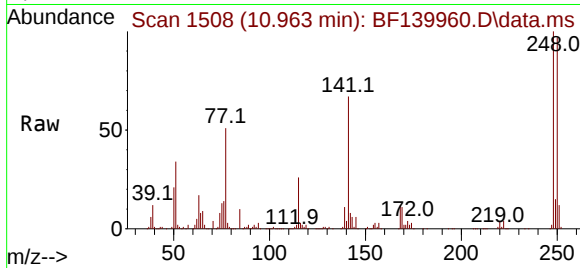




#67
4-Bromophenyl-phenylether
Concen: 49.870 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

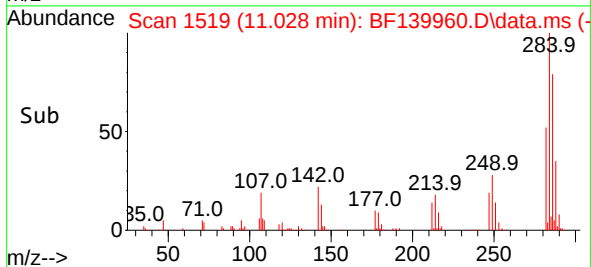
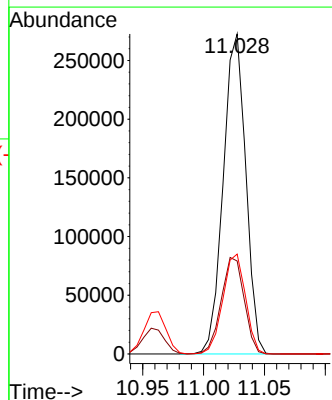
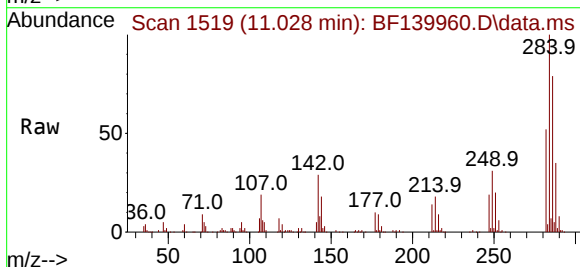
Instrument :
BNA_F
ClientSampleId :
PB164154BS

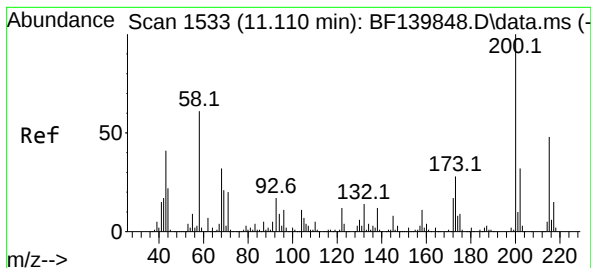
Tgt Ion:248 Resp: 314317
Ion Ratio Lower Upper
248 100
250 96.9 79.0 118.6
141 67.0 61.7 92.5



#68
Hexachlorobenzene
Concen: 49.564 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:284 Resp: 351330
Ion Ratio Lower Upper
284 100
142 29.1 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 58.136 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

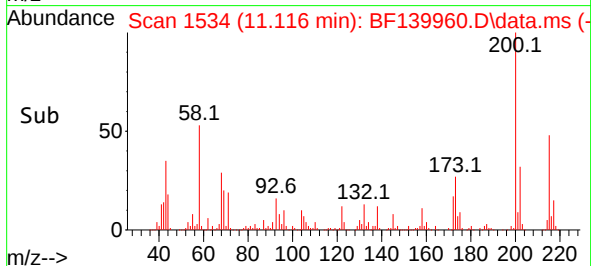
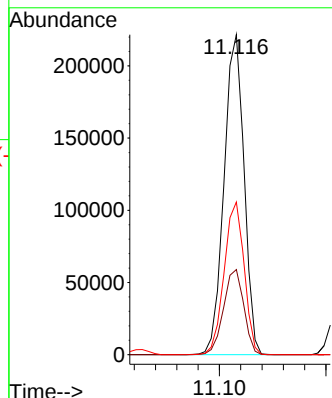
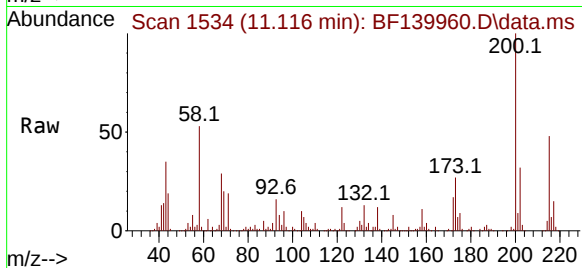
Tgt Ion:200 Resp: 288364

Ion Ratio Lower Upper

200 100

173 26.6 7.7 47.7

215 47.7 27.7 67.7



#70

Pentachlorophenol

Concen: 99.928 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

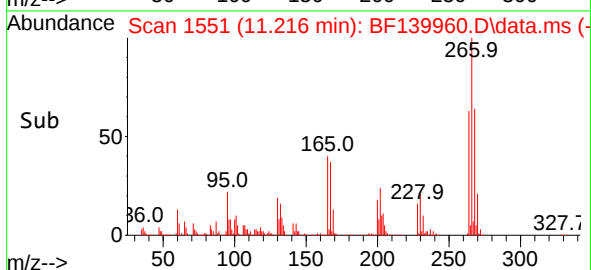
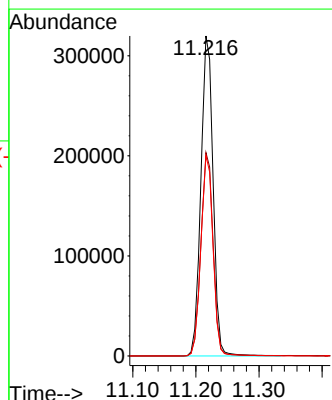
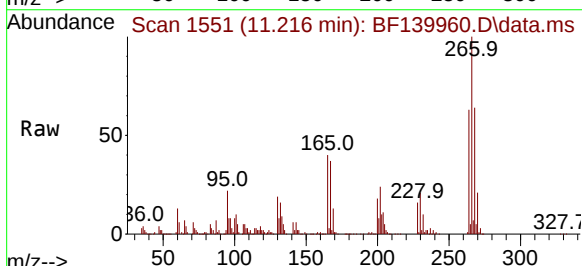
Tgt Ion:266 Resp: 429890

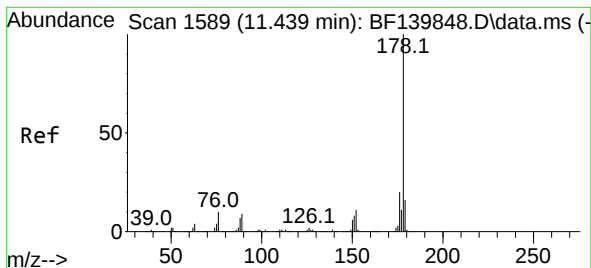
Ion Ratio Lower Upper

266 100

268 63.5 50.4 75.6

264 62.6 50.6 75.8





#71

Phenanthrene

Concen: 48.246 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

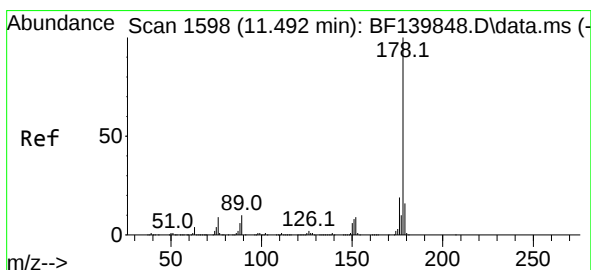
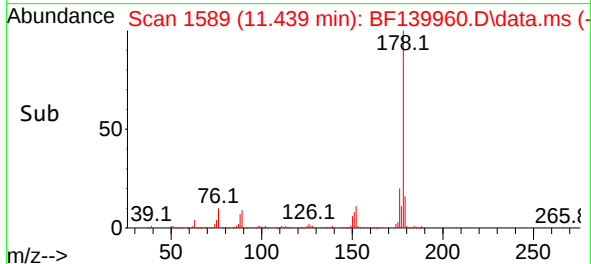
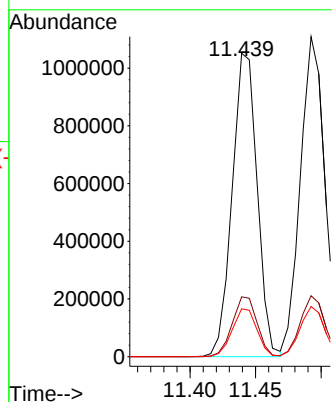
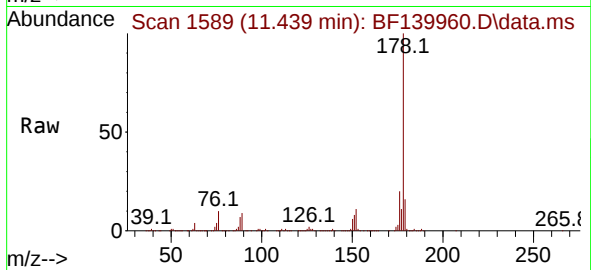
Tgt Ion:178 Resp: 1394242

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.8 12.6 18.8



#72

Anthracene

Concen: 50.343 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

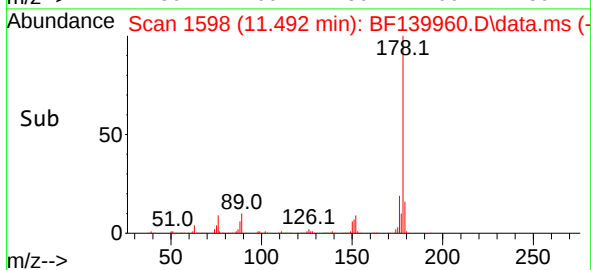
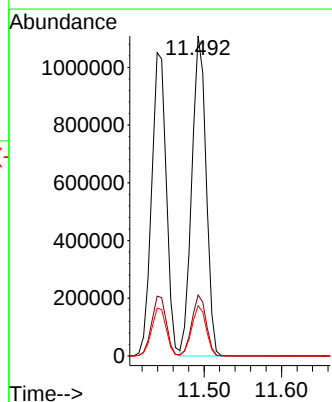
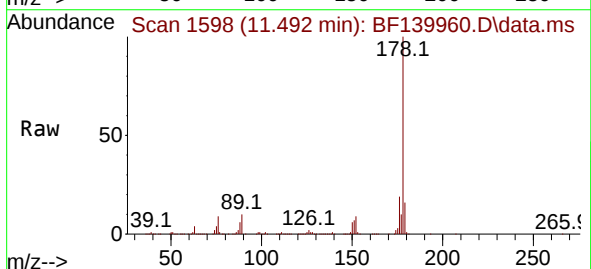
Tgt Ion:178 Resp: 1419494

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.7 12.4 18.6





#73

Carbazole

Concen: 46.362 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

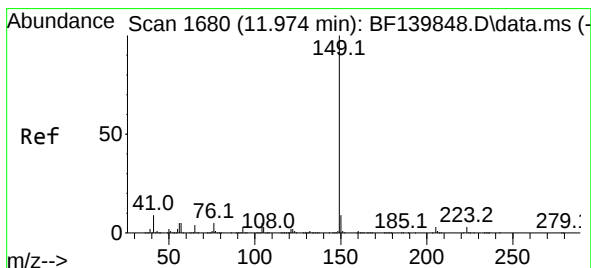
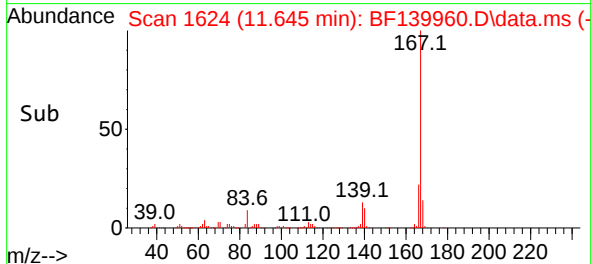
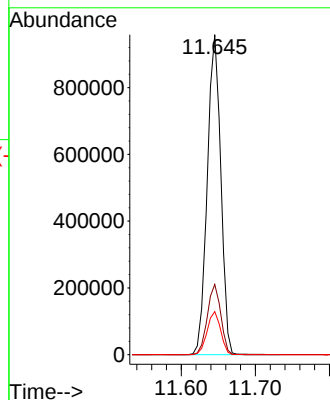
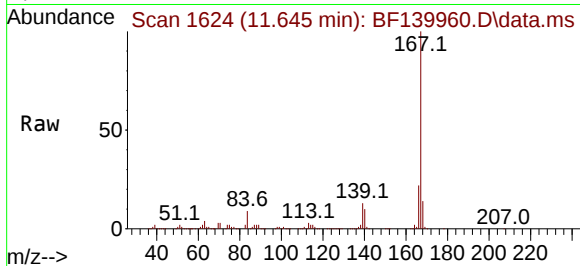
Tgt Ion:167 Resp: 1215745

Ion Ratio Lower Upper

167 100

166 21.9 17.0 25.6

139 13.5 10.8 16.2



#74

Di-n-butylphthalate

Concen: 48.955 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

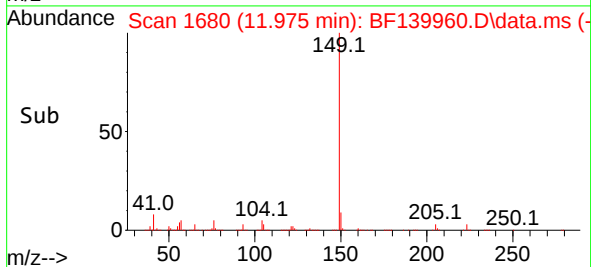
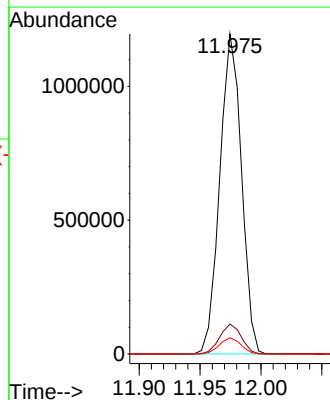
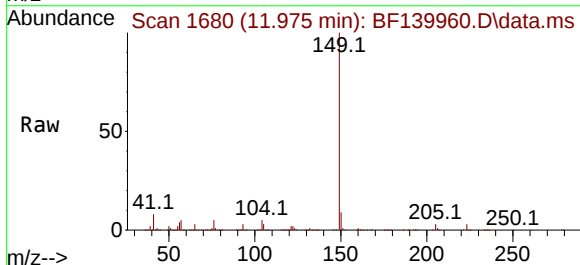
Tgt Ion:149 Resp: 1483161

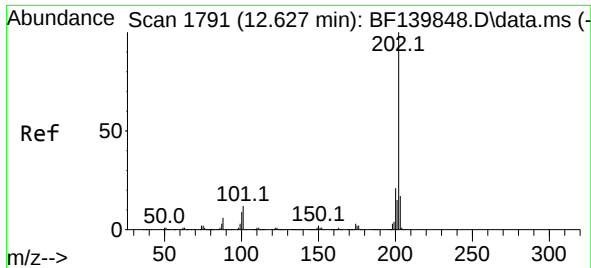
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1

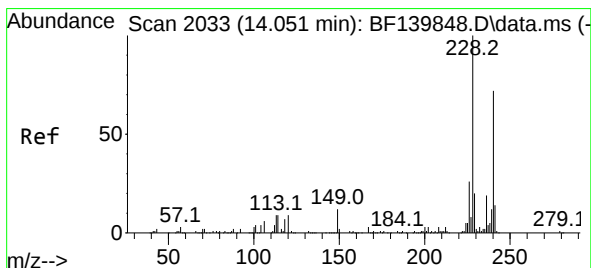
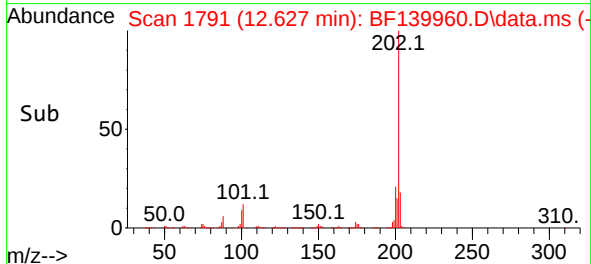
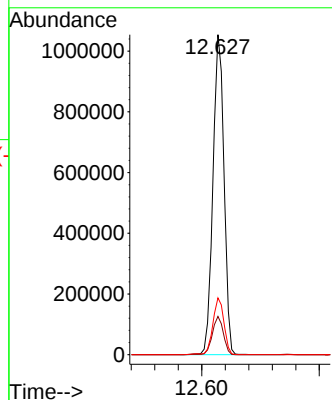
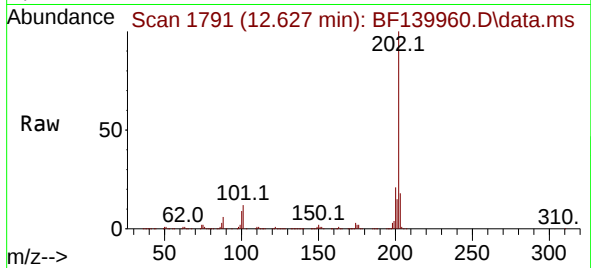




#75
Fluoranthene
Concen: 47.157 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

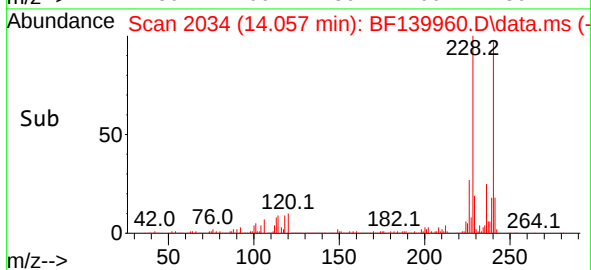
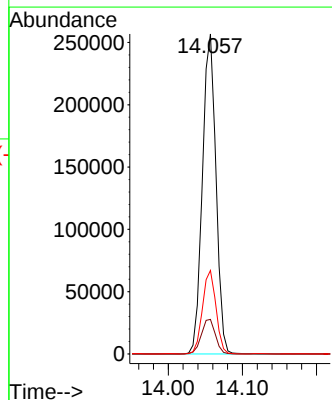
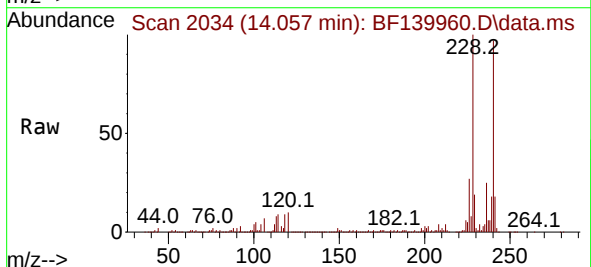
Instrument :
BNA_F
ClientSampleId :
PB164154BS

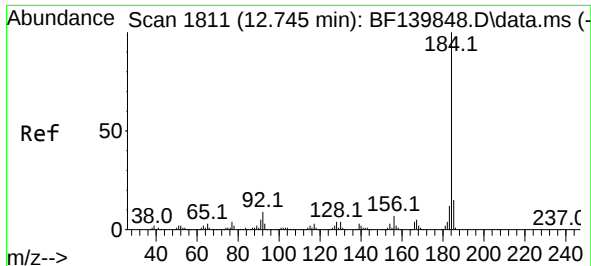
Tgt Ion:202 Resp: 1377658
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:240 Resp: 325970
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.1 20.9 31.3

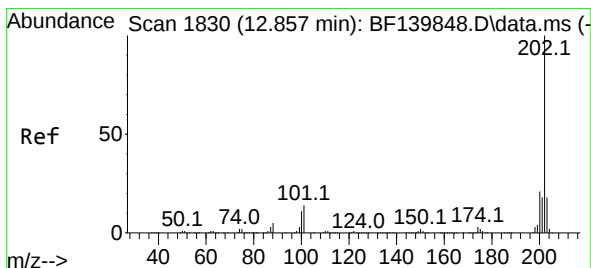
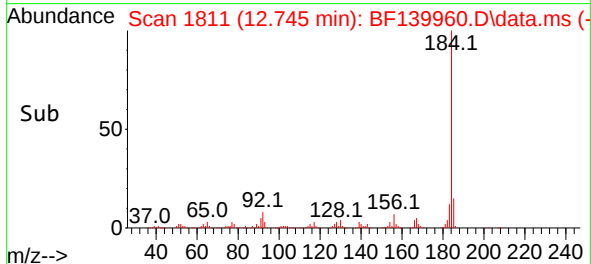
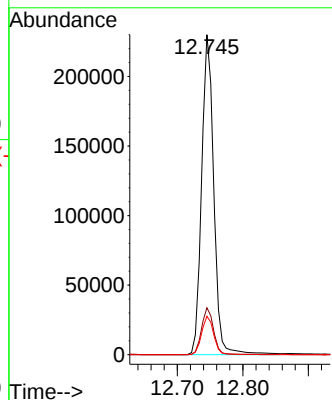
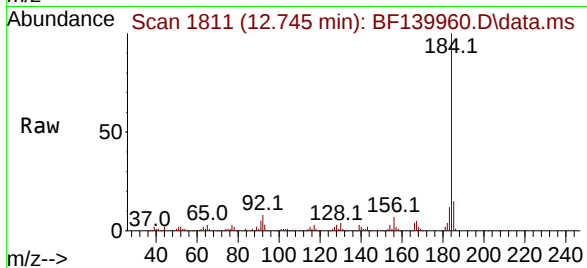




#77
Benzidine
Concen: 55.458 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

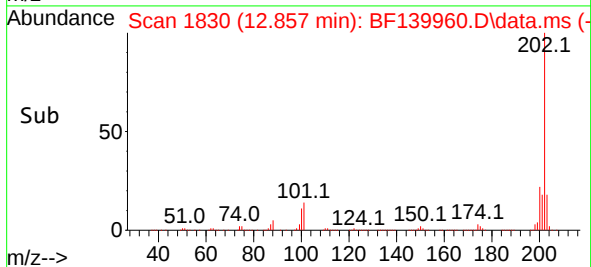
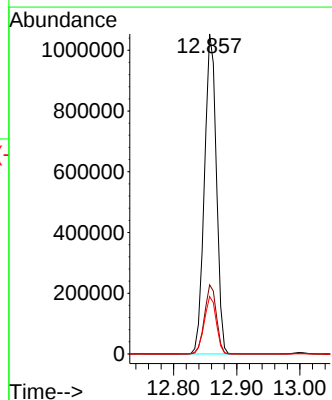
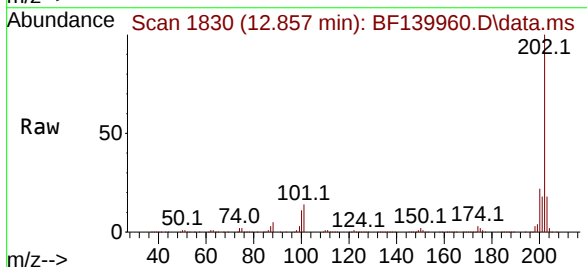
Instrument :
BNA_F
ClientSampleId :
PB164154BS

Tgt Ion:184 Resp: 297260
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 12.0 9.4 14.2



#78
Pyrene
Concen: 48.511 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:202 Resp: 1384172
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 98.385 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

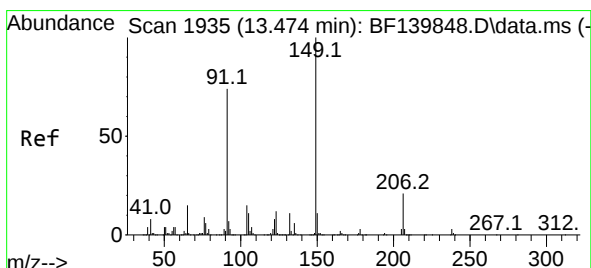
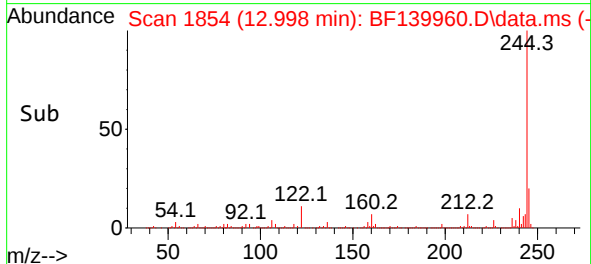
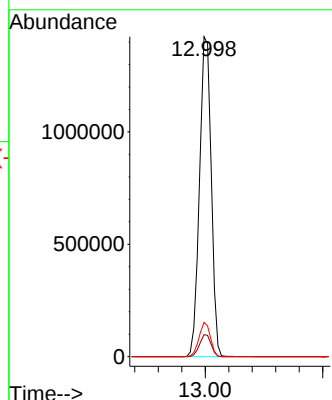
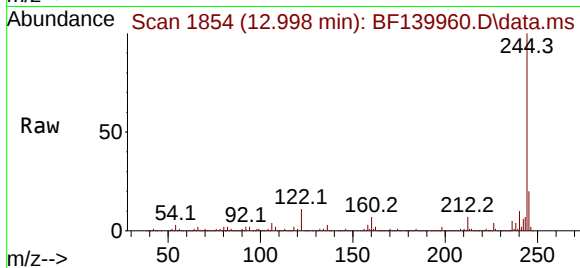
Tgt Ion:244 Resp: 1968137

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.7 8.6 13.0



#80

Butylbenzylphthalate

Concen: 53.979 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

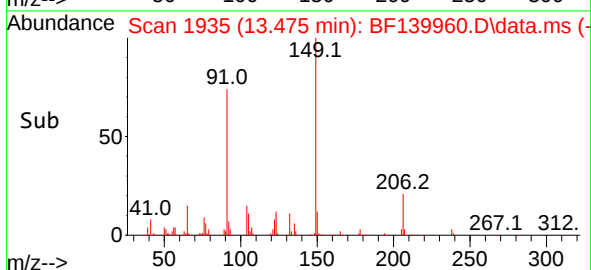
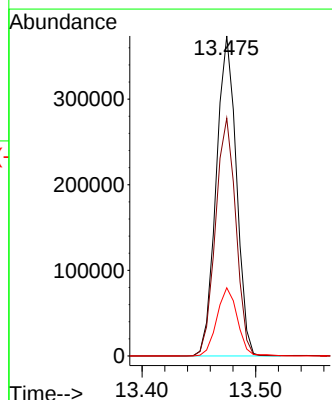
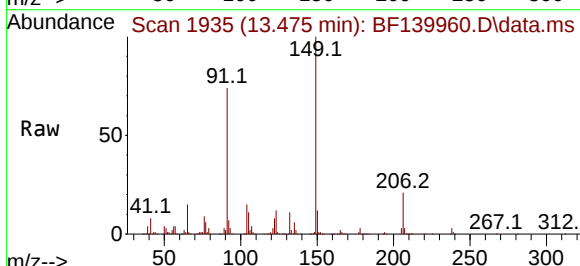
Tgt Ion:149 Resp: 461755

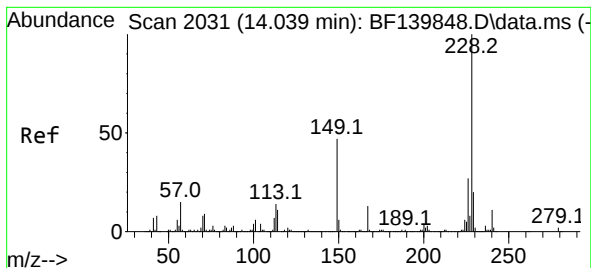
Ion Ratio Lower Upper

149 100

91 74.3 59.4 89.2

206 21.3 16.4 24.6





#81

Benzo(a)anthracene

Concen: 50.276 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

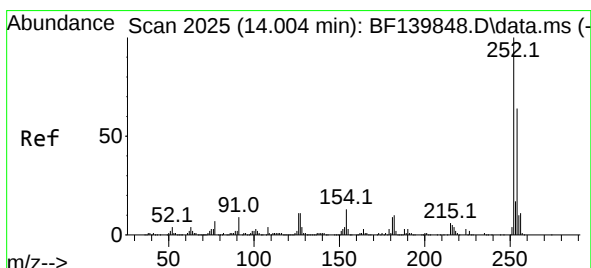
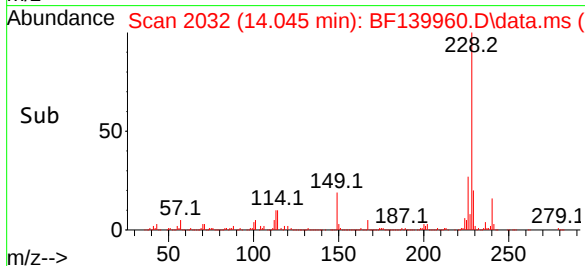
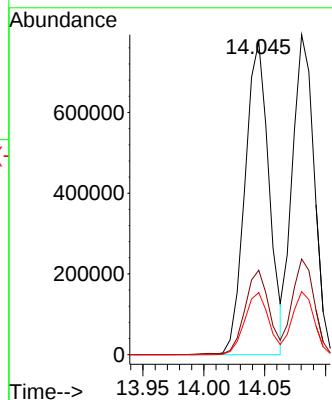
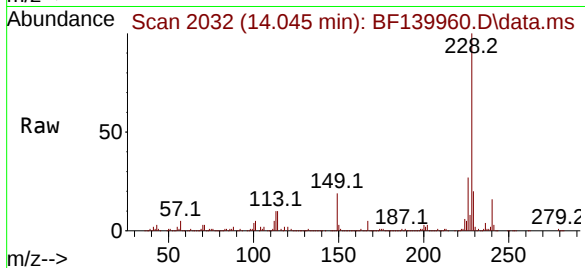
Tgt Ion:228 Resp: 1066844

Ion Ratio Lower Upper

228 100

226 27.0 21.6 32.4

229 19.8 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 35.306 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

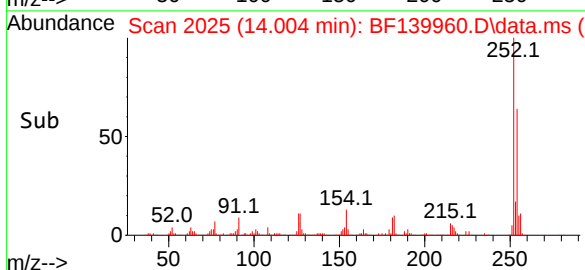
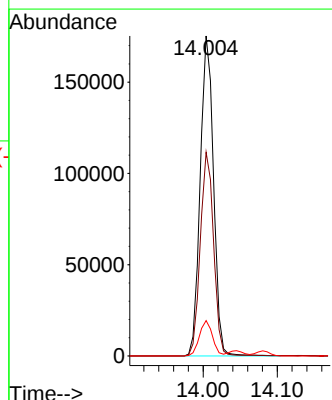
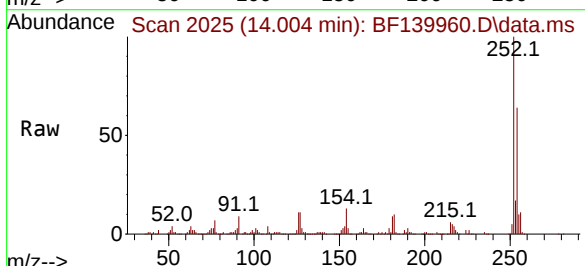
Tgt Ion:252 Resp: 218434

Ion Ratio Lower Upper

252 100

254 63.7 50.8 76.2

126 11.0 8.9 13.3





#83

Chrysene

Concen: 50.854 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

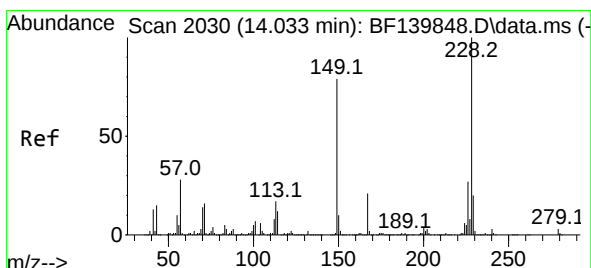
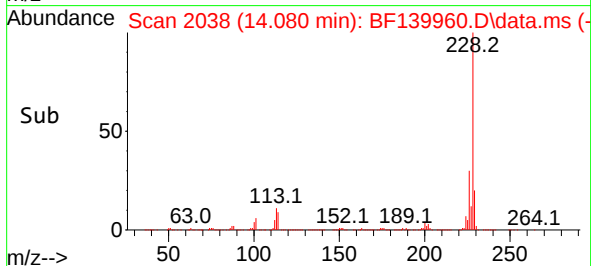
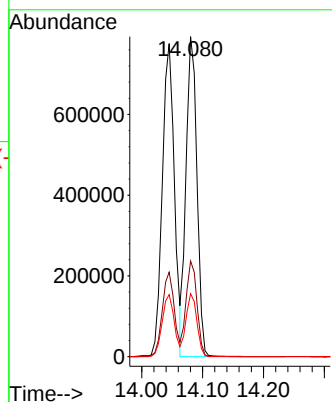
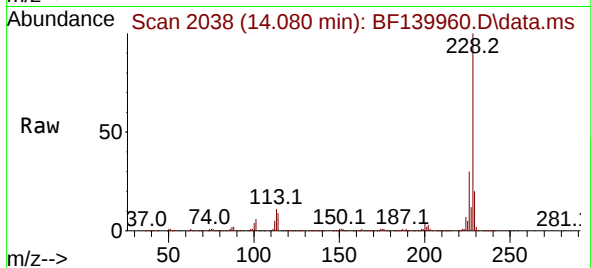
Tgt Ion:228 Resp: 989412

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.783 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

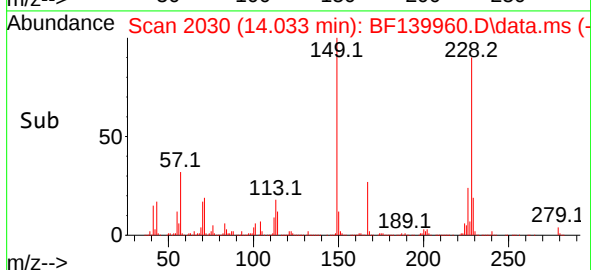
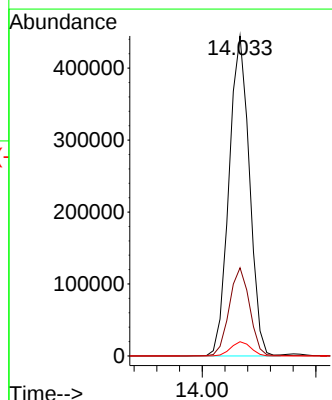
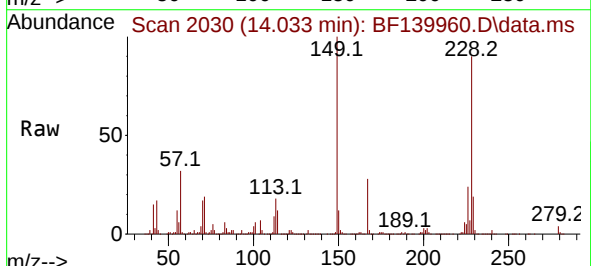
Tgt Ion:149 Resp: 554575

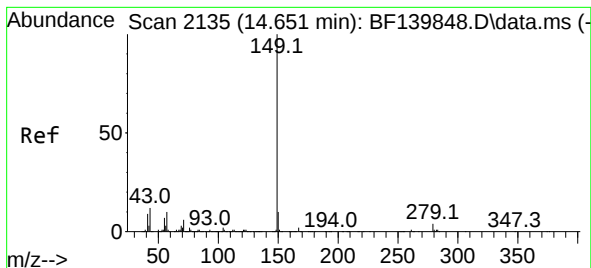
Ion Ratio Lower Upper

149 100

167 27.5 21.4 32.0

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 57.050 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

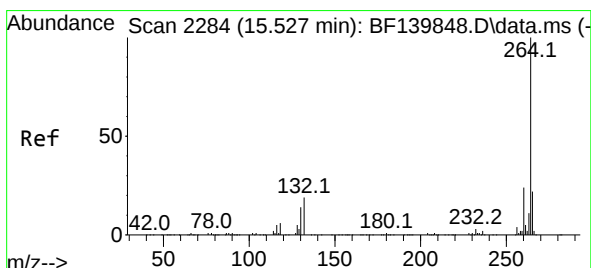
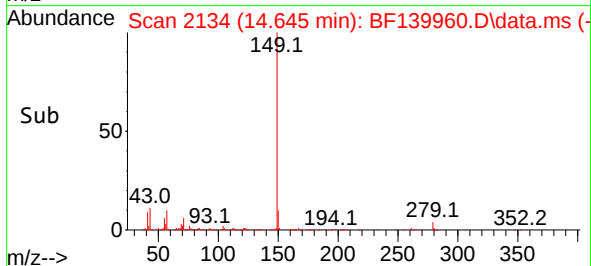
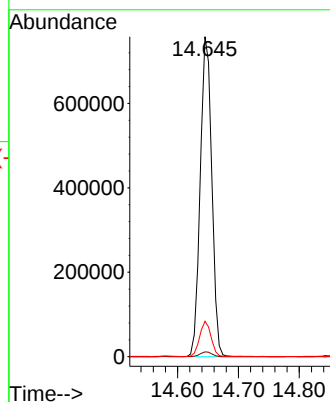
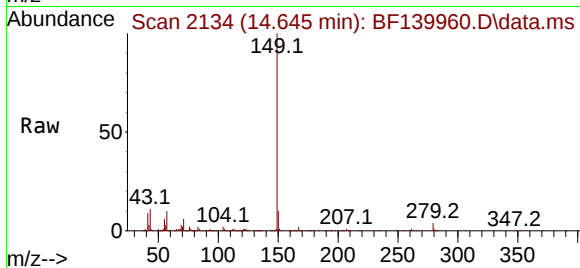
Tgt Ion:149 Resp: 995907

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 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: BF139960.D

Acq: 23 Oct 2024 13:07

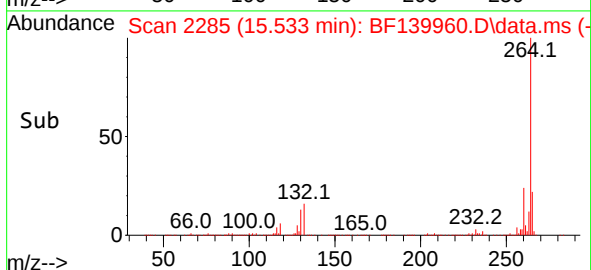
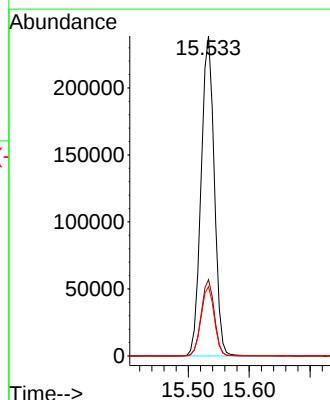
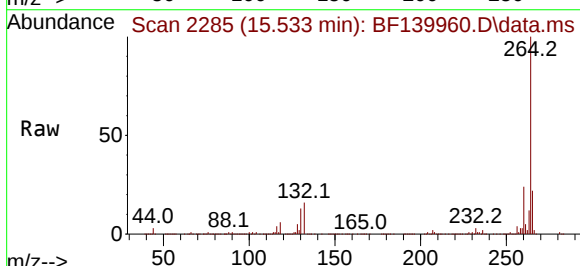
Tgt Ion:264 Resp: 358287

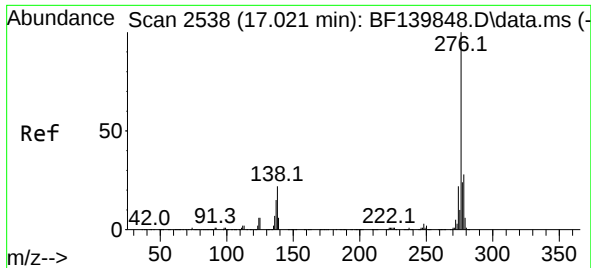
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.7 17.4 26.0

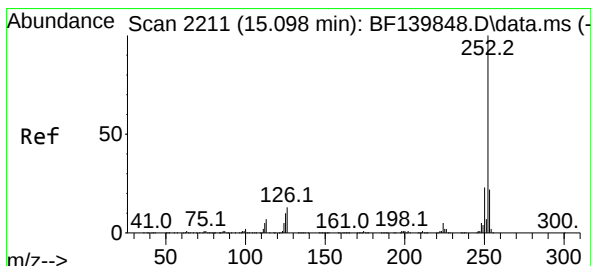
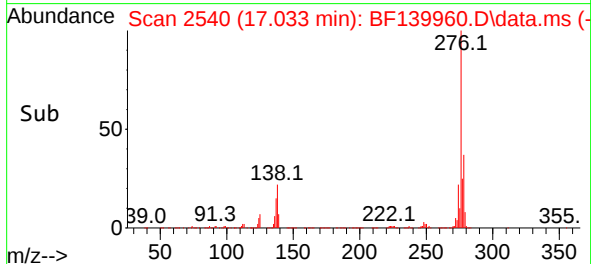
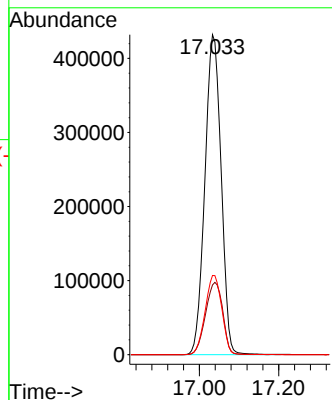
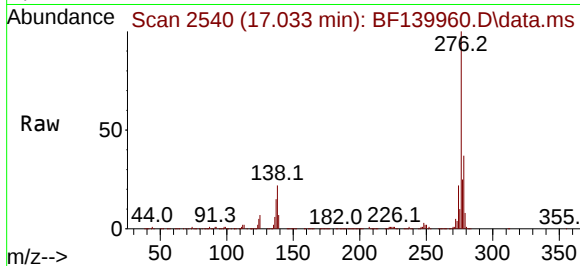




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.241 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

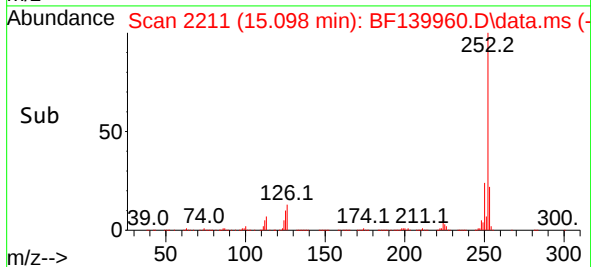
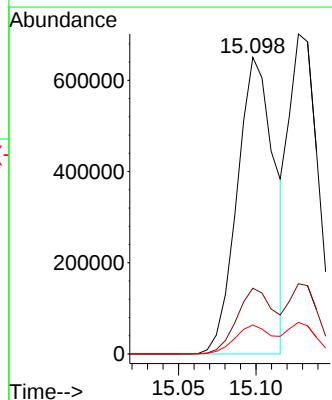
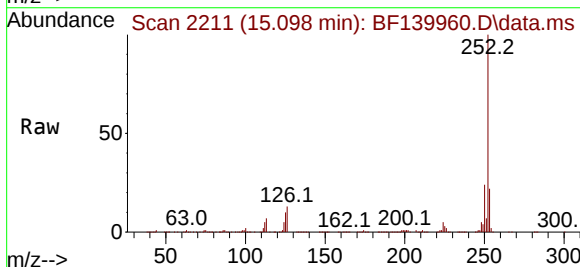
Instrument :
BNA_F
ClientSampleId :
PB164154BS

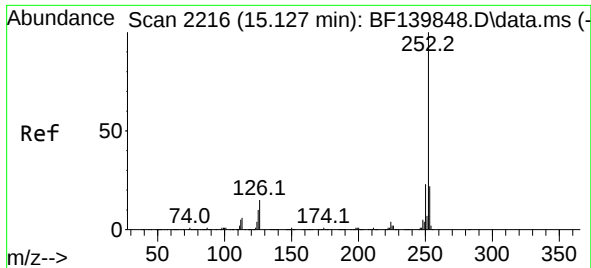
Tgt Ion:276 Resp: 1227173
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.5 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 49.799 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:252 Resp: 1086886
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.7 7.9 11.9

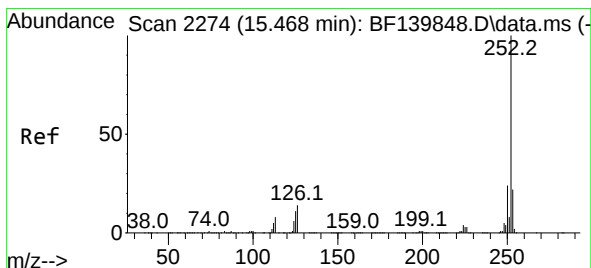
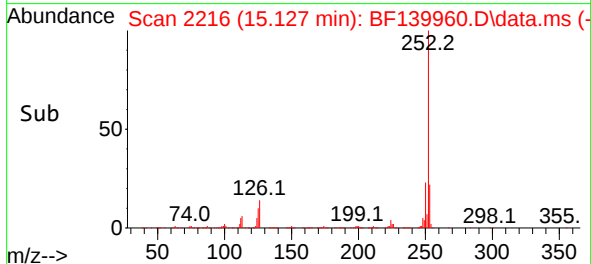
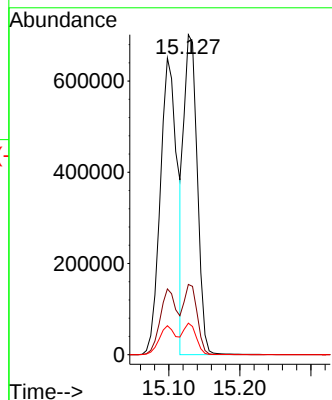
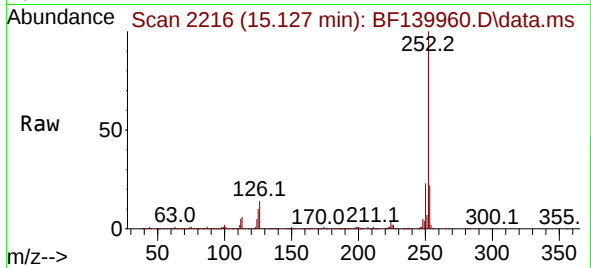




#89
Benzo(k)fluoranthene
Concen: 48.678 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

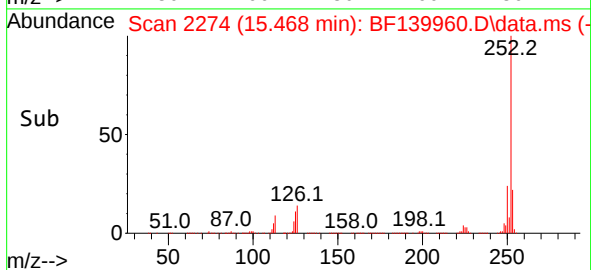
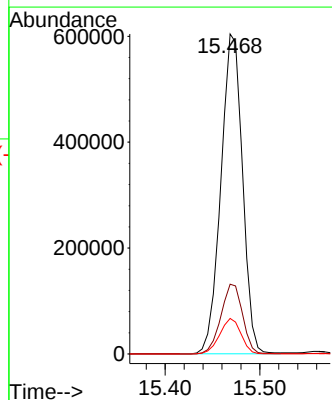
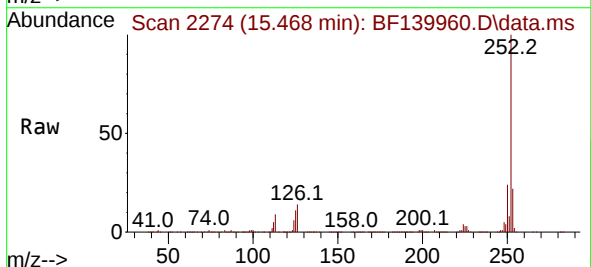
Instrument :
BNA_F
ClientSampleId :
PB164154BS

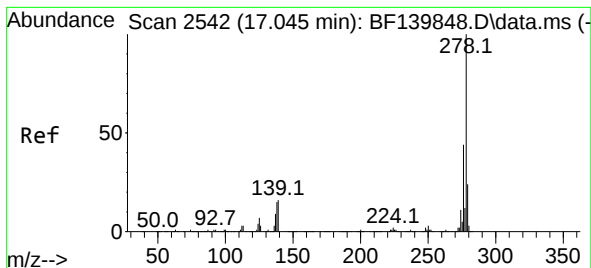
Tgt Ion:252 Resp: 916238
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.9 7.9 11.9



#90
Benzo(a)pyrene
Concen: 53.462 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139960.D
Acq: 23 Oct 2024 13:07

Tgt Ion:252 Resp: 960094
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 11.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 52.319 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

PB164154BS

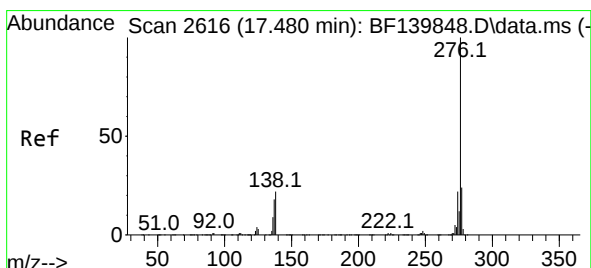
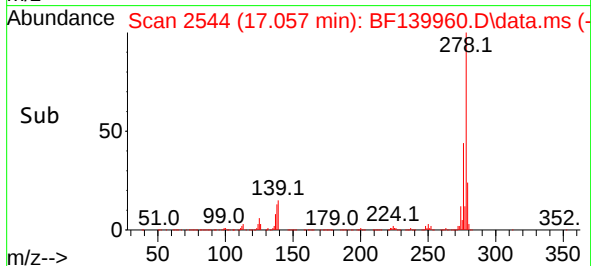
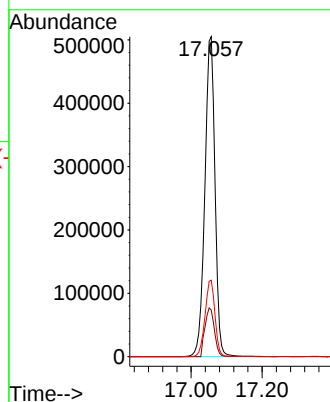
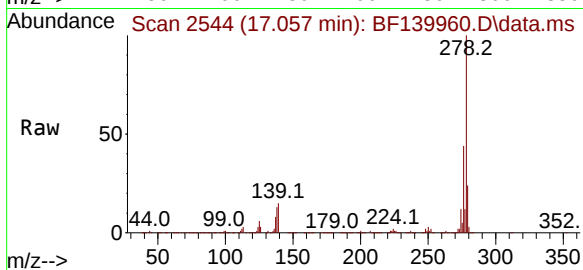
Tgt Ion:278 Resp: 1006006

Ion Ratio Lower Upper

278 100

139 14.5 13.1 19.7

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.514 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF139960.D

Acq: 23 Oct 2024 13:07

Tgt Ion:276 Resp: 931789

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 21.0 17.4 26.0

