

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139361.D
 Acq On : 14 Sep 2024 11:22
 Operator : RC/JU
 Sample : PB163318BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163318BS

Quant Time: Sep 16 01:51:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	110670	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	412789	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	223873	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	416538	20.000	ng	0.00
76) Chrysene-d12	14.039	240	219329	20.000	ng	0.00
86) Perylene-d12	15.504	264	196396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	813473	119.911	ng	0.02
7) Phenol-d6	6.522	99	1038473	116.625	ng	0.02
23) Nitrobenzene-d5	7.451	82	697503	79.437	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	293248	123.038	ng	0.01
45) 2-Fluorobiphenyl	9.245	172	1241830	77.798	ng	0.01
79) Terphenyl-d14	12.986	244	1145944	85.759	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	65388	24.024	ng	99
3) Pyridine	3.516	79	157273	26.209	ng	99
4) n-Nitrosodimethylamine	3.481	42	220357	42.366	ng	97
6) Aniline	6.545	93	157081	23.376	ng	# 1
8) 2-Chlorophenol	6.669	128	304569	43.614	ng	99
9) Benzaldehyde	6.428	77	25156	4.890	ng	98
10) Phenol	6.540	94	396843	43.758	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	287793	41.752	ng	100
12) 1,3-Dichlorobenzene	6.822	146	321077	40.428	ng	99
13) 1,4-Dichlorobenzene	6.898	146	330986	41.241	ng	100
14) 1,2-Dichlorobenzene	7.051	146	312492	41.207	ng	99
15) Benzyl Alcohol	7.028	79	311948	43.911	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	475779	44.788	ng	80
17) 2-Methylphenol	7.139	107	240696	43.382	ng	95
18) Hexachloroethane	7.392	117	126295	41.316	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	237797	45.066	ng	100
20) 3+4-Methylphenols	7.292	107	326880	43.184	ng	99
22) Acetophenone	7.298	105	423515	39.245	ng	99
24) Nitrobenzene	7.469	77	365707	40.467	ng	99
25) Isophorone	7.704	82	606929	43.706	ng	99
26) 2-Nitrophenol	7.781	139	159336	45.255	ng	98
27) 2,4-Dimethylphenol	7.816	122	213891	46.055	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	336259	42.487	ng	98
29) 2,4-Dichlorophenol	8.022	162	253292	42.931	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	277545	40.373	ng	99
31) Naphthalene	8.186	128	890955	41.344	ng	100
32) Benzoic acid	7.969	122	181389	41.735	ng	98
33) 4-Chloroaniline	8.239	127	137516	20.859	ng	100
34) Hexachlorobutadiene	8.298	225	182100	38.990	ng	100
35) Caprolactam	8.628	113	41444	22.835	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	287315	42.610	ng	99
37) 2-Methylnaphthalene	8.875	142	575633	42.083	ng	99
38) 1-Methylnaphthalene	8.975	142	531005	39.541	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	263901	39.775	ng	99
41) Hexachlorocyclopentadiene	9.028	237	221187	95.478	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	190390	44.106	ng	100

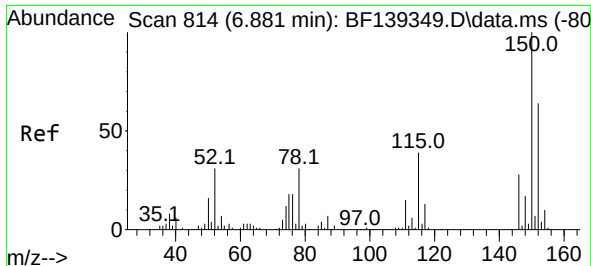
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	195502	42.936	ng	98
46) 1,1'-Biphenyl	9.345	154	669937	38.897	ng	98
47) 2-Chloronaphthalene	9.369	162	533251	41.409	ng	98
48) 2-Nitroaniline	9.463	65	211062	44.065	ng	96
49) Acenaphthylene	9.780	152	880682	45.432	ng	99
50) Dimethylphthalate	9.651	163	637835	43.409	ng	99
51) 2,6-Dinitrotoluene	9.710	165	137256	42.166	ng	98
52) Acenaphthene	9.957	154	631902	46.706	ng	100
53) 3-Nitroaniline	9.875	138	103908	31.941	ng	97
54) 2,4-Dinitrophenol	9.980	184	168597	92.951	ng	93
55) Dibenzofuran	10.128	168	803238	42.596	ng	98
56) 4-Nitrophenol	10.039	139	213556	79.336	ng	97
57) 2,4-Dinitrotoluene	10.110	165	189340	43.084	ng	92
58) Fluorene	10.469	166	656078	42.642	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	166552	44.218	ng	98
60) Diethylphthalate	10.345	149	662804	43.711	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	314931	42.118	ng	99
62) 4-Nitroaniline	10.498	138	132738	37.387	ng	97
63) Azobenzene	10.622	77	650201	43.597	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	108618	49.407	ng	96
66) n-Nitrosodiphenylamine	10.580	169	546772	44.898	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	184223	44.630	ng	99
68) Hexachlorobenzene	11.010	284	207239	42.778	ng	98
69) Atrazine	11.104	200	113892	39.284	ng	97
70) Pentachlorophenol	11.204	266	247799	85.246	ng	98
71) Phenanthrene	11.427	178	872793	43.431	ng	99
72) Anthracene	11.480	178	866658	44.108	ng	99
73) Carbazole	11.633	167	778105	41.376	ng	99
74) Di-n-butylphthalate	11.963	149	933806	44.576	ng	100
75) Fluoranthene	12.610	202	830460	38.696	ng	98
77) Benzidine	12.733	184	13249	4.216	ng	97
78) Pyrene	12.839	202	818875	43.482	ng	99
80) Butylbenzylphthalate	13.457	149	297710	46.444	ng	99
81) Benzo(a)anthracene	14.027	228	648523	44.639	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	155492	36.547	ng	99
83) Chrysene	14.063	228	597207	44.681	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	382971	46.964	ng	100
85) Di-n-octyl phthalate	14.627	149	612543	51.006	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	611448	52.358	ng	99
88) Benzo(b)fluoranthene	15.074	252	613800	50.675	ng	99
89) Benzo(k)fluoranthene	15.110	252	548732	49.134	ng	99
90) Benzo(a)pyrene	15.445	252	532249	52.984	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	512203	53.078	ng	99
92) Benzo(g,h,i)perylene	17.433	276	460660	48.212	ng	99

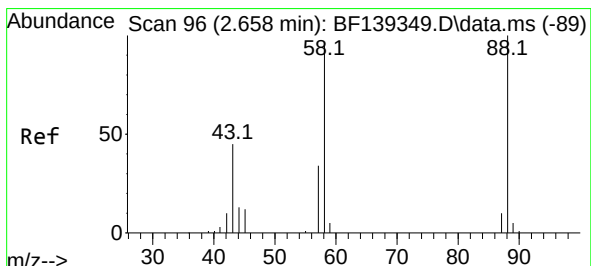
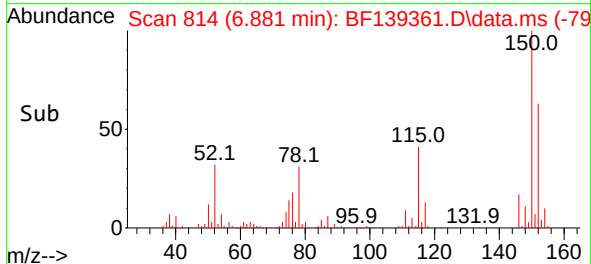
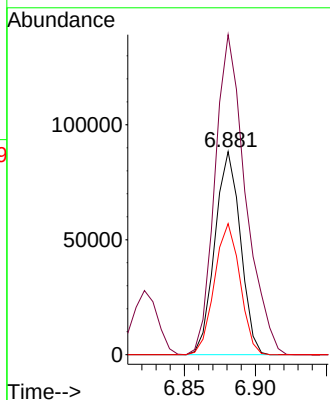
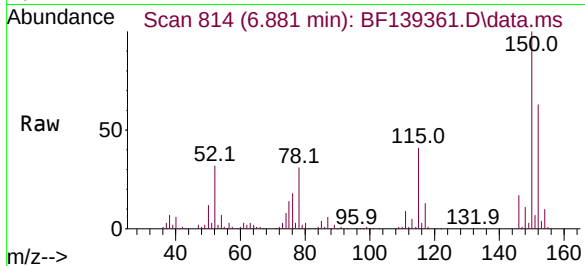
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF139361.D
 Acq: 14 Sep 2024 11:22

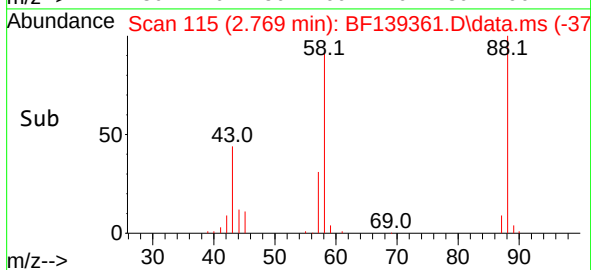
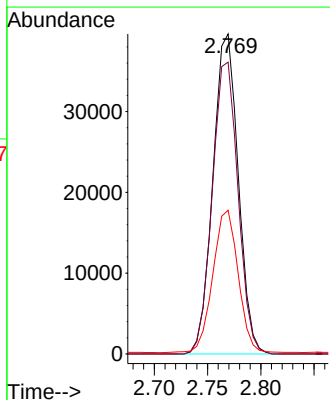
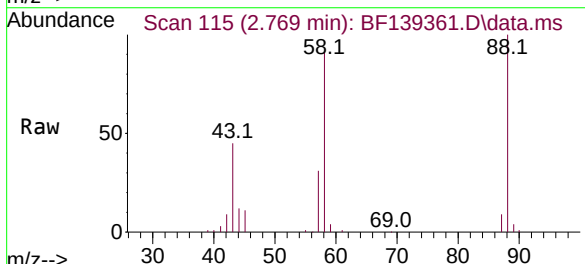
Instrument :
 BNA_F
 ClientSampleId :
 PB163318BS

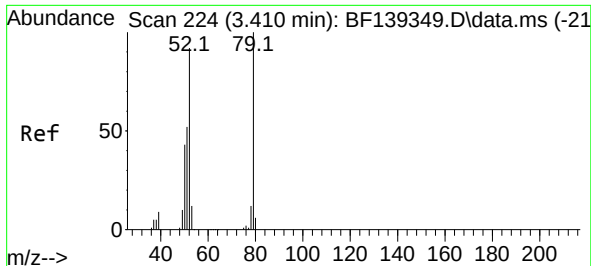
Tgt Ion:152 Resp: 110670
 Ion Ratio Lower Upper
 152 100
 150 157.7 124.1 186.1
 115 64.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 24.024 ng
 RT: 2.769 min Scan# 115
 Delta R.T. 0.112 min
 Lab File: BF139361.D
 Acq: 14 Sep 2024 11:22

Tgt Ion: 88 Resp: 65388
 Ion Ratio Lower Upper
 88 100
 58 92.8 74.8 112.2
 43 44.6 36.4 54.6





#3

Pyridine

Concen: 26.209 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

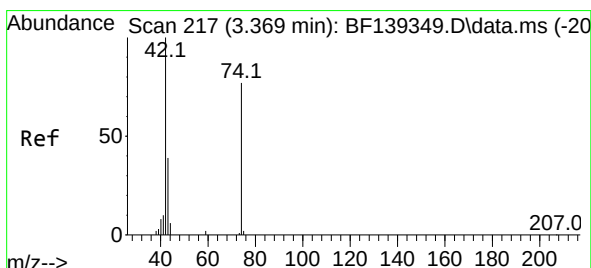
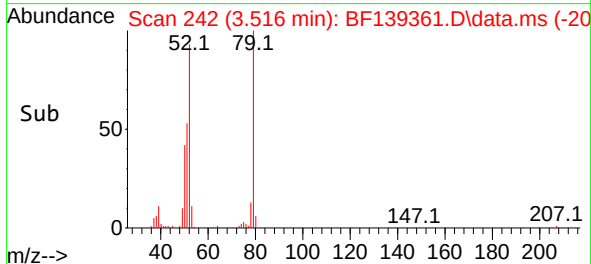
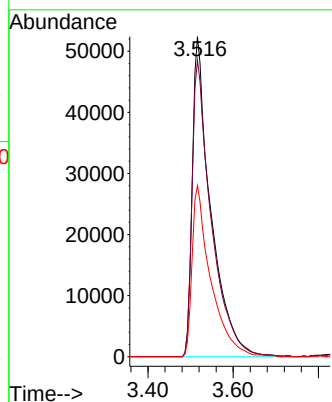
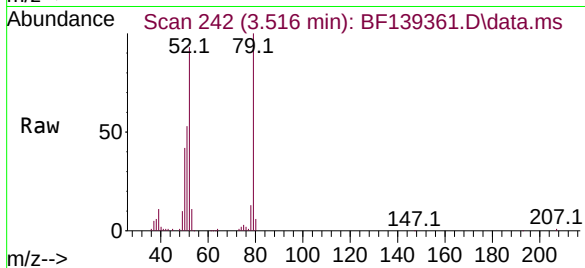
Tgt Ion: 79 Resp: 157273

Ion Ratio Lower Upper

79 100

52 92.7 73.8 110.8

51 53.5 41.8 62.6



#4

n-Nitrosodimethylamine

Concen: 42.366 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

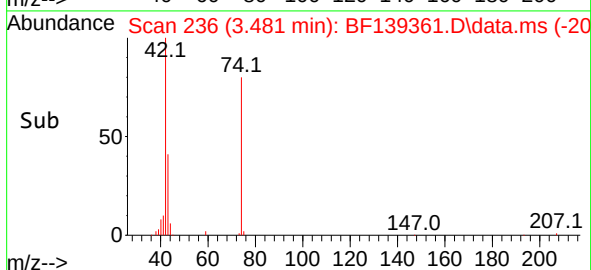
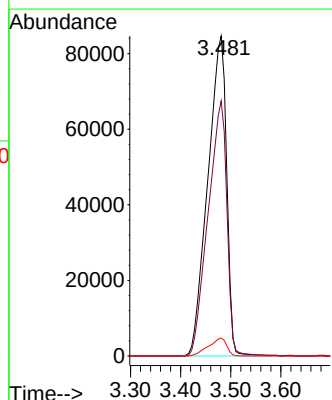
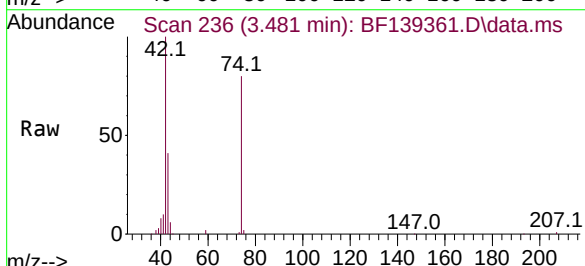
Tgt Ion: 42 Resp: 220357

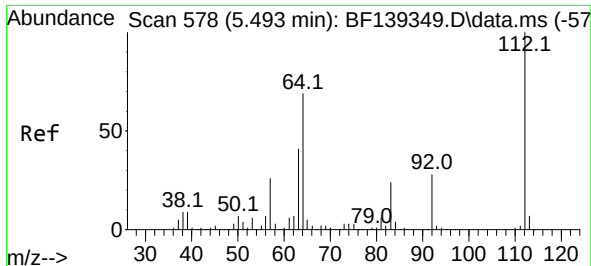
Ion Ratio Lower Upper

42 100

74 79.7 61.8 92.8

44 5.6 4.8 7.2

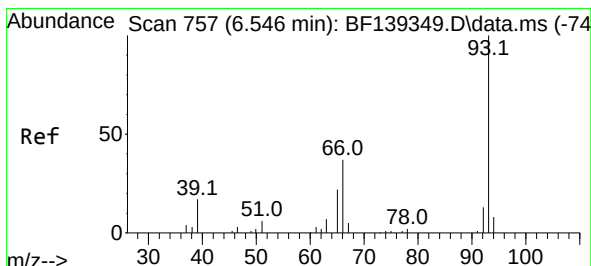
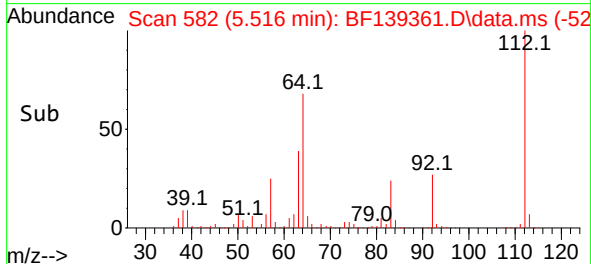
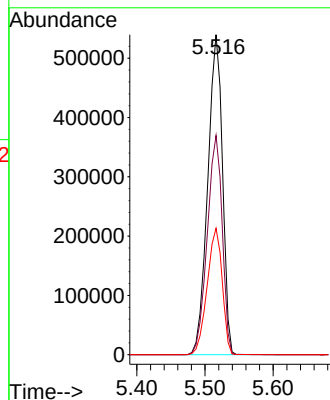
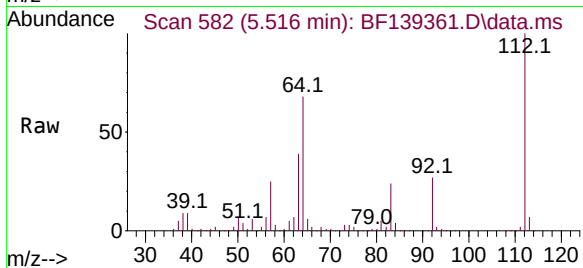




#5
2-Fluorophenol
Concen: 119.911 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

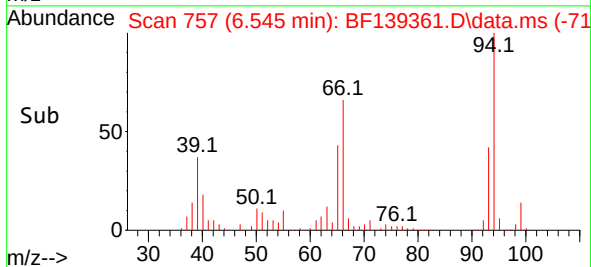
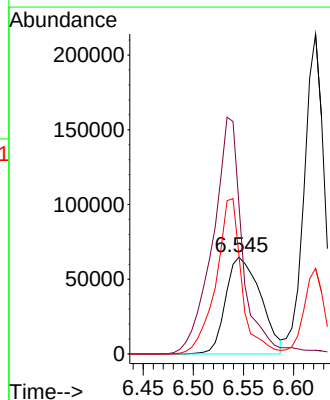
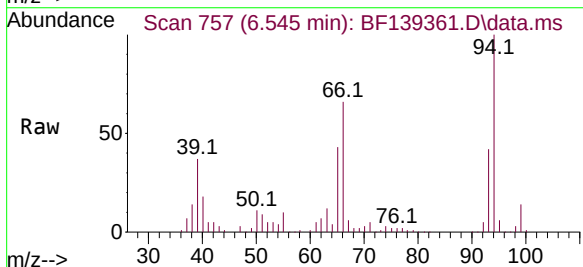
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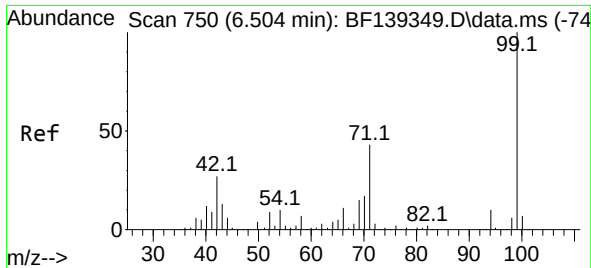
Tgt Ion:112 Resp: 813473
Ion Ratio Lower Upper
112 100
64 68.5 54.8 82.2
63 39.5 33.0 49.4



#6
Aniline
Concen: 23.376 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.024 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion: 93 Resp: 157081
Ion Ratio Lower Upper
93 100
66 154.7 35.4 53.0#
65 102.1 18.2 27.4#

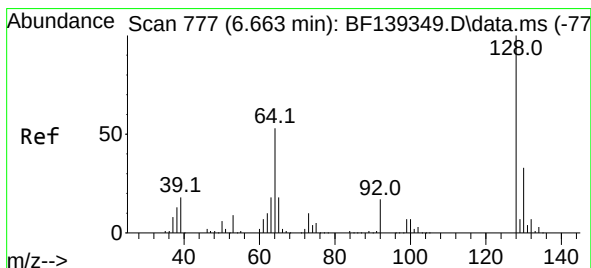
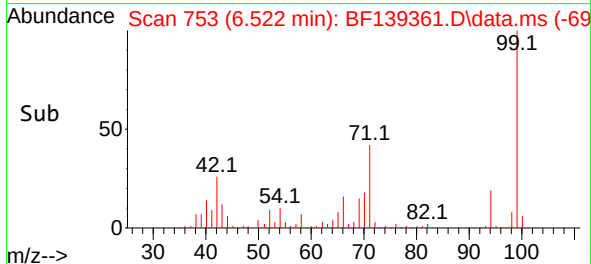
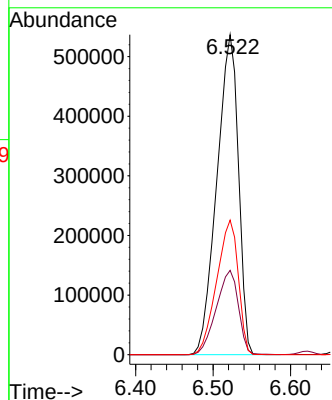
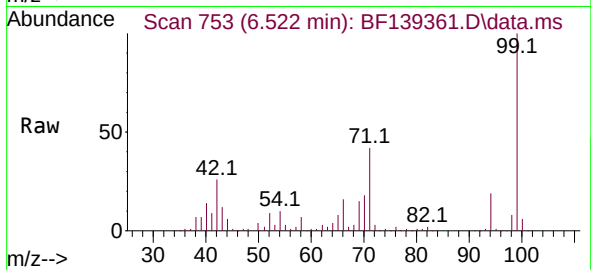




#7
Phenol-d6
Concen: 116.625 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

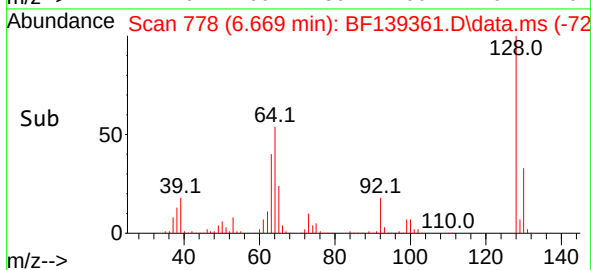
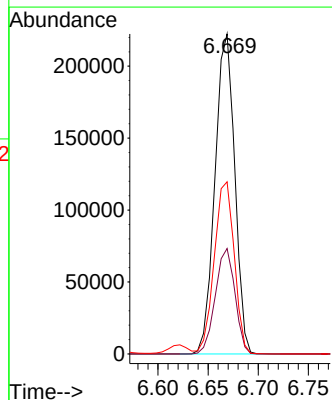
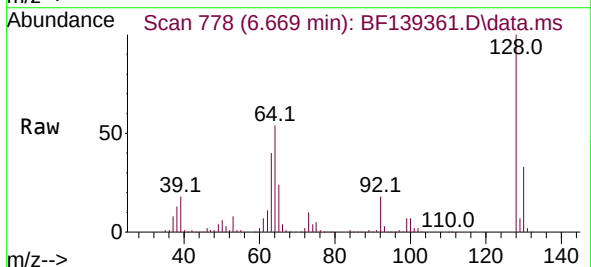
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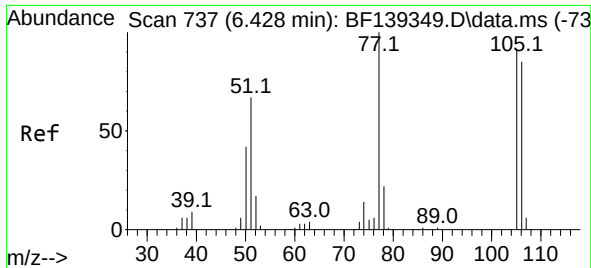
Tgt Ion: 99 Resp: 1038473
Ion Ratio Lower Upper
99 100
42 26.3 21.9 32.9
71 42.1 34.6 52.0



#8
2-Chlorophenol
Concen: 43.614 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:128 Resp: 304569
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 53.8 35.1 75.1





#9

Benzaldehyde

Concen: 4.890 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

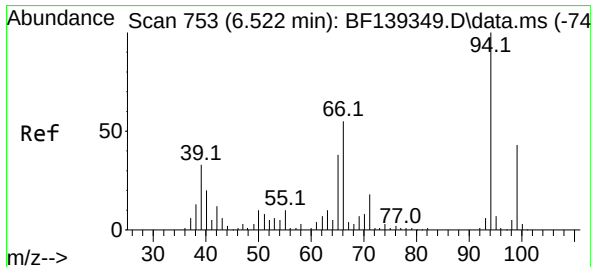
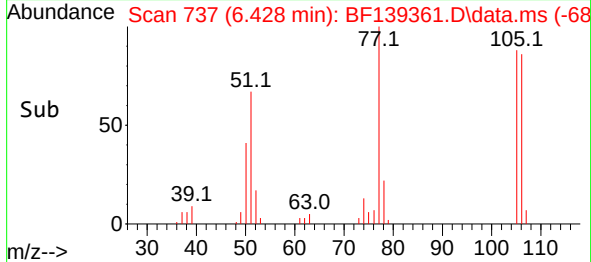
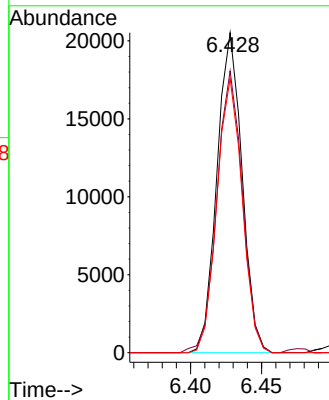
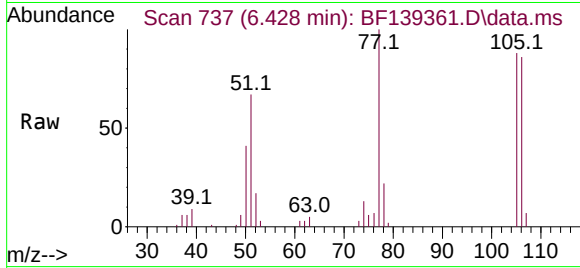
Tgt Ion: 77 Resp: 25156

Ion Ratio Lower Upper

77 100

105 88.0 71.0 111.0

106 85.7 64.9 104.9



#10

Phenol

Concen: 43.758 ng

RT: 6.540 min Scan# 756

Delta R.T. 0.018 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

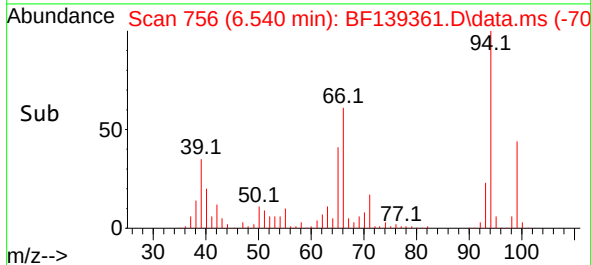
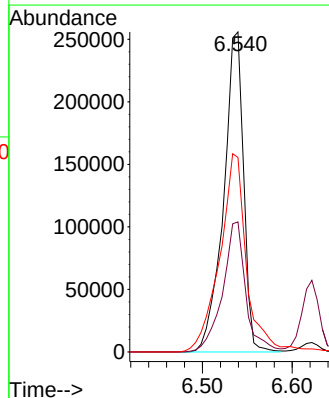
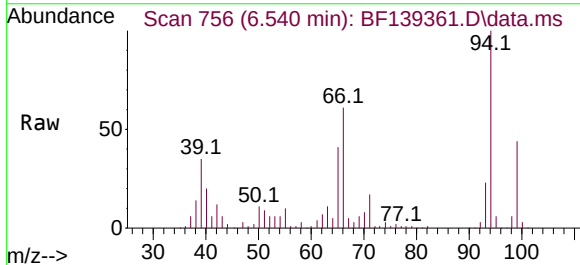
Tgt Ion: 94 Resp: 396843

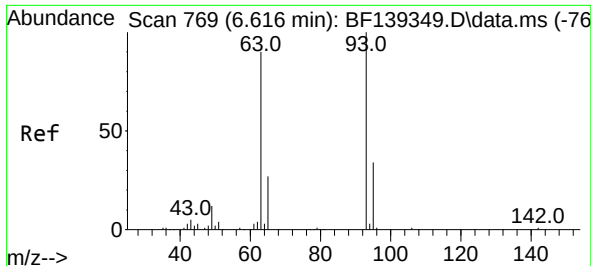
Ion Ratio Lower Upper

94 100

65 40.6 17.6 57.6

66 60.8 35.2 75.2

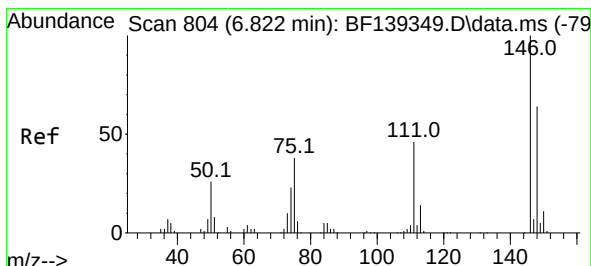
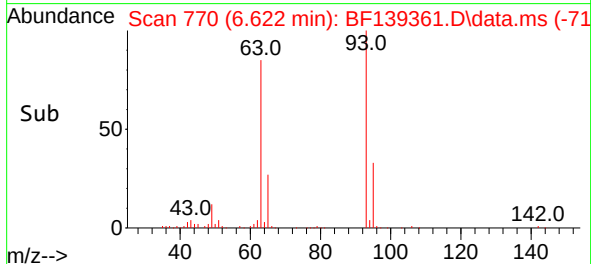
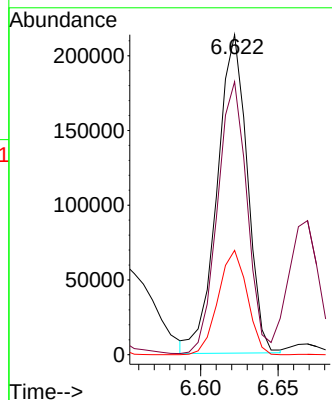
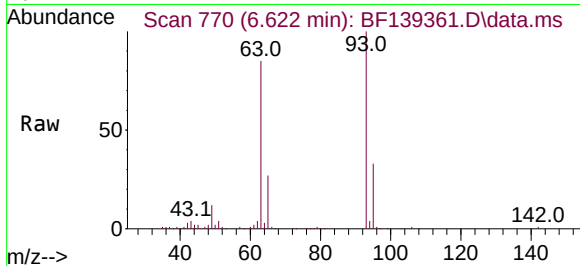




#11
bis(2-Chloroethyl)ether
Concen: 41.752 ng
RT: 6.622 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

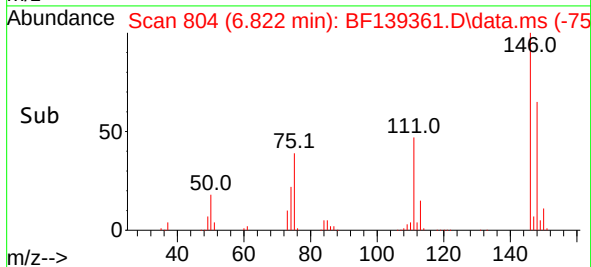
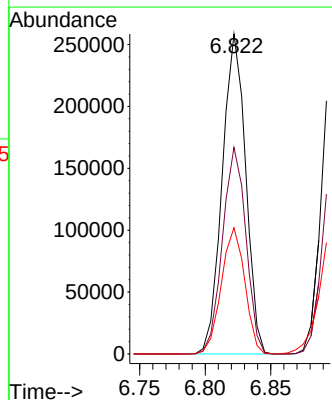
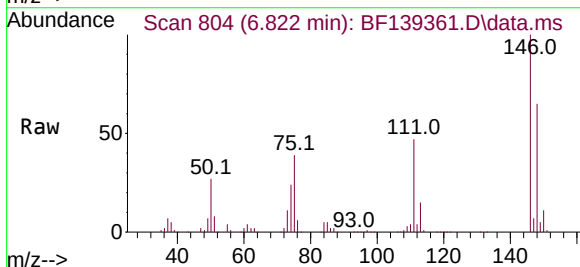
Instrument :
BNA_F
ClientSampleId :
PB163318BS

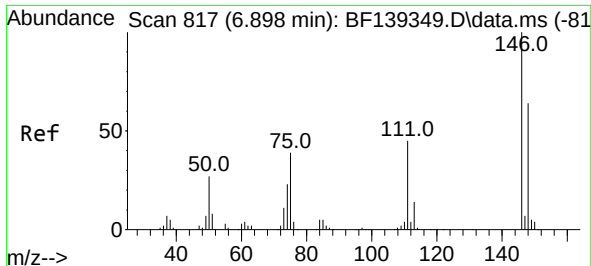
Tgt Ion: 93 Resp: 287793
Ion Ratio Lower Upper
93 100
63 85.3 65.3 105.3
95 32.6 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.428 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion: 146 Resp: 321077
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
75 39.5 30.6 46.0

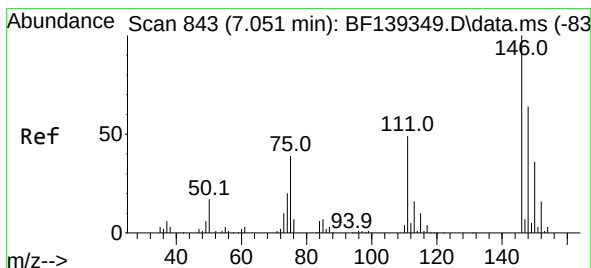
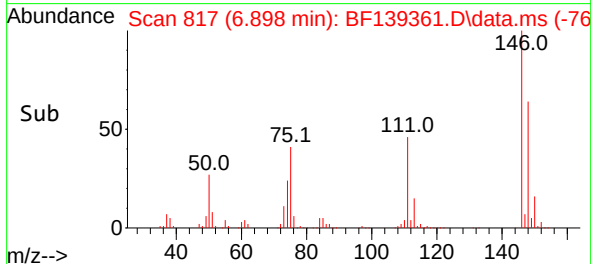
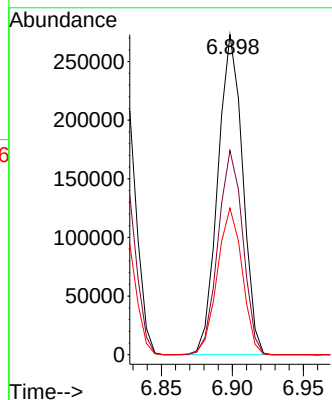
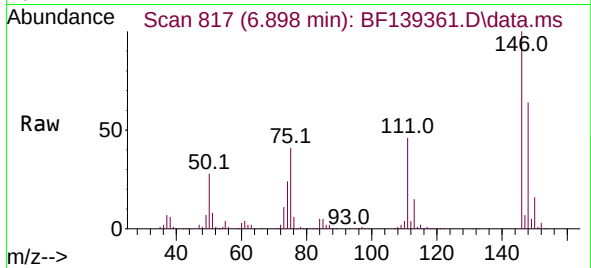




#13
1,4-Dichlorobenzene
Concen: 41.241 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

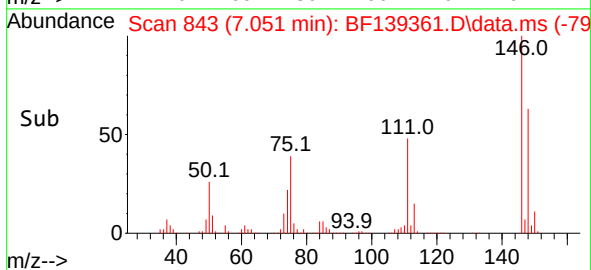
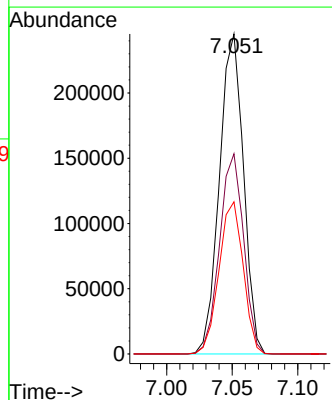
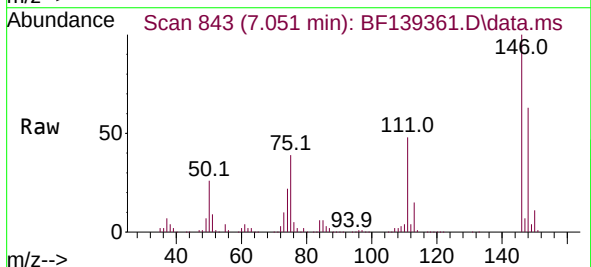
Instrument :
BNA_F
ClientSampleId :
PB163318BS

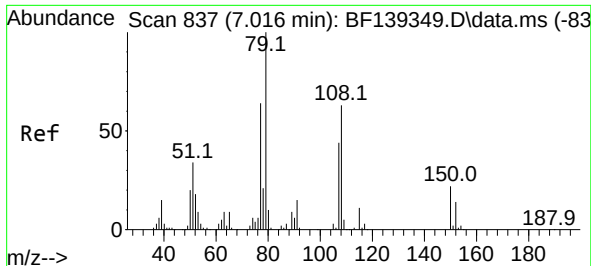
Tgt Ion:146 Resp: 330986
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
111 45.8 36.3 54.5



#14
1,2-Dichlorobenzene
Concen: 41.207 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:146 Resp: 312492
Ion Ratio Lower Upper
146 100
148 62.6 50.9 76.3
111 47.5 38.9 58.3

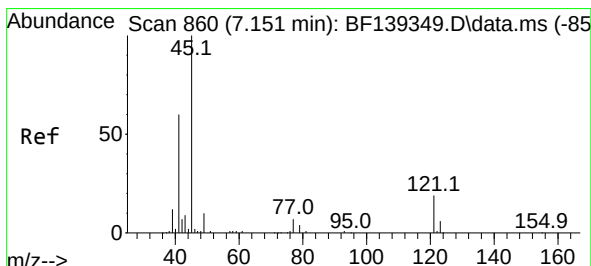
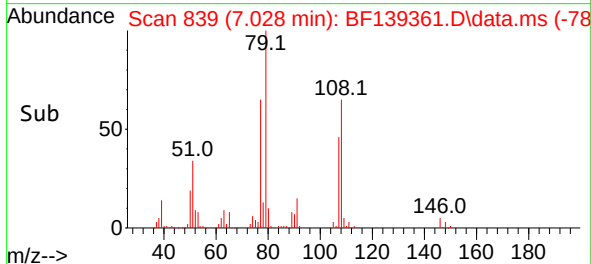
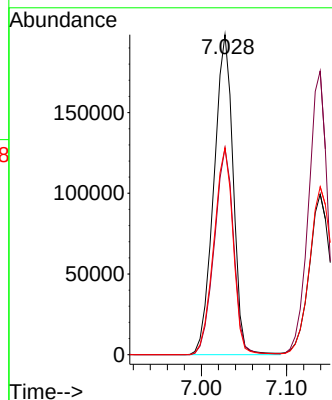
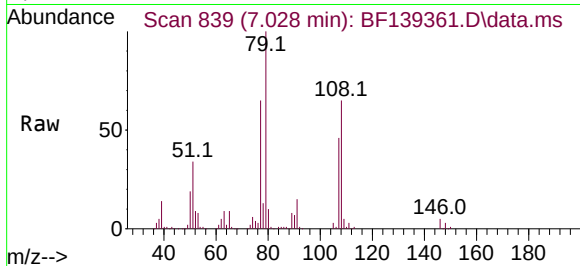




#15
Benzyl Alcohol
Concen: 43.911 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

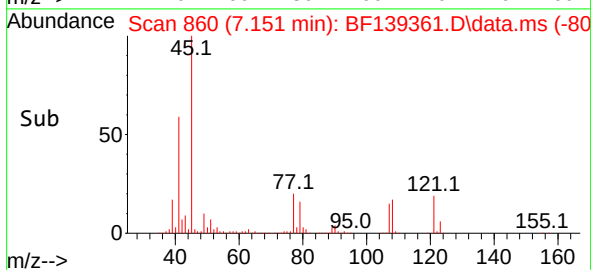
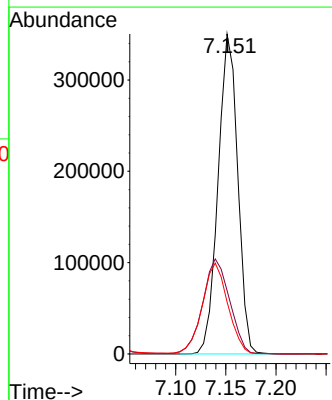
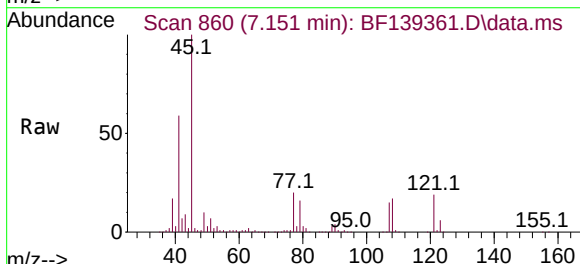
Instrument :
BNA_F
ClientSampleId :
PB163318BS

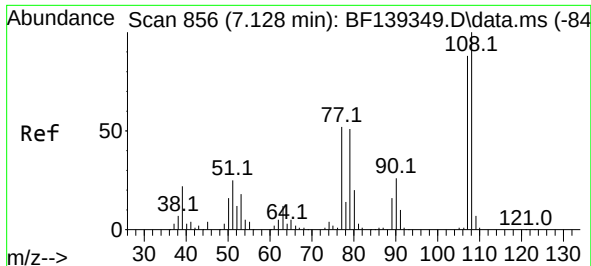
Tgt Ion: 79 Resp: 311948
Ion Ratio Lower Upper
79 100
108 64.6 50.4 75.6
77 64.6 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.788 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

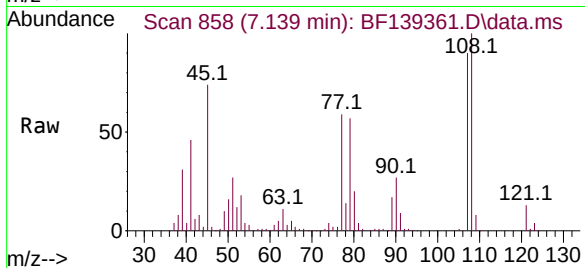
Tgt Ion: 45 Resp: 475779
Ion Ratio Lower Upper
45 100
77 19.8 0.0 32.0
79 16.3 0.0 29.1



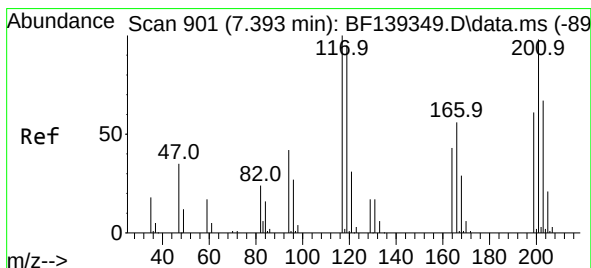
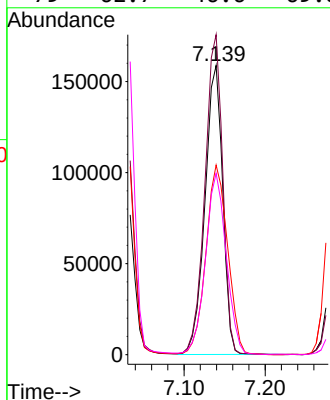
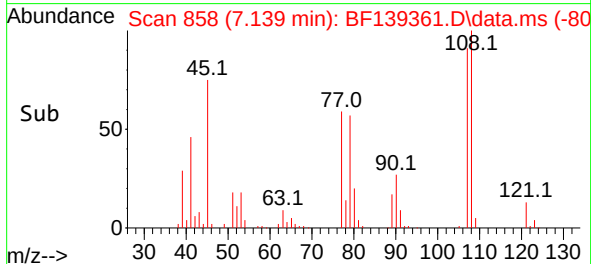


#17
2-Methylphenol
Concen: 43.382 ng
RT: 7.139 min Scan# 856
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

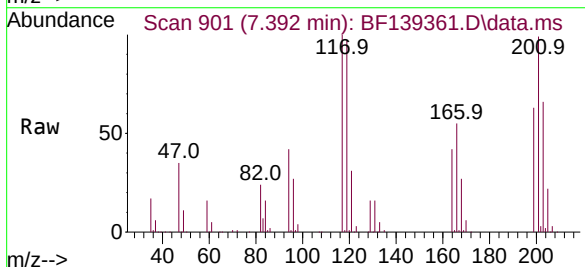
Instrument :
BNA_F
ClientSampleId :
PB163318BS



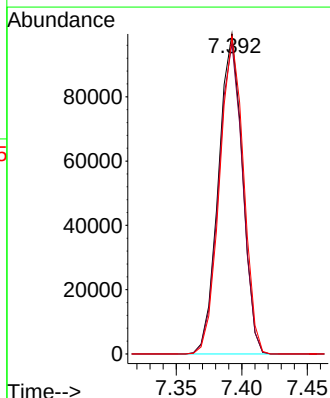
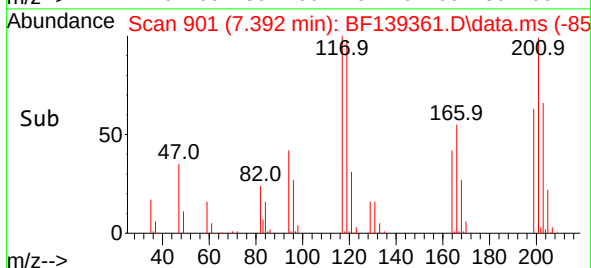
Tgt Ion:107 Resp: 240696
Ion Ratio Lower Upper
107 100
108 110.6 90.5 135.7
77 65.6 47.1 70.7
79 62.7 46.6 69.8

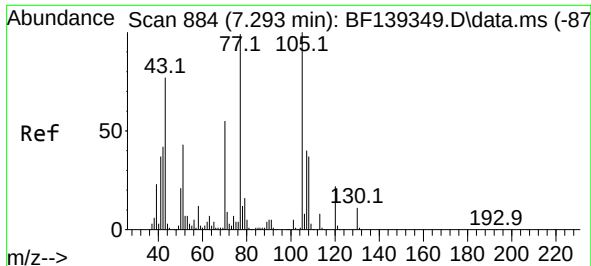


#18
Hexachloroethane
Concen: 41.316 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22



Tgt Ion:117 Resp: 126295
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 99.2 78.6 118.0

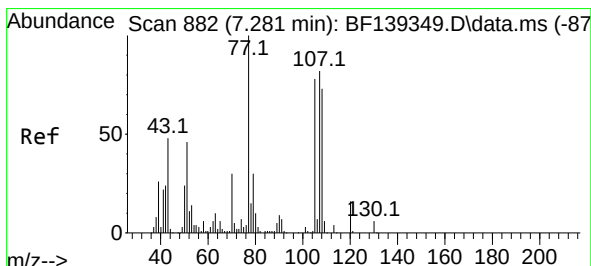
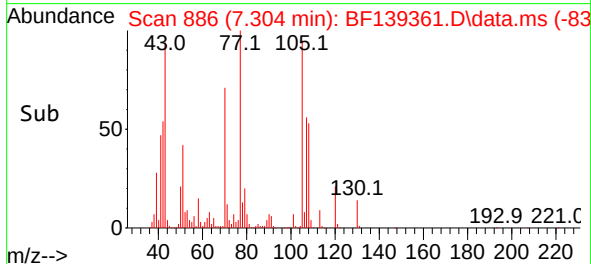
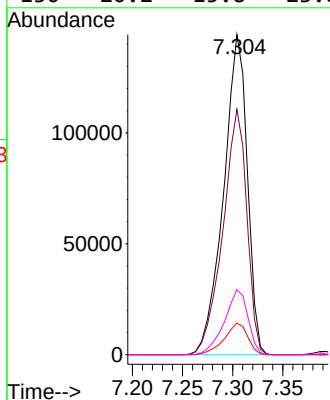
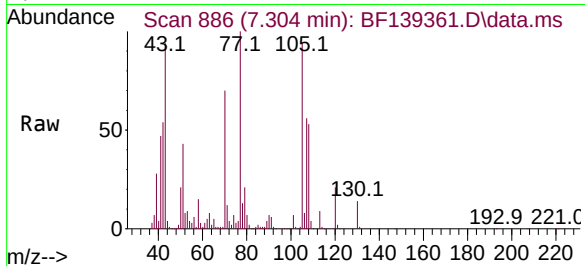




#19
n-Nitroso-di-n-propylamine
Concen: 45.066 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

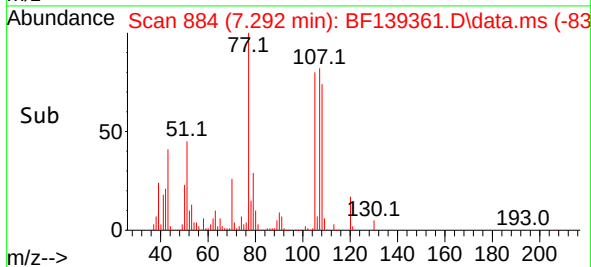
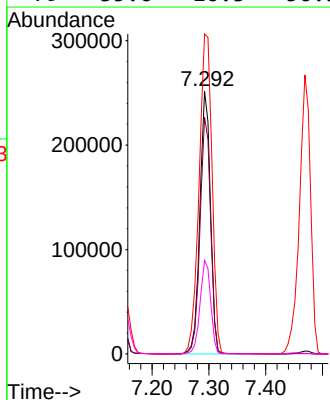
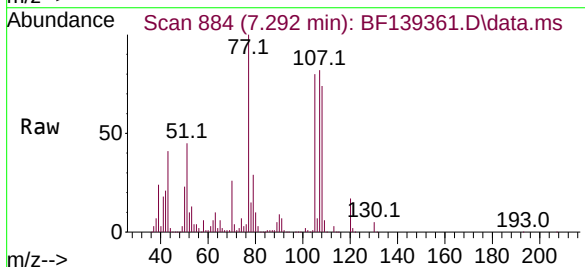
Instrument :
BNA_F
ClientSampleId :
PB163318BS

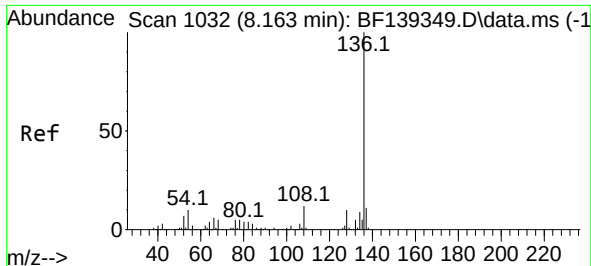
Tgt Ion: 70 Resp: 237797
Ion Ratio Lower Upper
70 100
42 76.7 61.2 91.8
101 9.9 7.5 11.3
130 20.2 15.8 23.8



#20
3+4-Methylphenols
Concen: 43.184 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion: 107 Resp: 326880
Ion Ratio Lower Upper
107 100
108 90.2 68.6 108.6
77 121.9 101.6 141.6
79 35.6 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

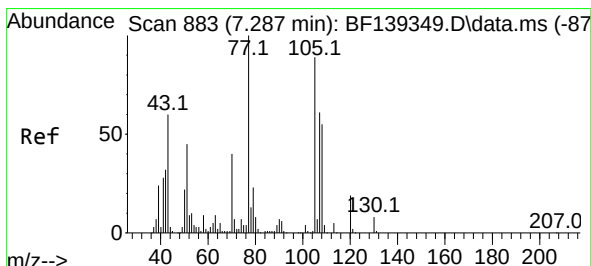
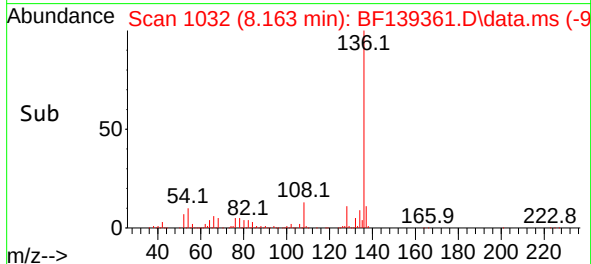
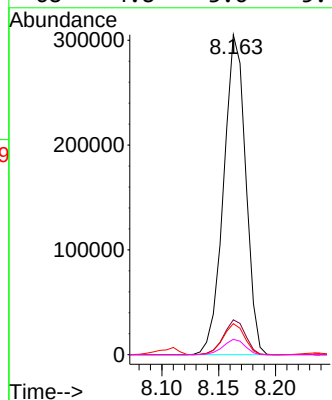
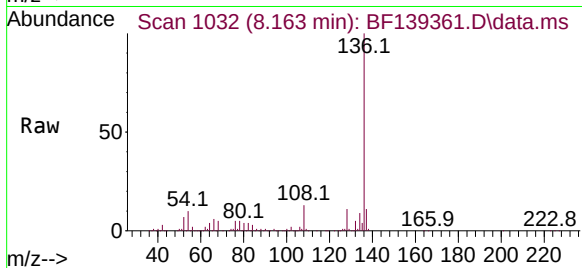
Instrument :

BNA_F

ClientSampleId :

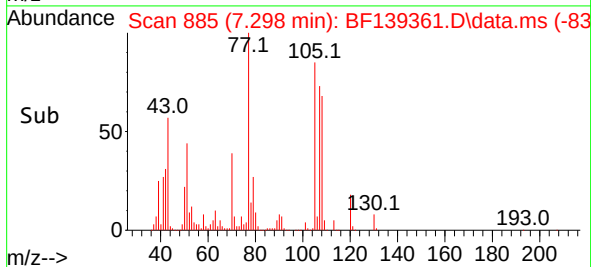
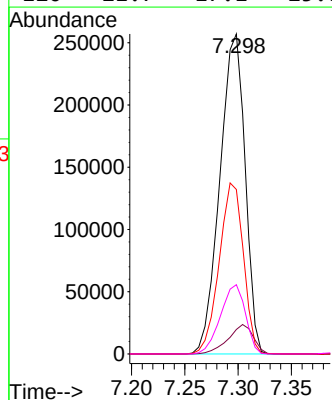
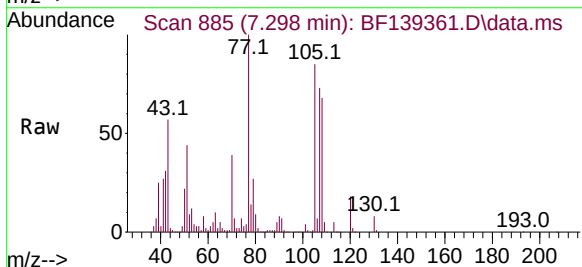
PB163318BS

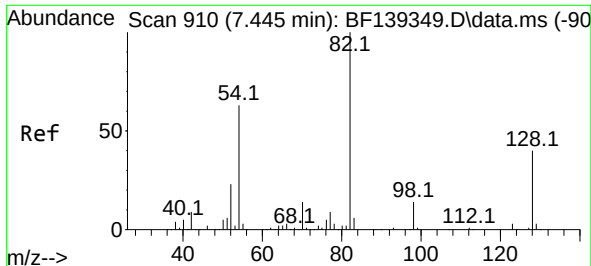
Tgt Ion:136 Resp: 412789
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 7.8 11.8
68 4.8 3.6 5.4



#22
Acetophenone
Concen: 39.245 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:105 Resp: 423515
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 51.4 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 79.437 ng

RT: 7.451 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

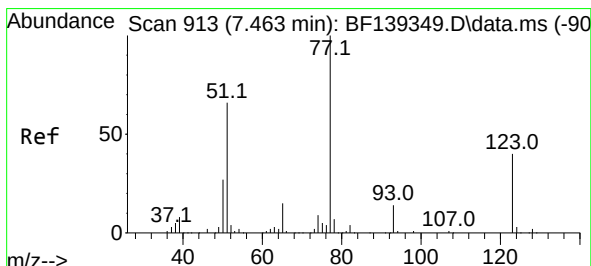
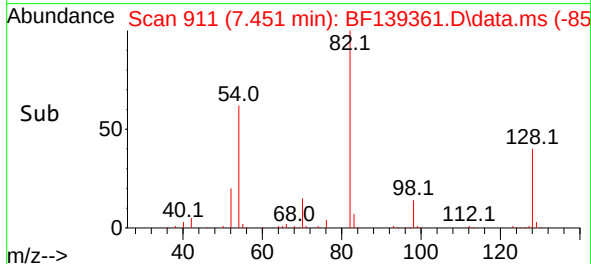
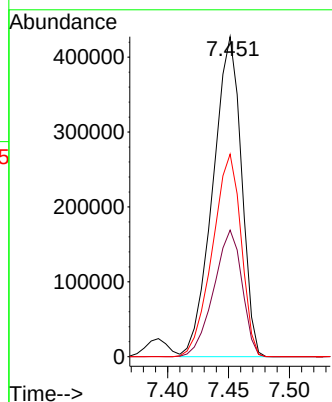
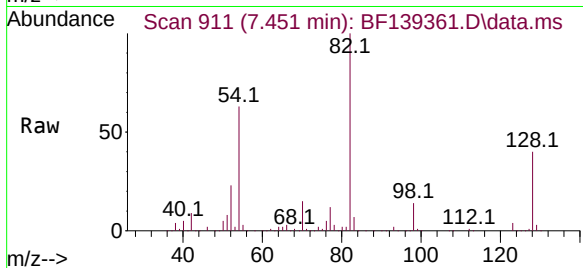
Tgt Ion: 82 Resp: 697503

Ion Ratio Lower Upper

82 100

128 39.5 31.8 47.6

54 63.3 50.6 75.8



#24

Nitrobenzene

Concen: 40.467 ng

RT: 7.469 min Scan# 914

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

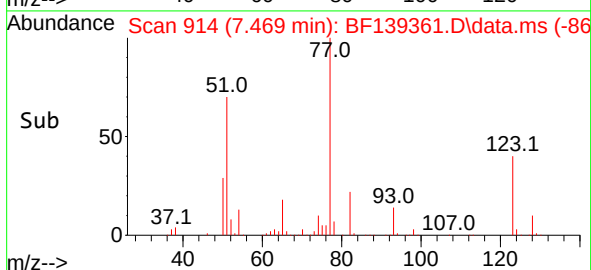
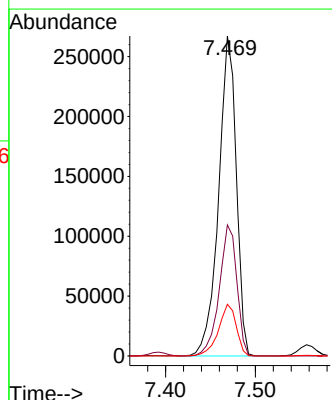
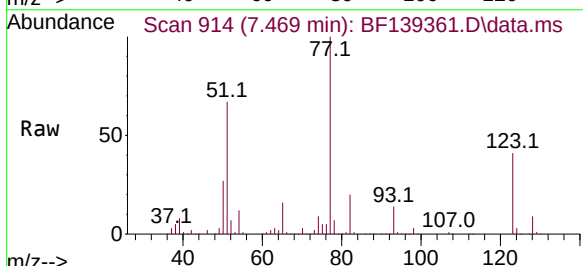
Tgt Ion: 77 Resp: 365707

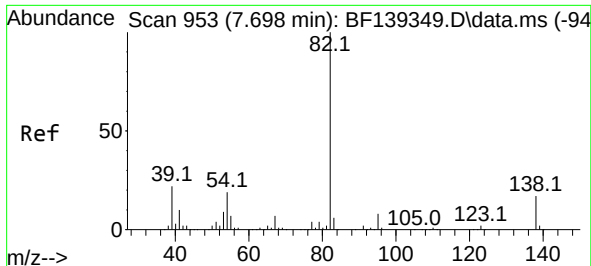
Ion Ratio Lower Upper

77 100

123 40.9 32.2 48.4

65 16.2 12.2 18.4

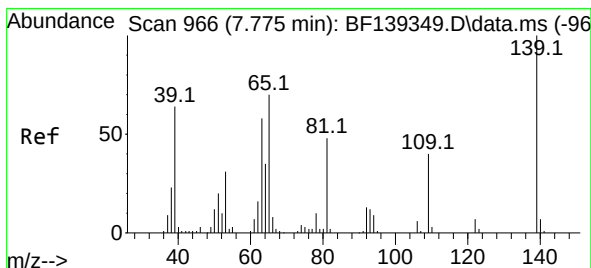
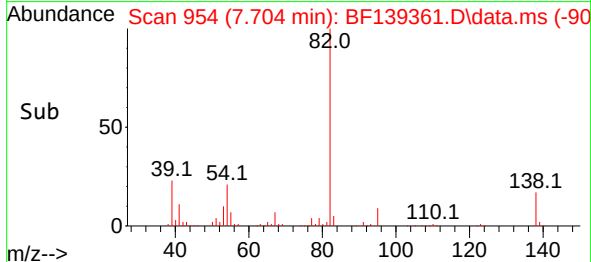
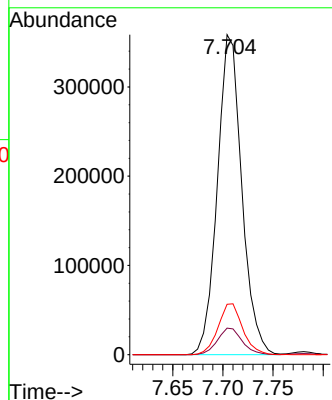
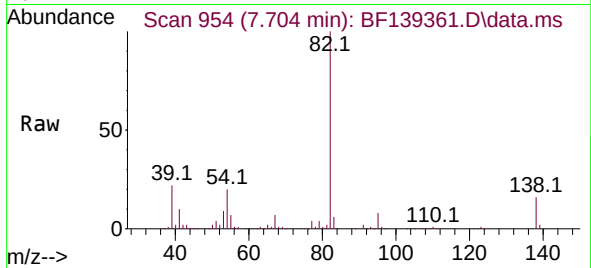




#25
Isophorone
Concen: 43.706 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

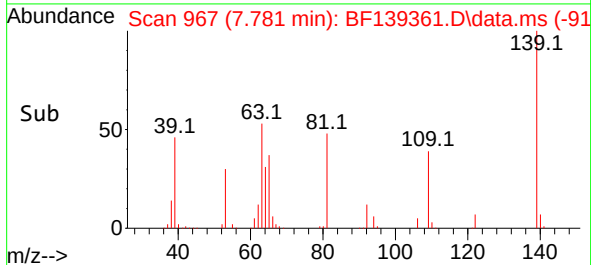
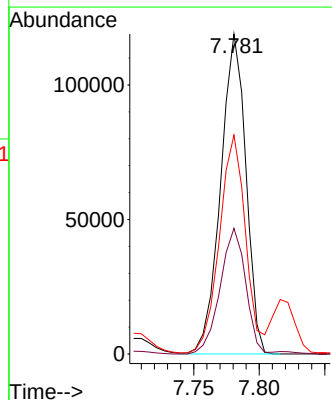
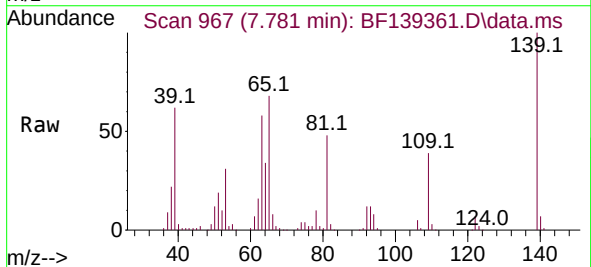
Instrument :
BNA_F
ClientSampleId :
PB163318BS

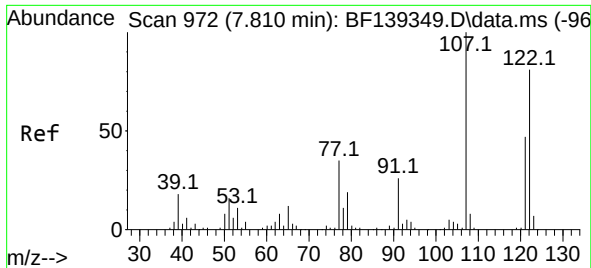
Tgt Ion: 82 Resp: 606929
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 15.8 13.3 19.9



#26
2-Nitrophenol
Concen: 45.255 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:139 Resp: 159336
Ion Ratio Lower Upper
139 100
109 39.3 32.2 48.2
65 68.4 55.8 83.8

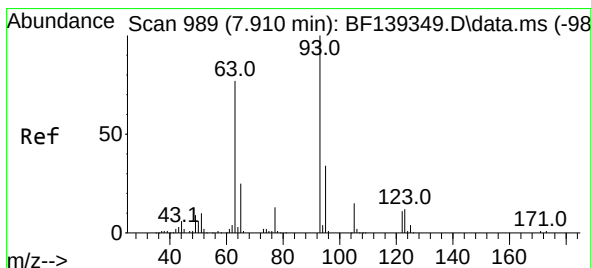
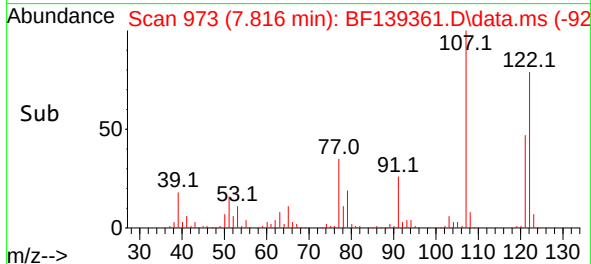
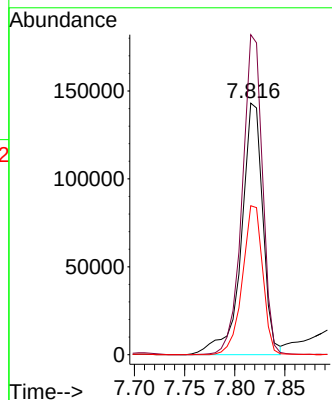
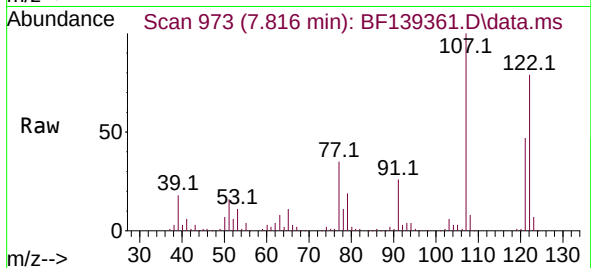




#27
2,4-Dimethylphenol
Concen: 46.055 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

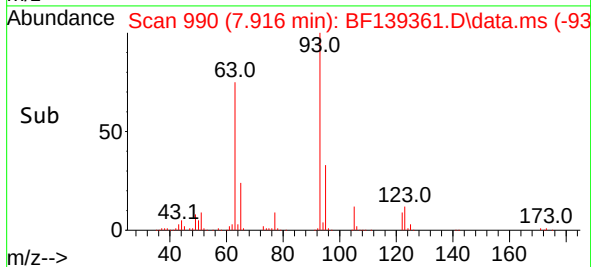
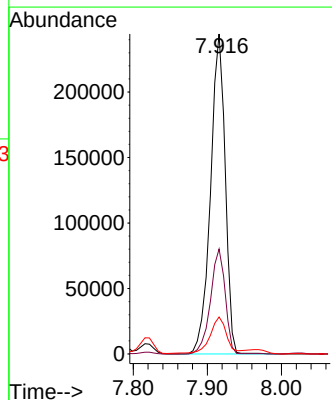
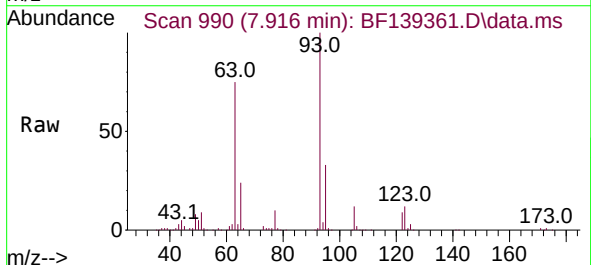
Instrument :
BNA_F
ClientSampleId :
PB163318BS

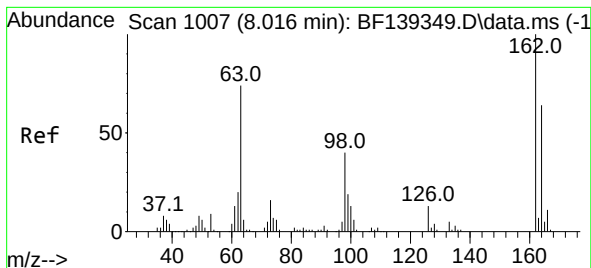
Tgt Ion:122 Resp: 213891
Ion Ratio Lower Upper
122 100
107 127.2 99.1 148.7
121 59.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.487 ng
RT: 7.916 min Scan# 990
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion: 93 Resp: 336259
Ion Ratio Lower Upper
93 100
95 32.8 26.9 40.3
123 11.5 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.931 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

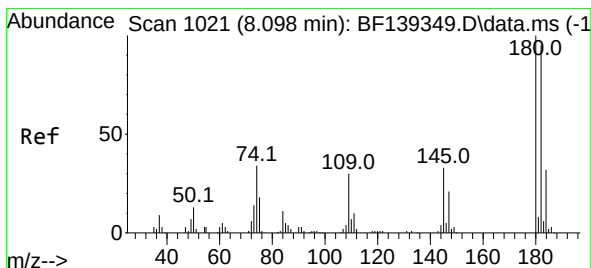
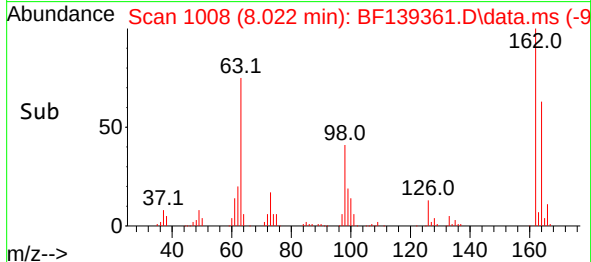
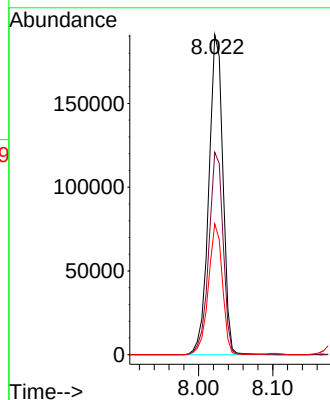
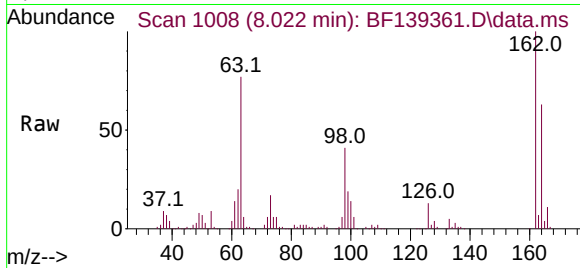
Tgt Ion:162 Resp: 253292

Ion Ratio Lower Upper

162 100

164 63.2 43.6 83.6

98 40.9 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 40.373 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

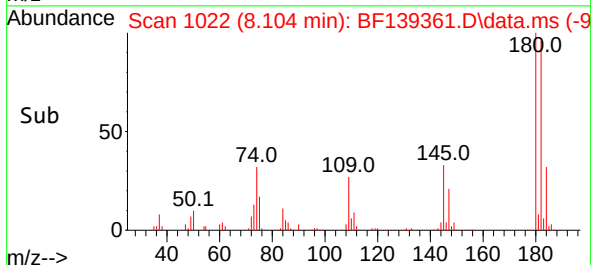
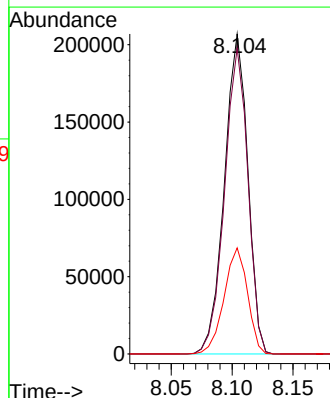
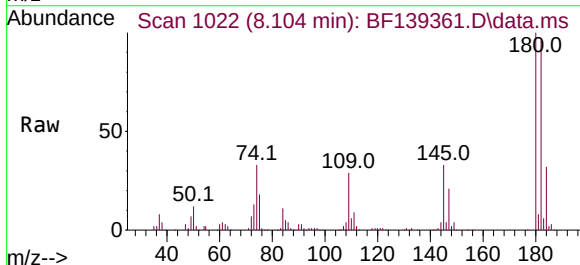
Tgt Ion:180 Resp: 277545

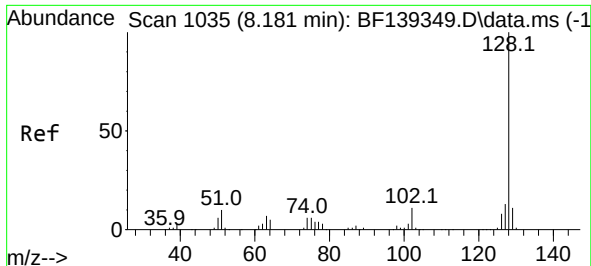
Ion Ratio Lower Upper

180 100

182 95.5 75.7 113.5

145 33.2 26.5 39.7

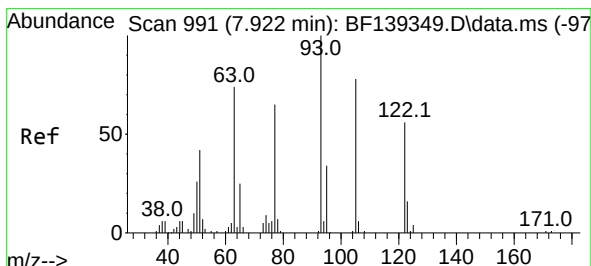
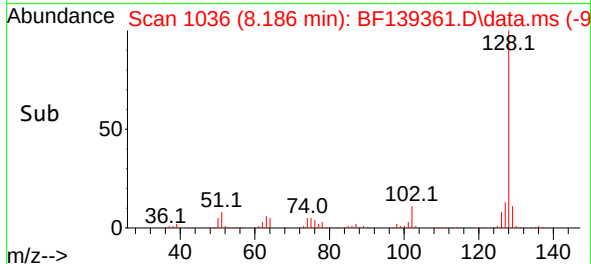
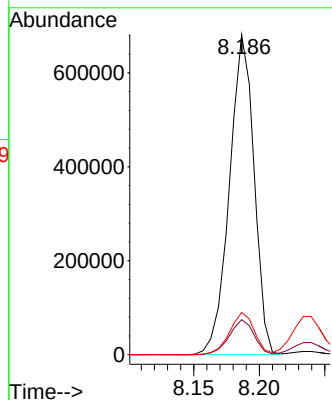
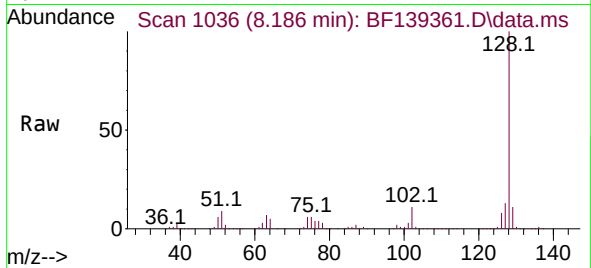




#31
Naphthalene
Concen: 41.344 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

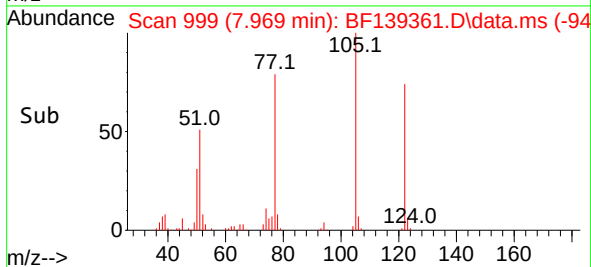
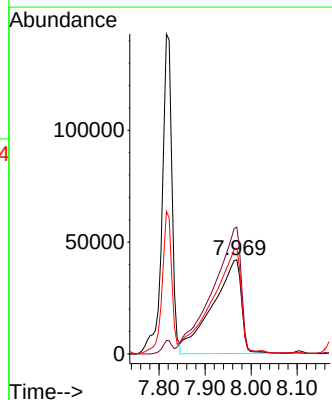
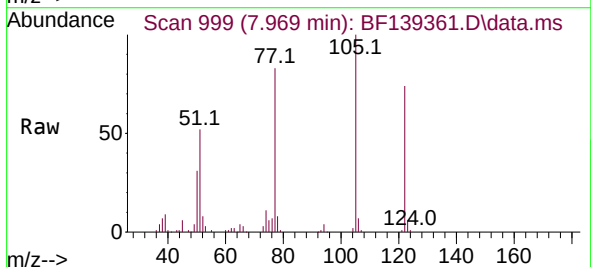
Instrument :
BNA_F
ClientSampleId :
PB163318BS

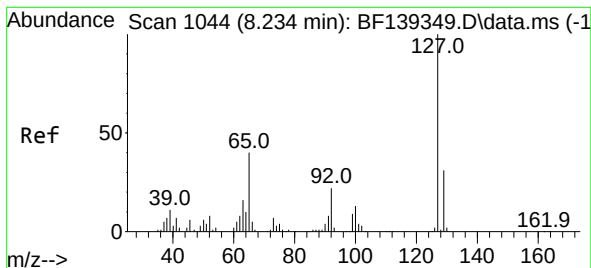
Tgt Ion:128 Resp: 890955
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 41.735 ng
RT: 7.969 min Scan# 999
Delta R.T. 0.047 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:122 Resp: 181389
Ion Ratio Lower Upper
122 100
105 135.0 117.1 157.1
77 112.3 95.4 135.4





#33

4-Chloroaniline

Concen: 20.859 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

Tgt Ion:127 Resp: 137516

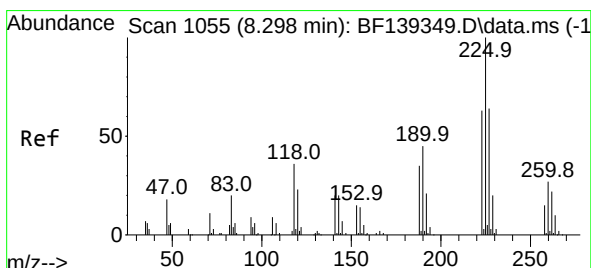
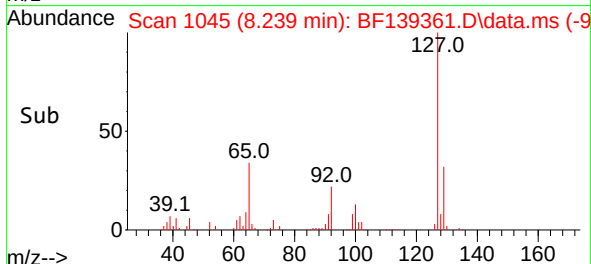
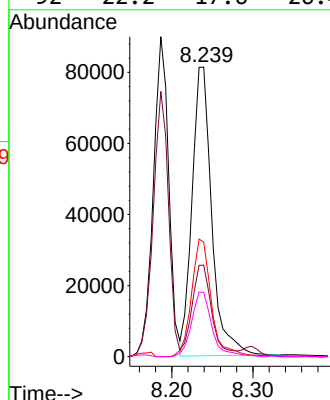
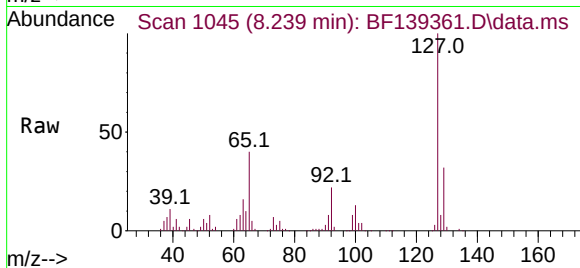
Ion Ratio Lower Upper

127 100

129 31.6 25.5 38.3

65 39.6 31.5 47.3

92 22.2 17.6 26.4



#34

Hexachlorobutadiene

Concen: 38.990 ng

RT: 8.298 min Scan# 1055

Delta R.T. -0.000 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

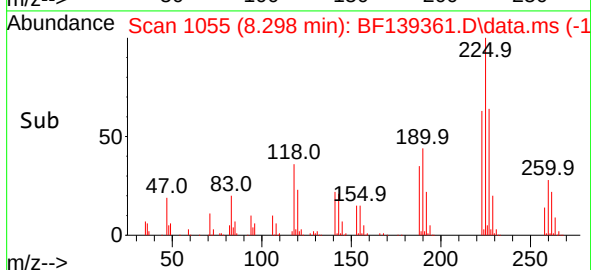
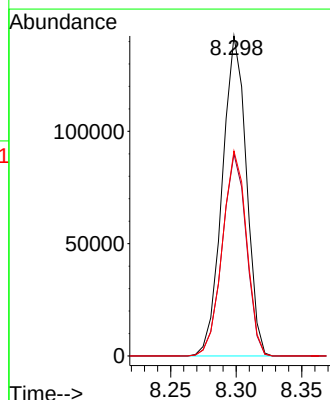
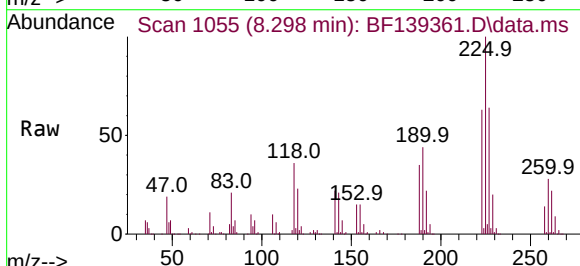
Tgt Ion:225 Resp: 182100

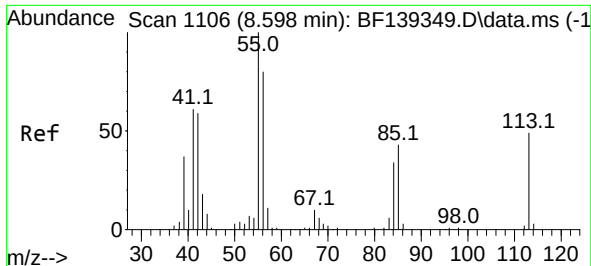
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 64.0 51.0 76.6

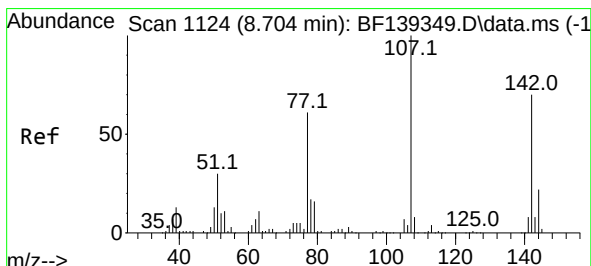
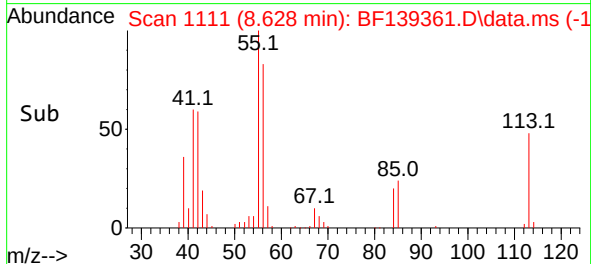
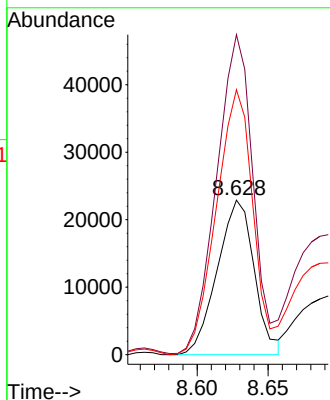
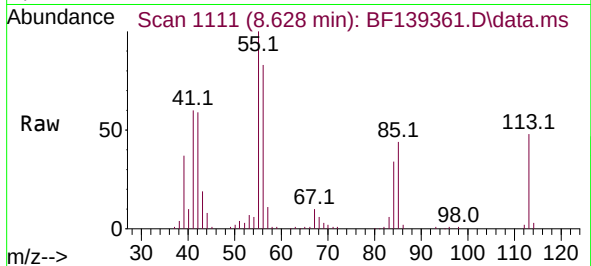




#35
 Caprolactam
 Concen: 22.835 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. 0.029 min
 Lab File: BF139361.D
 Acq: 14 Sep 2024 11:22

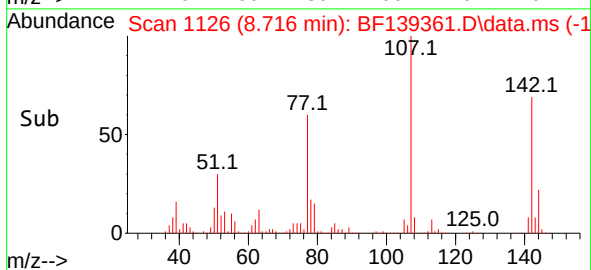
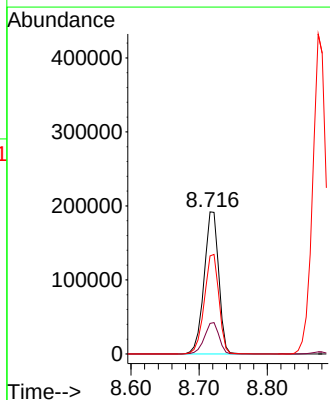
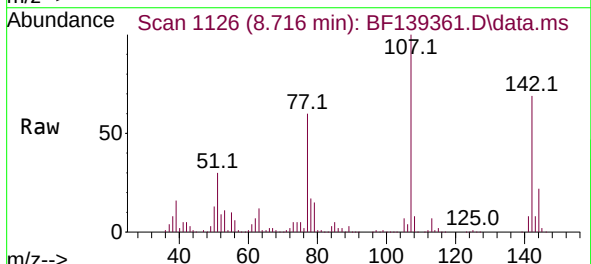
Instrument :
 BNA_F
 ClientSampleId :
 PB163318BS

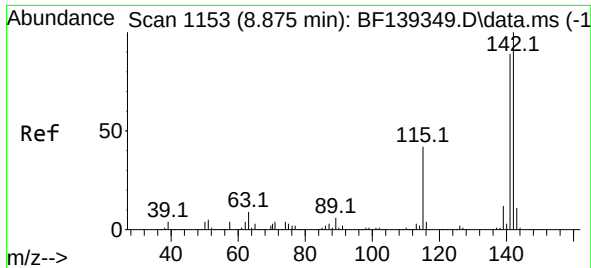
Tgt Ion:113 Resp: 41444
 Ion Ratio Lower Upper
 113 100
 55 207.0 186.1 226.1
 56 171.4 144.9 184.9



#36
 4-Chloro-3-methylphenol
 Concen: 42.610 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139361.D
 Acq: 14 Sep 2024 11:22

Tgt Ion:107 Resp: 287315
 Ion Ratio Lower Upper
 107 100
 144 21.5 17.5 26.3
 142 69.1 55.8 83.8

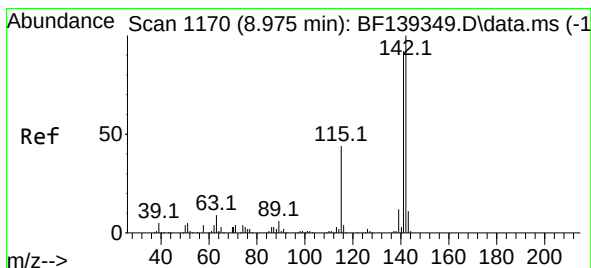
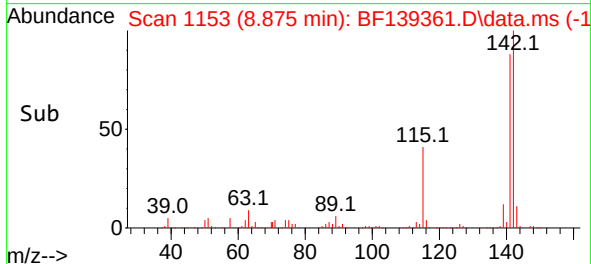
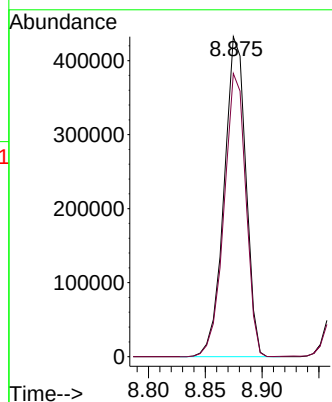
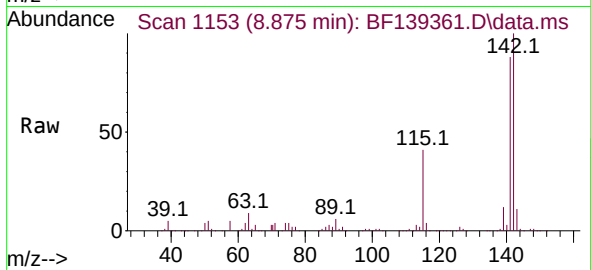




#37
2-Methylnaphthalene
Concen: 42.083 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

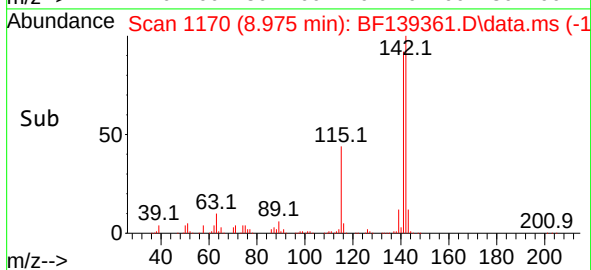
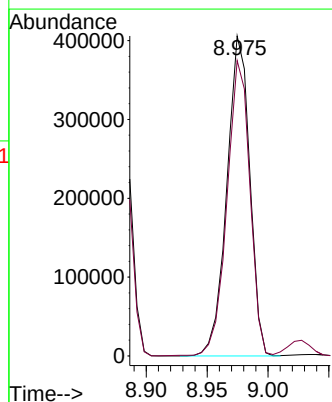
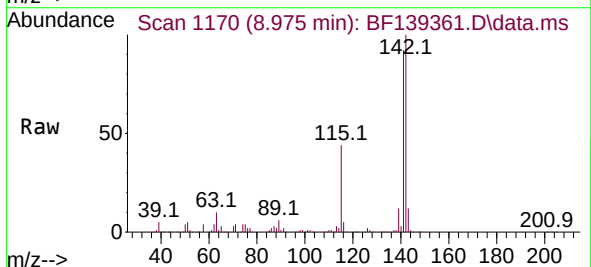
Instrument :
BNA_F
ClientSampleId :
PB163318BS

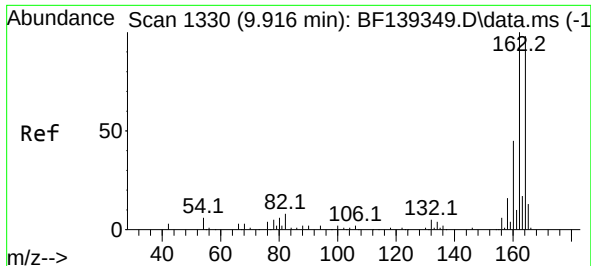
Tgt Ion:142 Resp: 575633
Ion Ratio Lower Upper
142 100
141 88.5 71.6 107.4



#38
1-Methylnaphthalene
Concen: 39.541 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

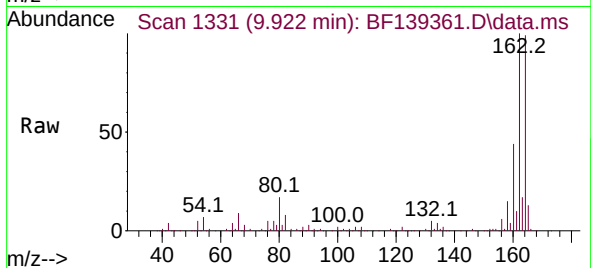
Tgt Ion:142 Resp: 531005
Ion Ratio Lower Upper
142 100
141 92.3 73.2 109.8



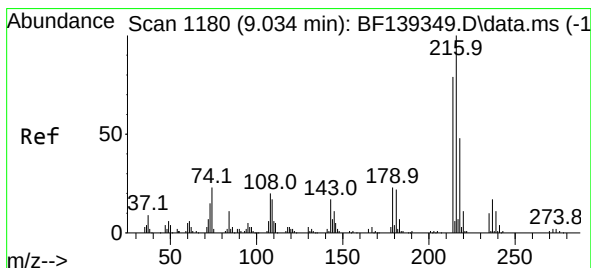
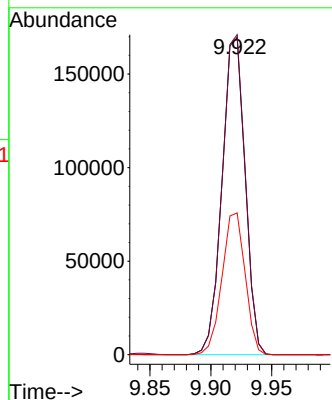
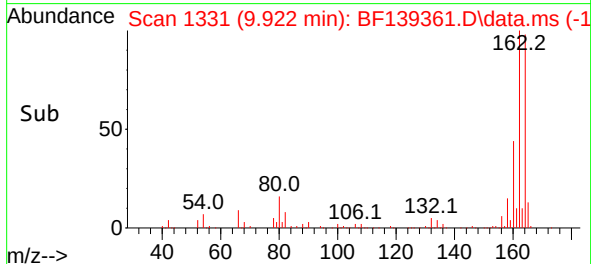


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

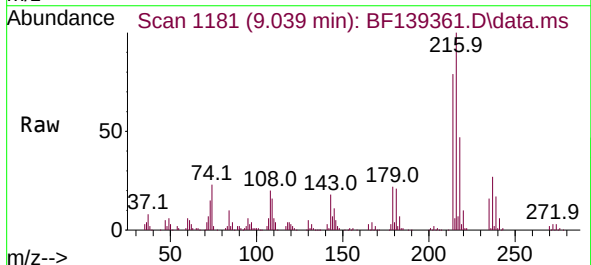
Instrument :
BNA_F
ClientSampleId :
PB163318BS



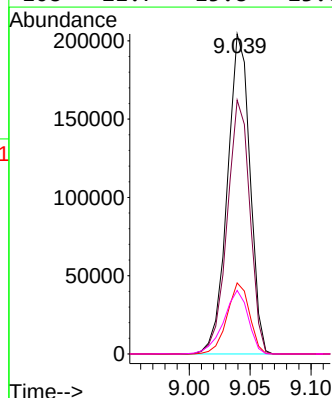
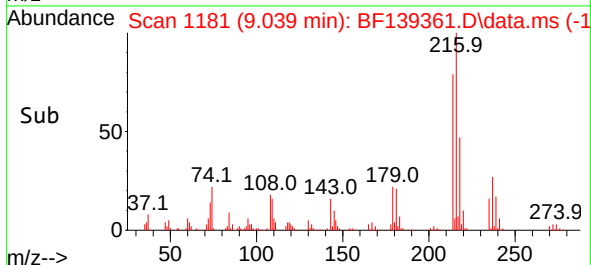
Tgt Ion:164 Resp: 223873
Ion Ratio Lower Upper
164 100
162 100.9 81.3 121.9
160 44.7 36.4 54.6

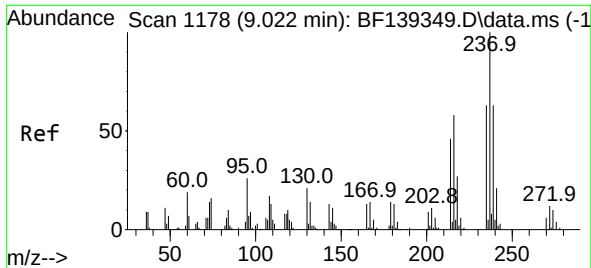


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.775 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22



Tgt Ion:216 Resp: 263901
Ion Ratio Lower Upper
216 100
214 79.4 63.4 95.0
179 22.1 18.2 27.2
108 21.7 15.8 23.6

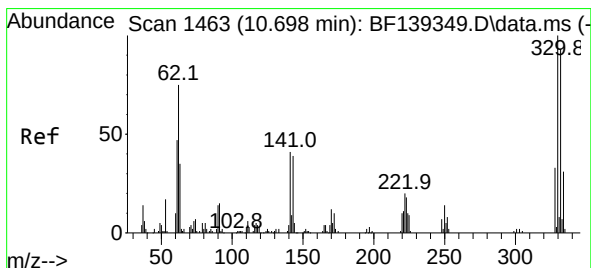
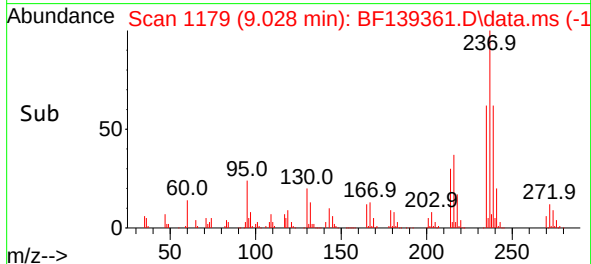
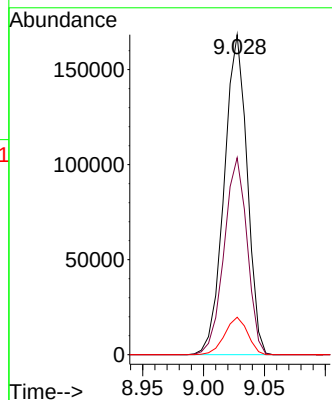
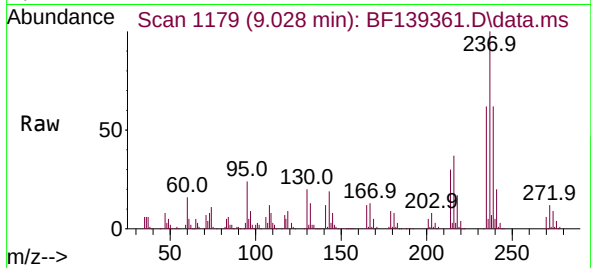




#41
Hexachlorocyclopentadiene
Concen: 95.478 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

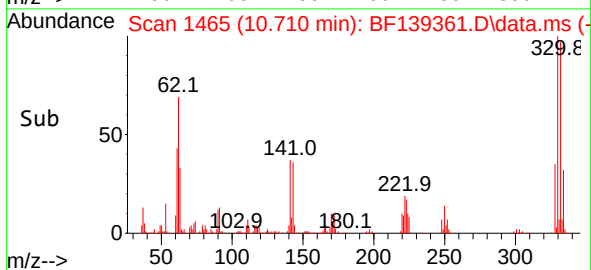
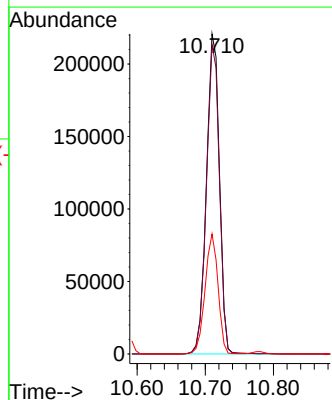
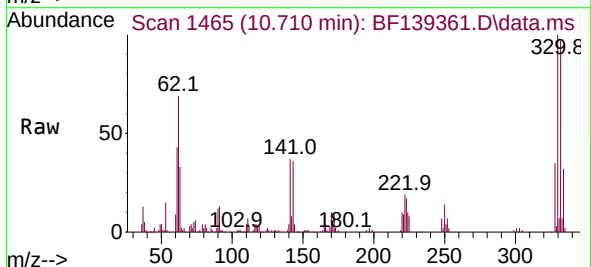
Instrument :
BNA_F
ClientSampleId :
PB163318BS

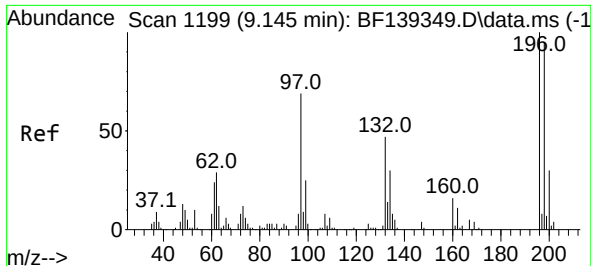
Tgt Ion:237 Resp: 221187
Ion Ratio Lower Upper
237 100
235 61.5 42.7 82.7
272 11.7 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 123.038 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:330 Resp: 293248
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.4 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 44.106 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

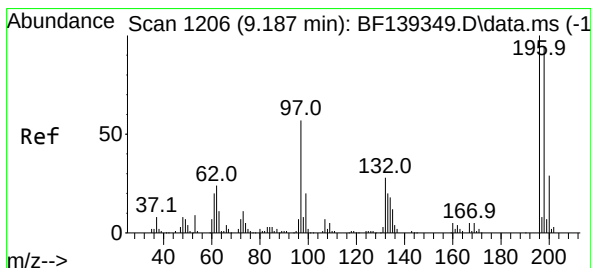
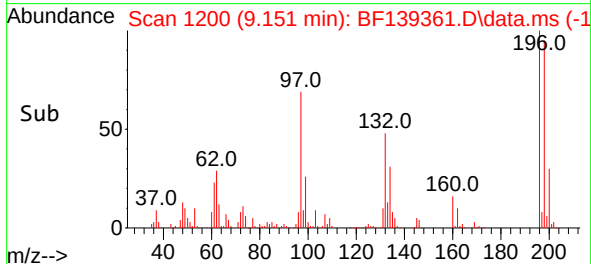
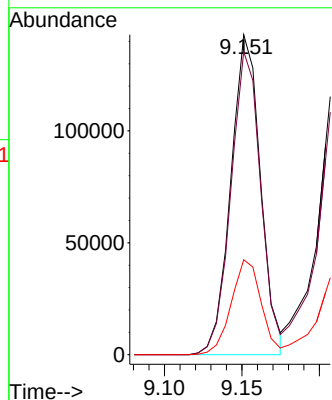
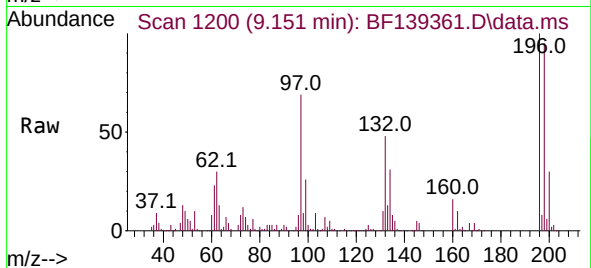
Tgt Ion:196 Resp: 190390

Ion Ratio Lower Upper

196 100

198 94.8 75.8 113.6

200 29.6 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.936 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.023 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Tgt Ion:196 Resp: 195502

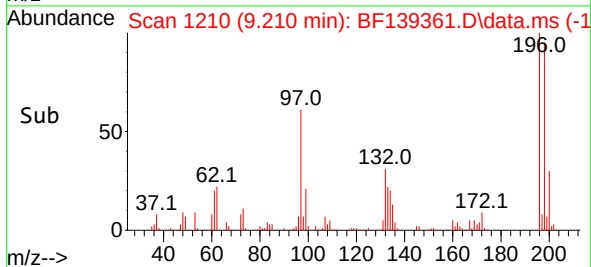
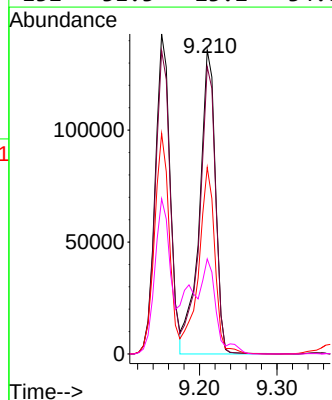
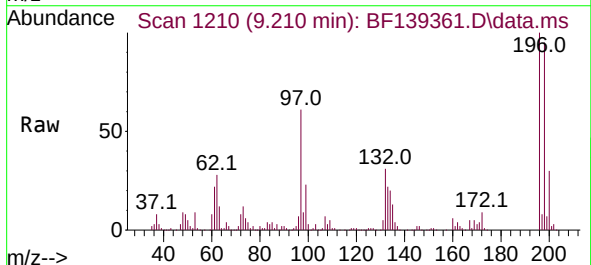
Ion Ratio Lower Upper

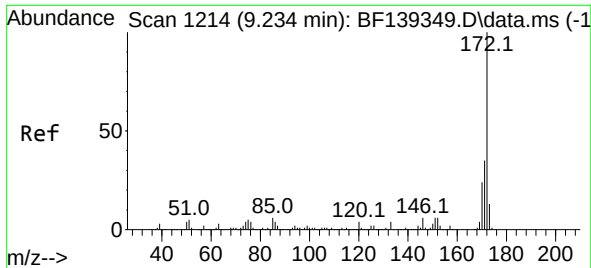
196 100

198 94.5 74.8 112.2

97 61.4 47.3 70.9

132 31.3 23.2 34.8

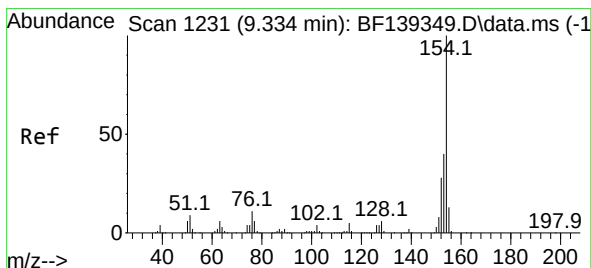
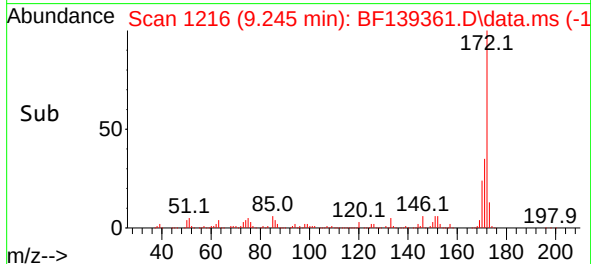
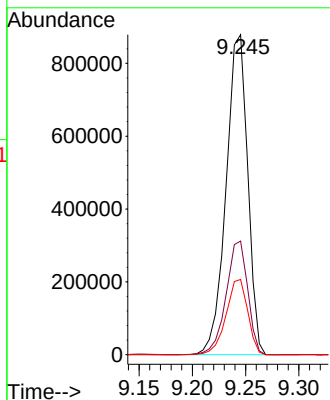
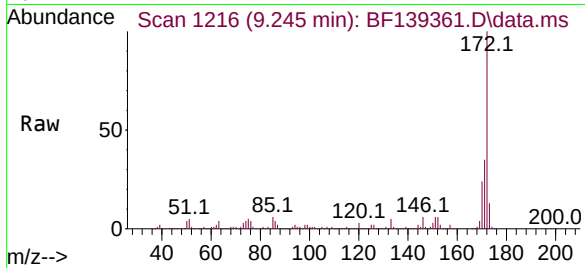




#45
2-Fluorobiphenyl
Concen: 77.798 ng
RT: 9.245 min Scan# 1216
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

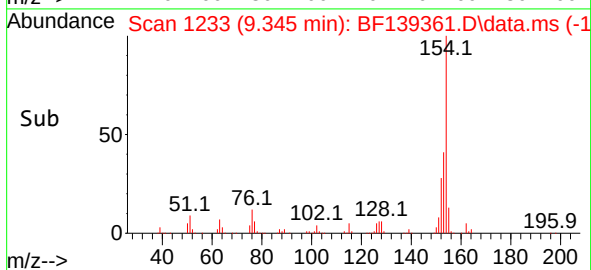
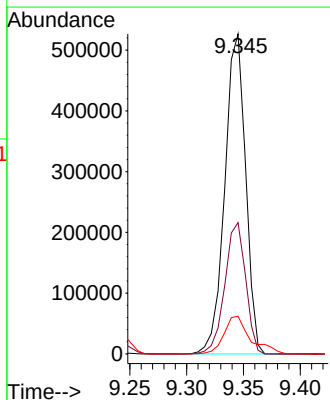
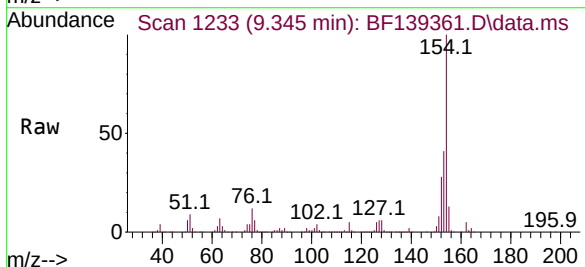
Instrument :
BNA_F
ClientSampleId :
PB163318BS

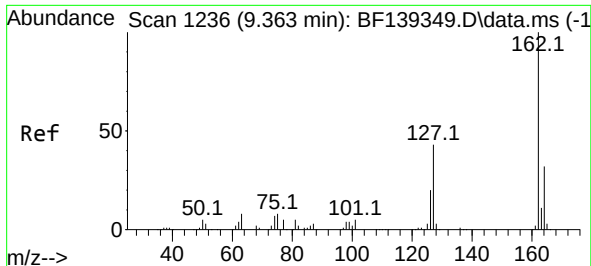
Tgt Ion:172 Resp: 1241830
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 38.897 ng
RT: 9.345 min Scan# 1233
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:154 Resp: 669937
Ion Ratio Lower Upper
154 100
153 41.1 20.1 60.1
76 11.8 0.0 31.1





#47

2-Chloronaphthalene

Concen: 41.409 ng

RT: 9.369 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

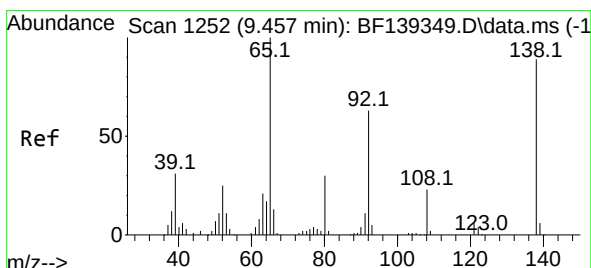
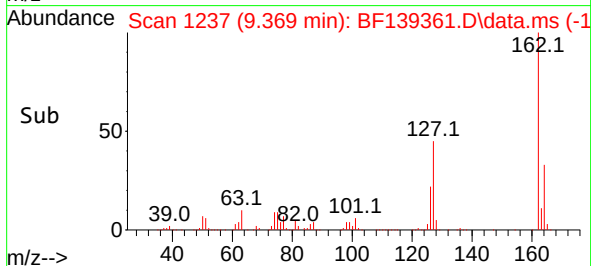
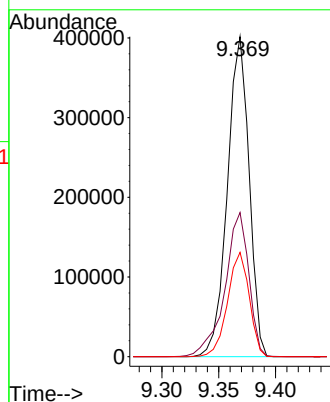
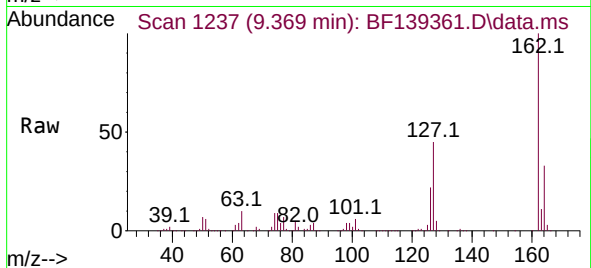
Tgt Ion:162 Resp: 533251

Ion Ratio Lower Upper

162 100

127 45.0 35.0 52.4

164 32.6 25.8 38.6



#48

2-Nitroaniline

Concen: 44.065 ng

RT: 9.463 min Scan# 1253

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

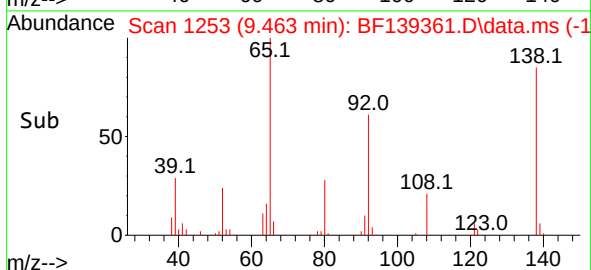
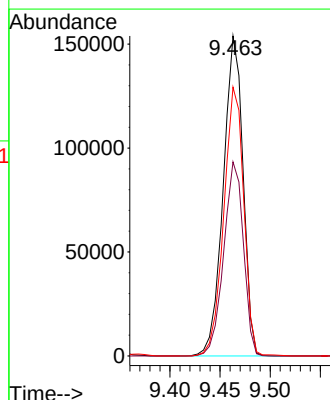
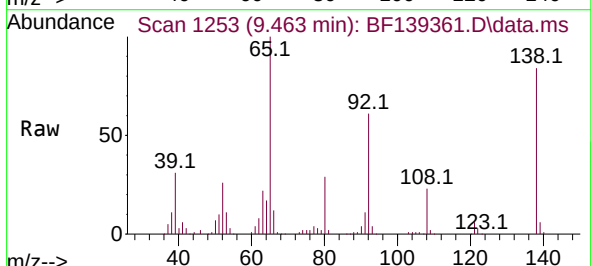
Tgt Ion: 65 Resp: 211062

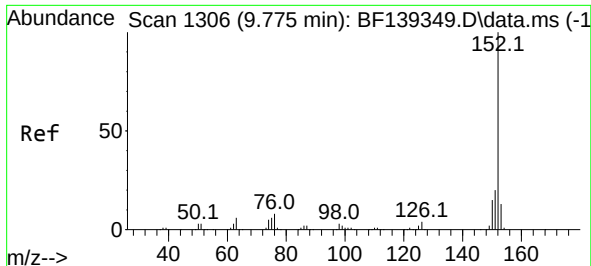
Ion Ratio Lower Upper

65 100

92 60.6 50.3 75.5

138 84.0 71.3 106.9





#49

Acenaphthylene

Concen: 45.432 ng

RT: 9.780 min Scan# 1

Delta R.T. 0.005 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

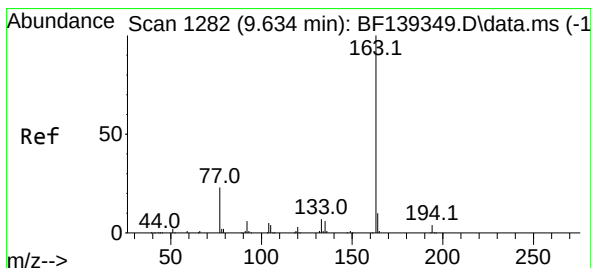
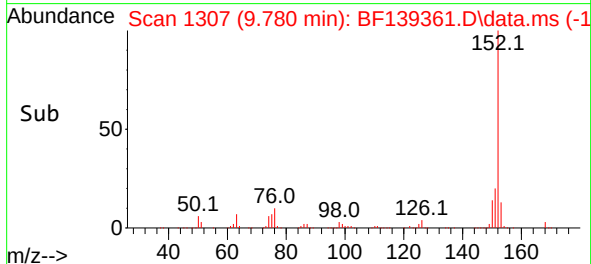
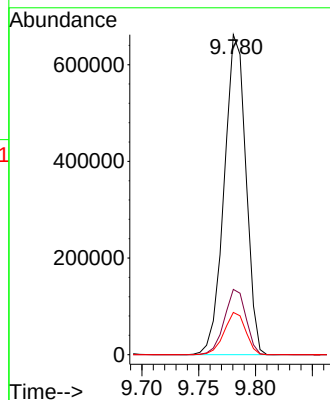
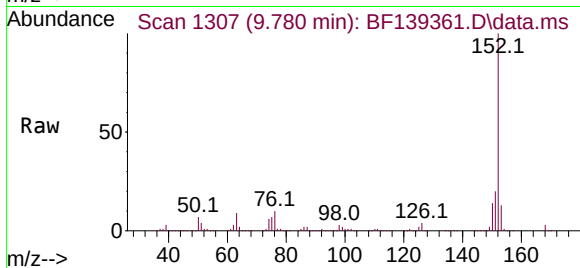
Tgt Ion:152 Resp: 880682

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.2 10.3 15.5



#50

Dimethylphthalate

Concen: 43.409 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.018 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

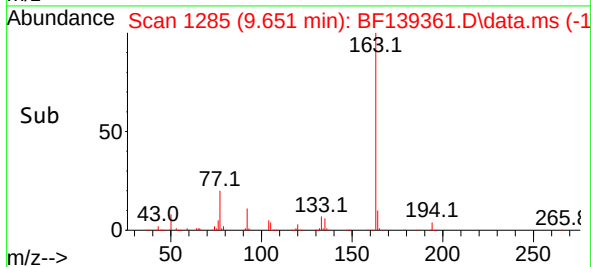
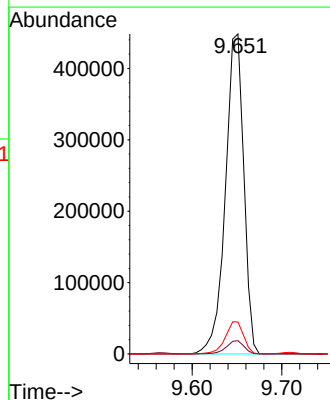
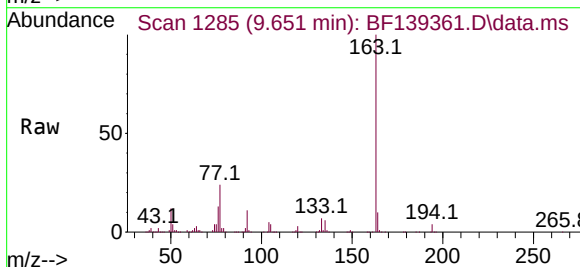
Tgt Ion:163 Resp: 637835

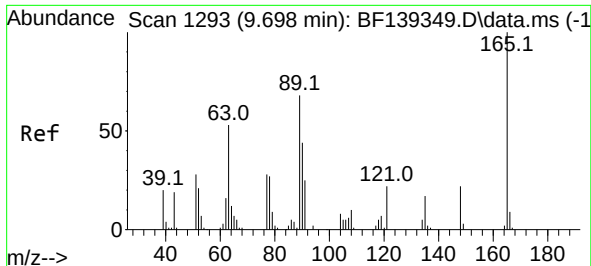
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 42.166 ng

RT: 9.710 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

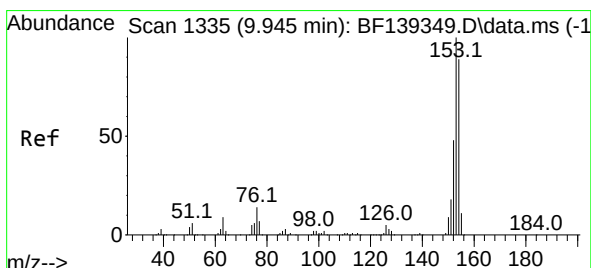
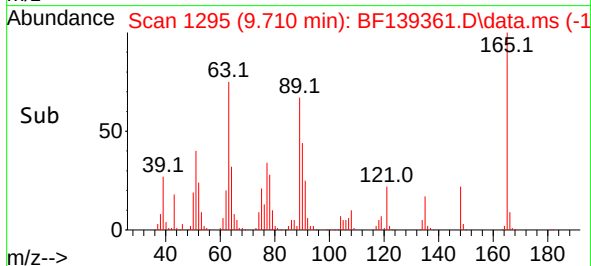
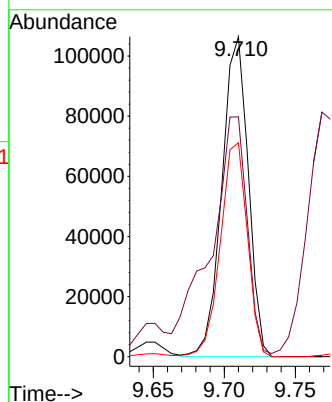
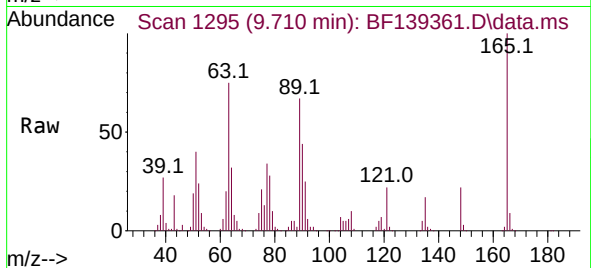
Tgt Ion:165 Resp: 137256

Ion Ratio Lower Upper

165 100

63 74.9 60.9 91.3

89 66.9 54.7 82.1



#52

Acenaphthene

Concen: 46.706 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.012 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

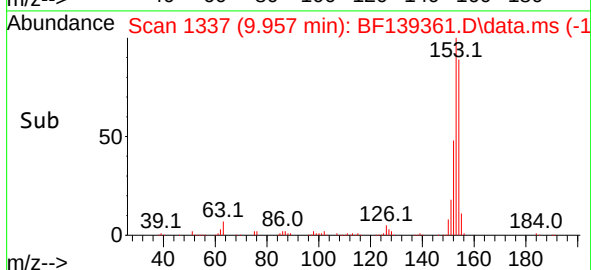
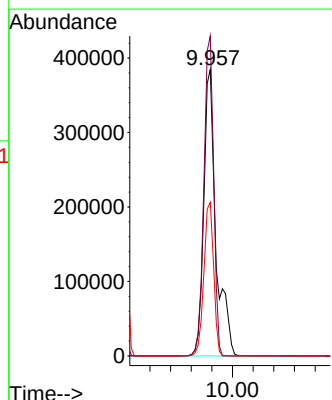
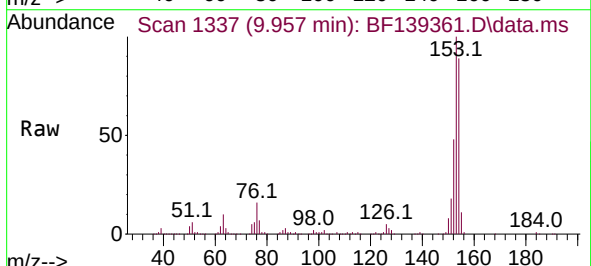
Tgt Ion:154 Resp: 631902

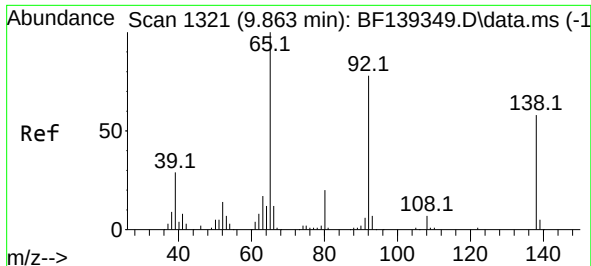
Ion Ratio Lower Upper

154 100

153 111.7 89.5 134.3

152 53.6 42.6 64.0

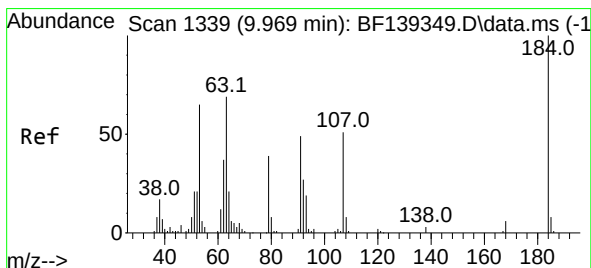
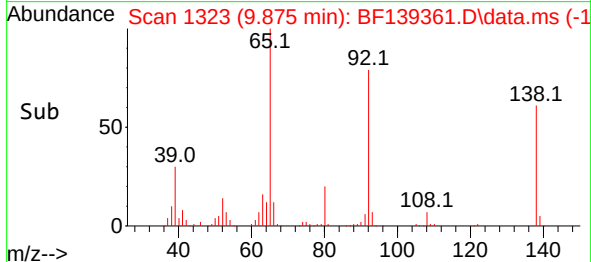
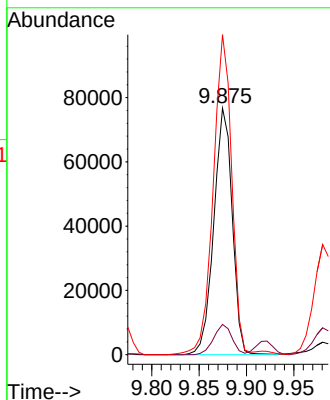
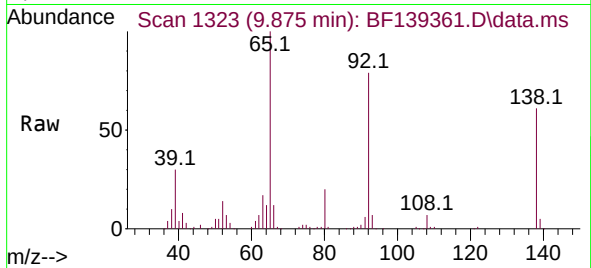




#53
3-Nitroaniline
Concen: 31.941 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

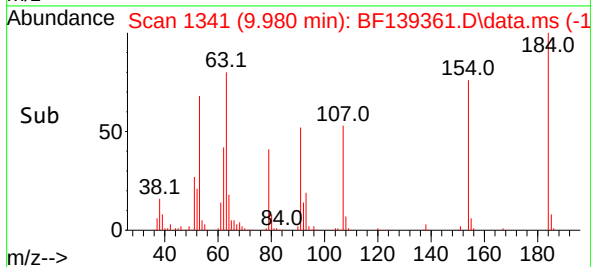
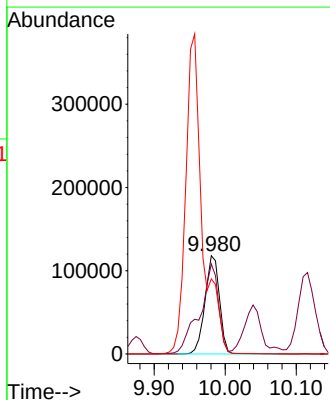
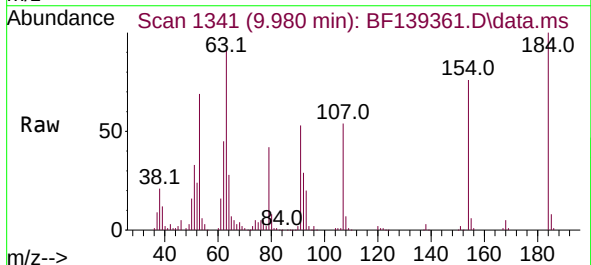
Instrument :
BNA_F
ClientSampleId :
PB163318BS

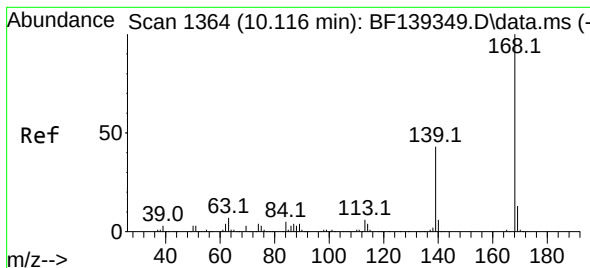
Tgt Ion:138 Resp: 103908
Ion Ratio Lower Upper
138 100
108 12.3 9.8 14.8
92 129.8 107.4 161.2



#54
2,4-Dinitrophenol
Concen: 92.951 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:184 Resp: 168597
Ion Ratio Lower Upper
184 100
63 91.4 69.3 103.9
154 76.4 67.5 101.3

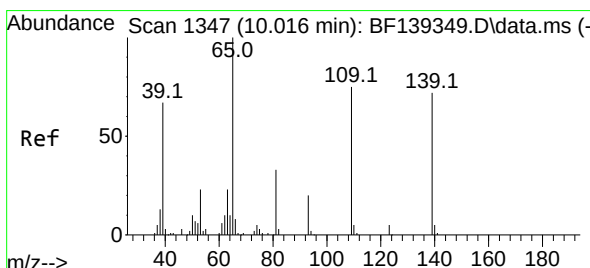
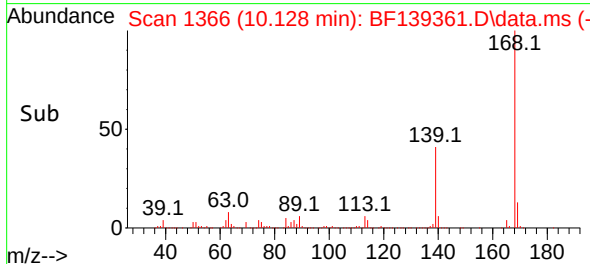
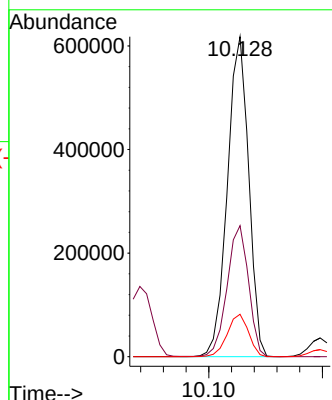
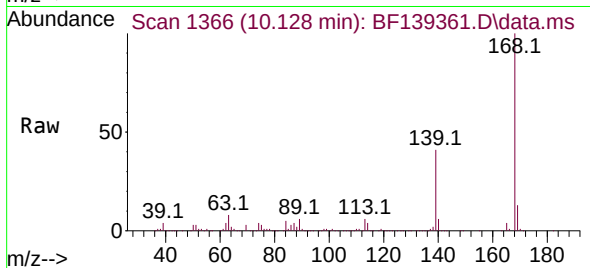




#55
Dibenzofuran
Concen: 42.596 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

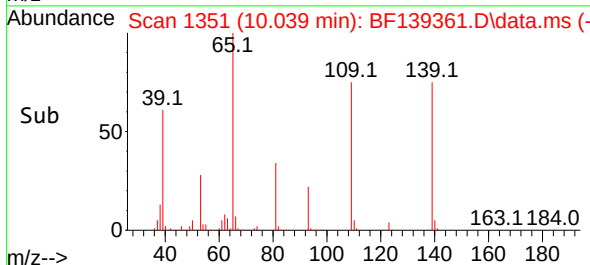
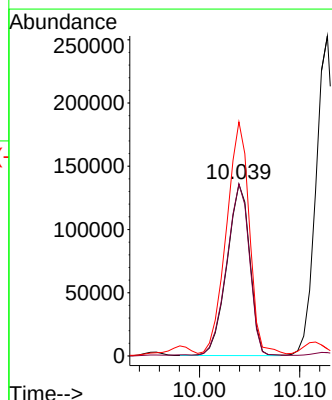
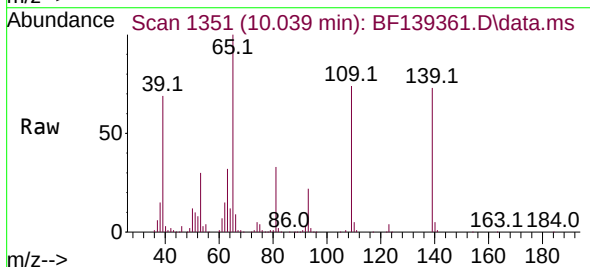
Instrument :
BNA_F
ClientSampleId :
PB163318BS

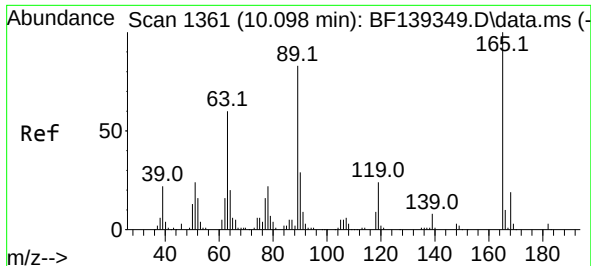
Tgt Ion:168 Resp: 803238
Ion Ratio Lower Upper
168 100
139 40.9 34.1 51.1
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 79.336 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.023 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:139 Resp: 213556
Ion Ratio Lower Upper
139 100
109 100.2 84.1 124.1
65 136.4 120.0 160.0

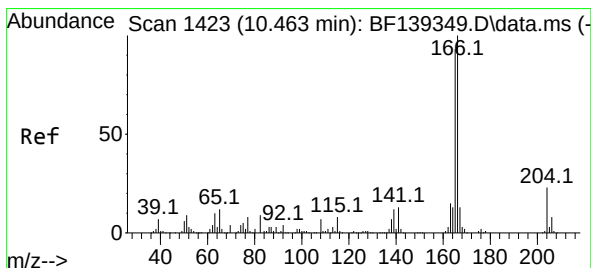
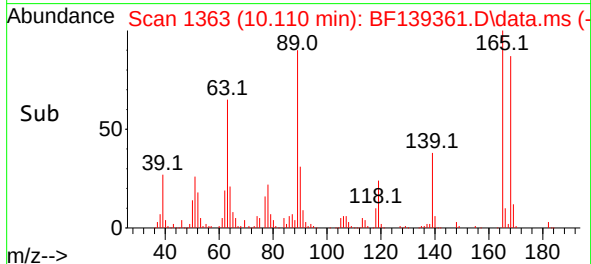
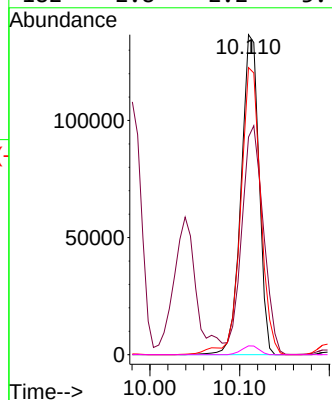
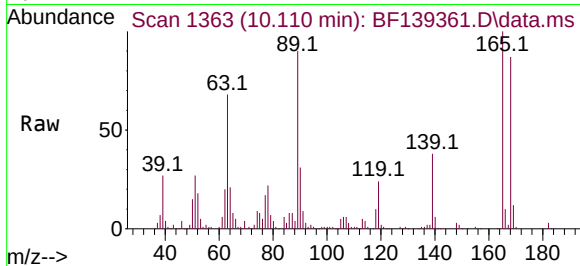




#57
2,4-Dinitrotoluene
Concen: 43.084 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

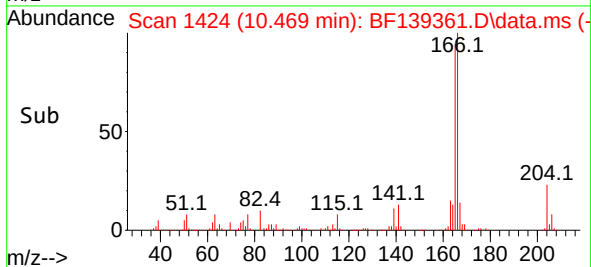
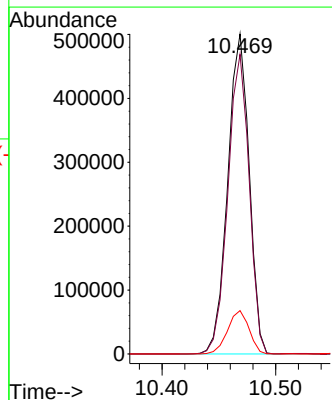
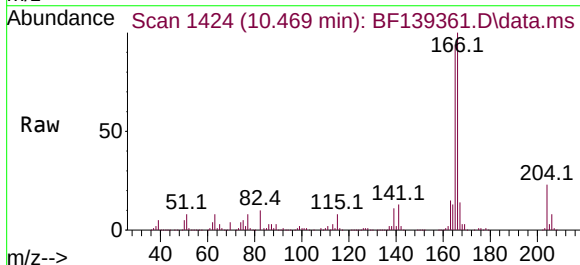
Instrument :
BNA_F
ClientSampleId :
PB163318BS

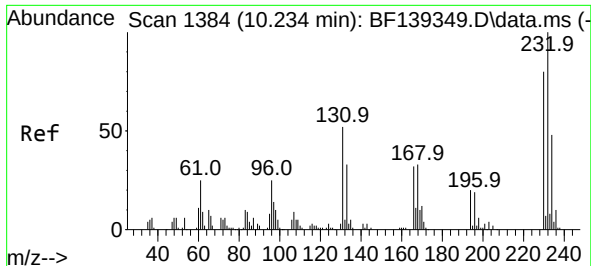
Tgt Ion:165 Resp: 189340
Ion Ratio Lower Upper
165 100
63 68.0 47.8 71.6
89 89.7 66.7 100.1
182 2.8 2.2 3.4



#58
Fluorene
Concen: 42.642 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:166 Resp: 656078
Ion Ratio Lower Upper
166 100
165 93.6 74.5 111.7
167 13.5 10.6 16.0

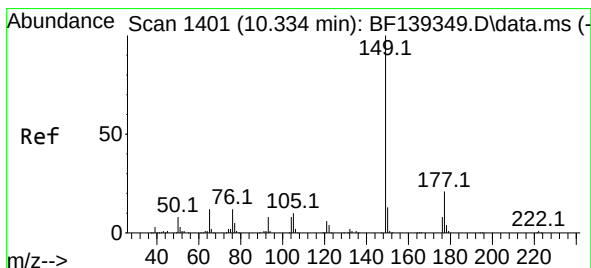
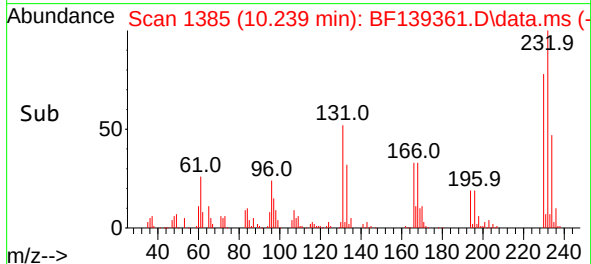
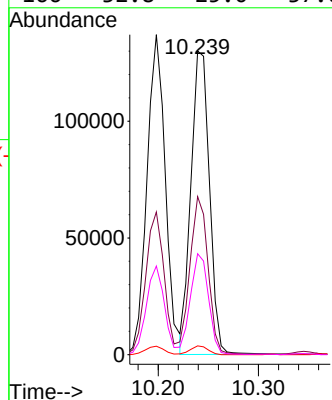
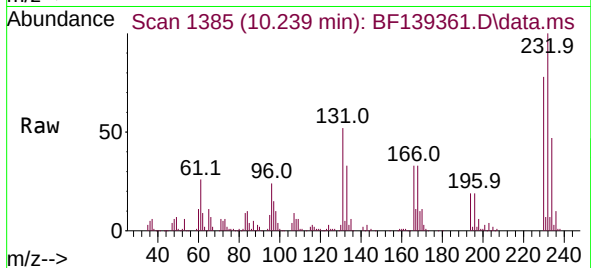




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.218 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

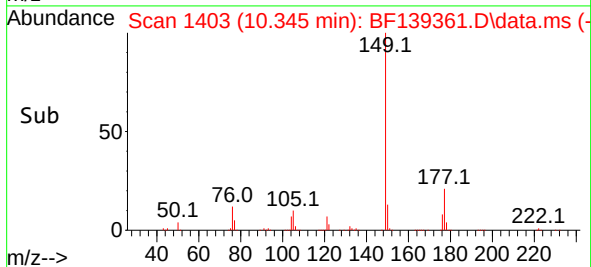
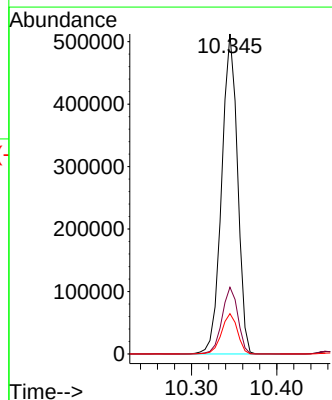
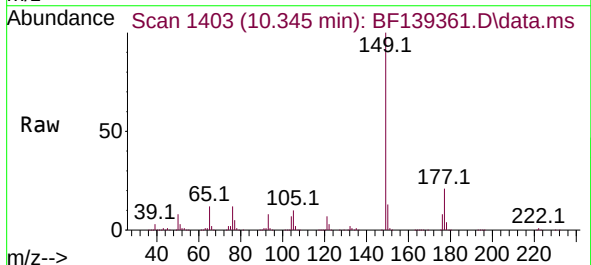
Instrument :
BNA_F
ClientSampleId :
PB163318BS

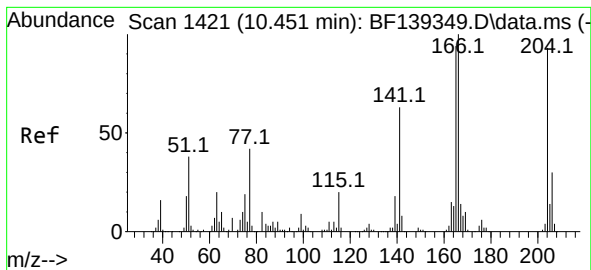
Tgt Ion:232 Resp: 166552
Ion Ratio Lower Upper
232 100
131 51.8 40.7 61.1
130 2.8 2.2 3.2
166 32.8 25.0 37.6



#60
Diethylphthalate
Concen: 43.711 ng
RT: 10.345 min Scan# 1403
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:149 Resp: 662804
Ion Ratio Lower Upper
149 100
177 20.9 16.6 24.8
150 12.6 10.6 15.8

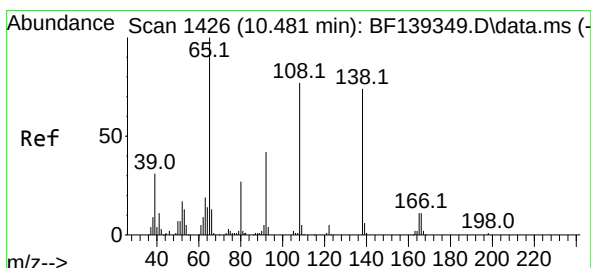
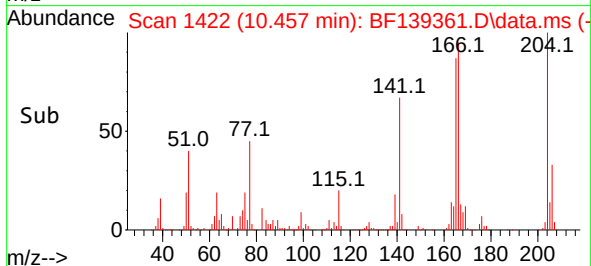
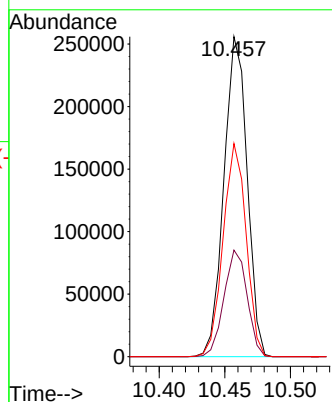
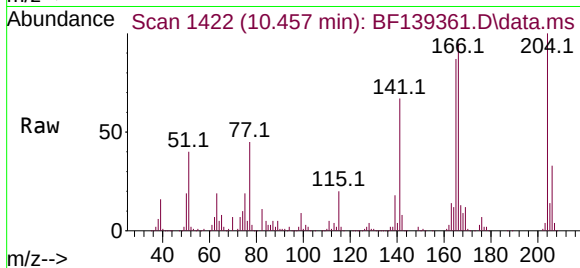




#61
4-Chlorophenyl-phenylether
Concen: 42.118 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

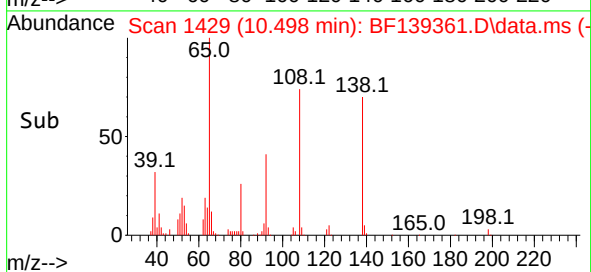
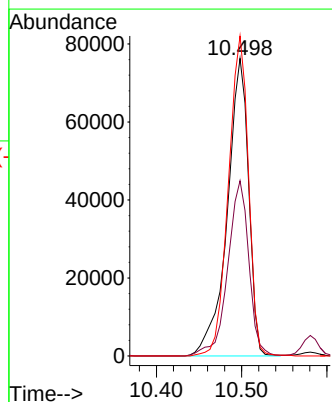
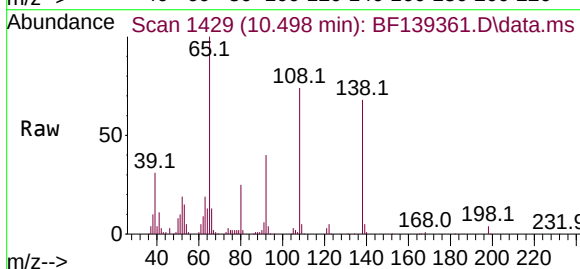
Instrument :
BNA_F
ClientSampleId :
PB163318BS

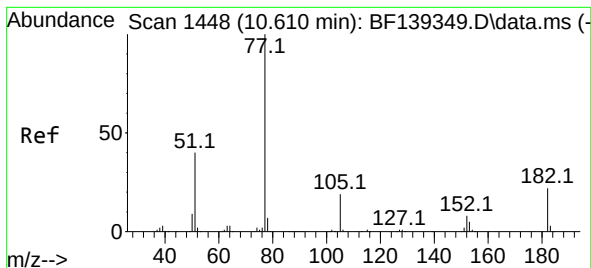
Tgt Ion:204 Resp: 314931
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 66.6 53.9 80.9



#62
4-Nitroaniline
Concen: 37.387 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:138 Resp: 132738
Ion Ratio Lower Upper
138 100
92 58.9 37.0 77.0
108 107.5 84.4 124.4





#63

Azobenzene

Concen: 43.597 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

Tgt Ion: 77 Resp: 650201

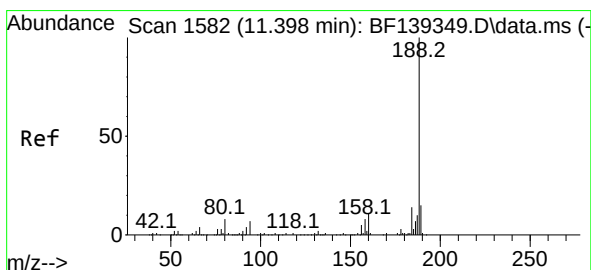
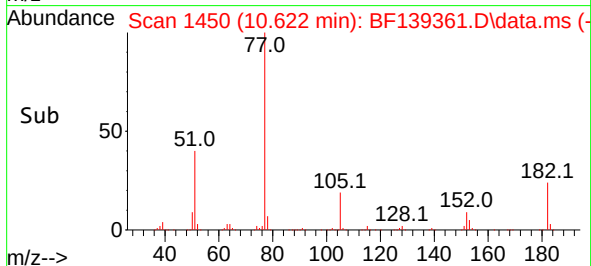
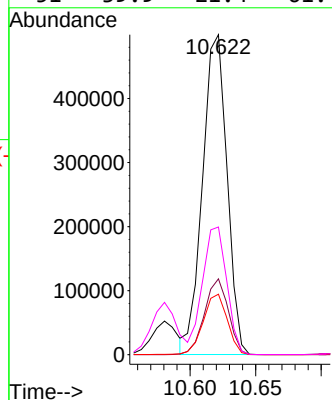
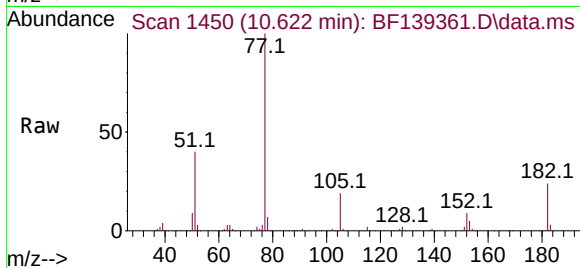
Ion Ratio Lower Upper

77 100

182 23.7 1.8 41.8

105 18.9 0.0 38.6

51 39.9 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

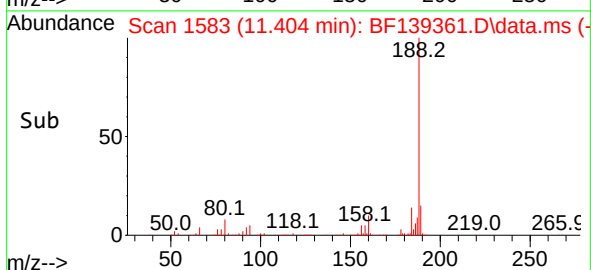
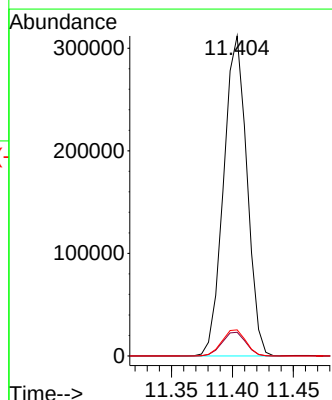
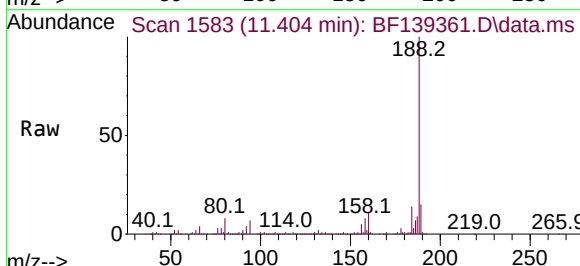
Tgt Ion: 188 Resp: 416538

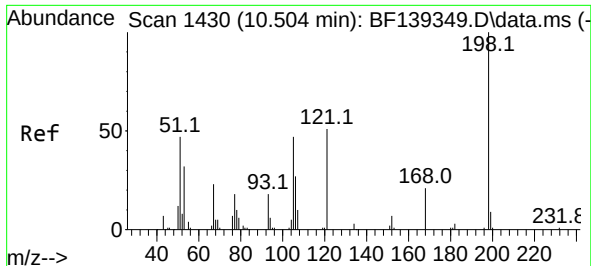
Ion Ratio Lower Upper

188 100

94 7.4 5.5 8.3

80 8.2 6.6 9.8

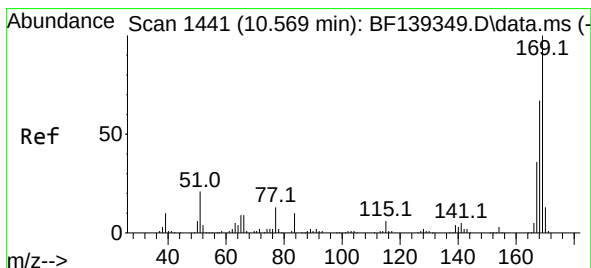
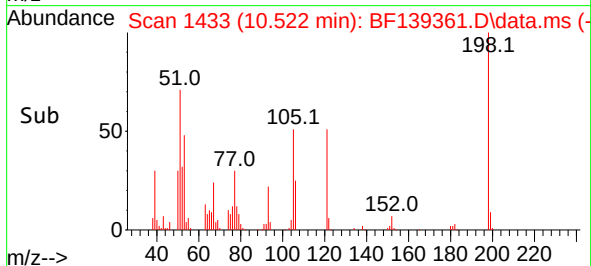
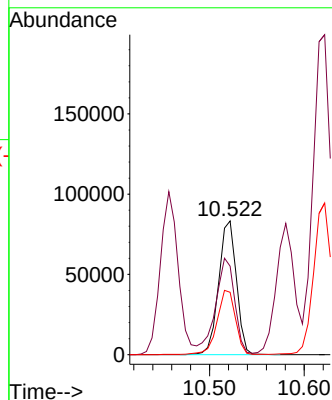
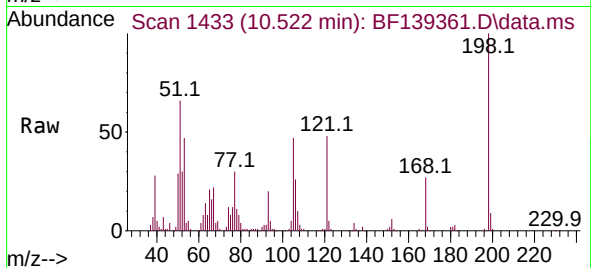




#65
4,6-Dinitro-2-methylphenol
Concen: 49.407 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.018 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

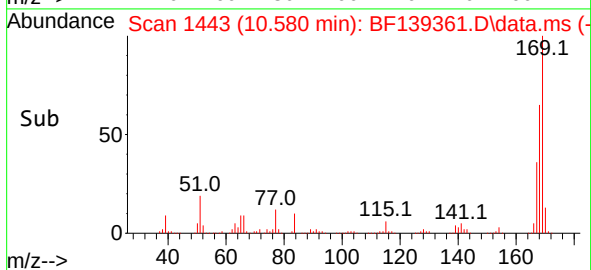
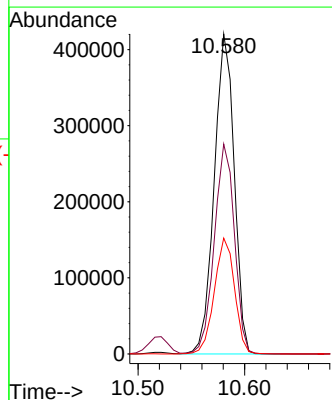
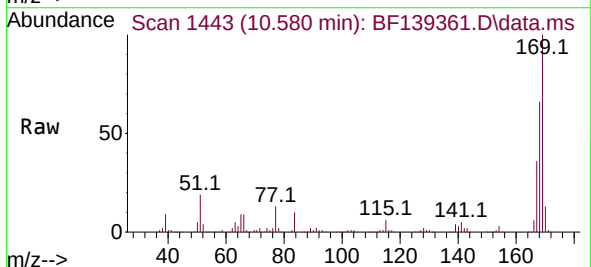
Instrument :
BNA_F
ClientSampleId :
PB163318BS

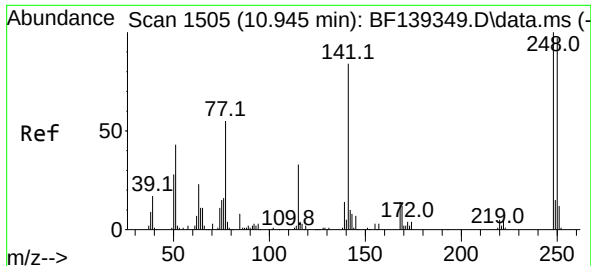
Tgt Ion:198 Resp: 108618
Ion Ratio Lower Upper
198 100
51 66.1 50.4 90.4
105 46.7 28.3 68.3



#66
n-Nitrosodiphenylamine
Concen: 44.898 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:169 Resp: 546772
Ion Ratio Lower Upper
169 100
168 65.6 53.6 80.4
167 36.2 28.7 43.1

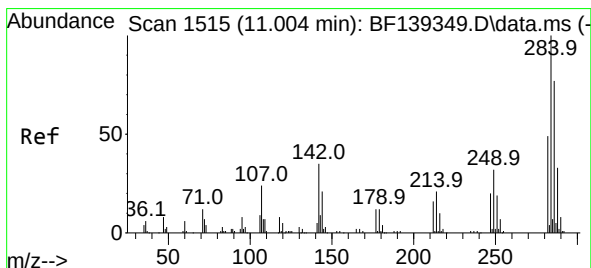
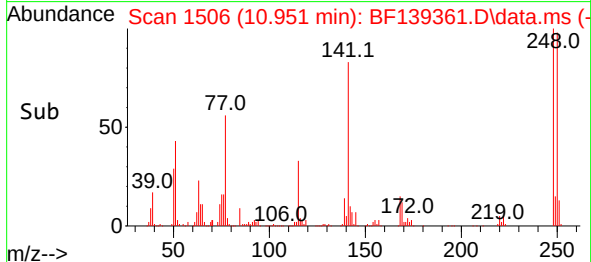
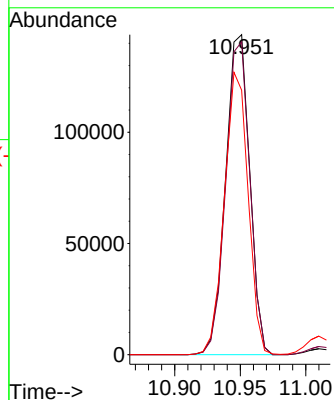
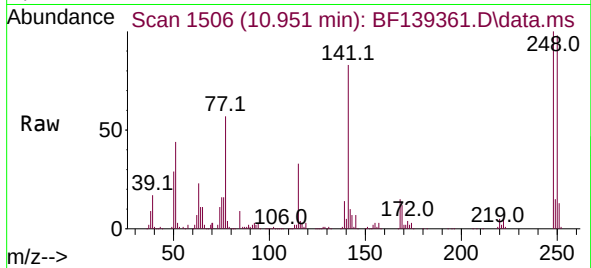




#67
4-Bromophenyl-phenylether
Concen: 44.630 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

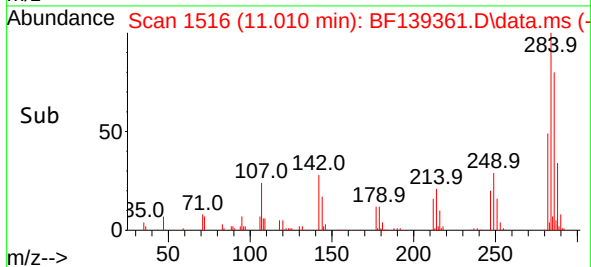
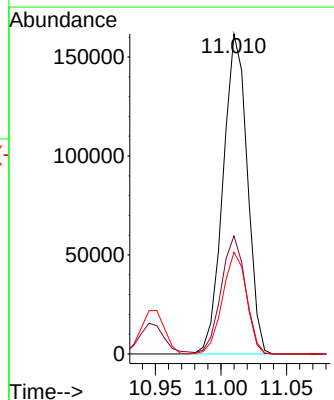
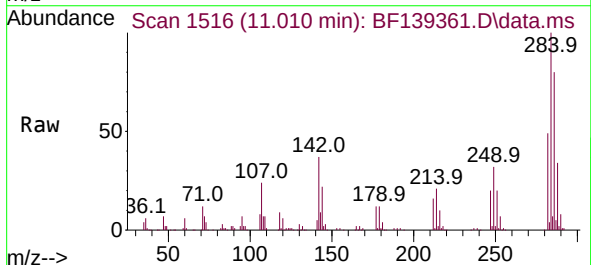
Instrument :
BNA_F
ClientSampleId :
PB163318BS

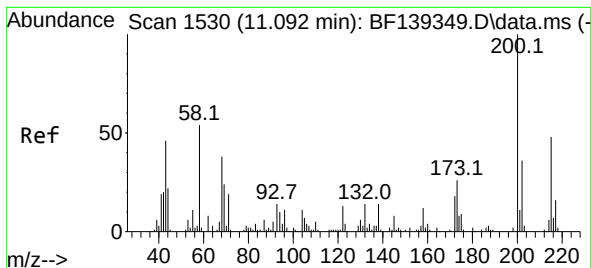
Tgt Ion:248 Resp: 184223
Ion Ratio Lower Upper
248 100
250 97.8 77.6 116.4
141 82.7 66.9 100.3



#68
Hexachlorobenzene
Concen: 42.778 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:284 Resp: 207239
Ion Ratio Lower Upper
284 100
142 36.9 28.0 42.0
249 31.8 25.3 37.9





#69

Atrazine

Concen: 39.284 ng

RT: 11.104 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

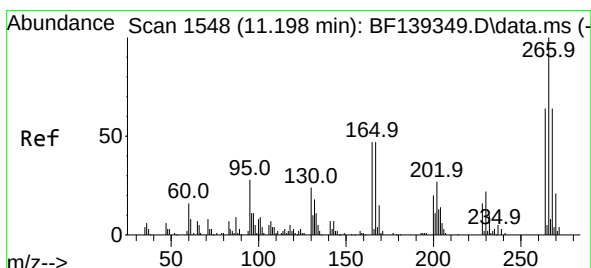
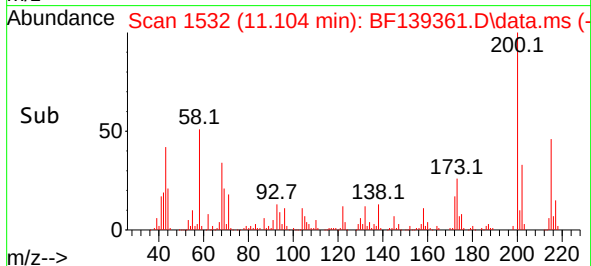
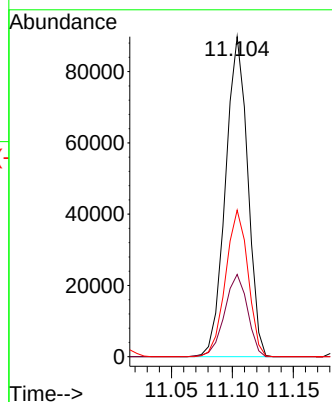
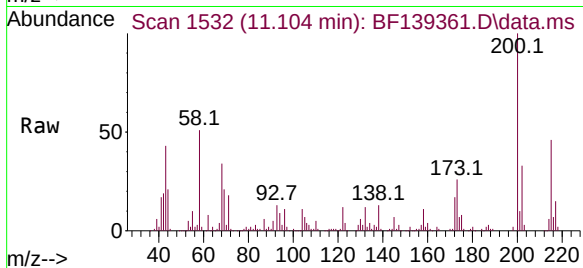
Tgt Ion:200 Resp: 113892

Ion Ratio Lower Upper

200 100

173 25.7 6.1 46.1

215 45.8 28.2 68.2



#70

Pentachlorophenol

Concen: 85.246 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

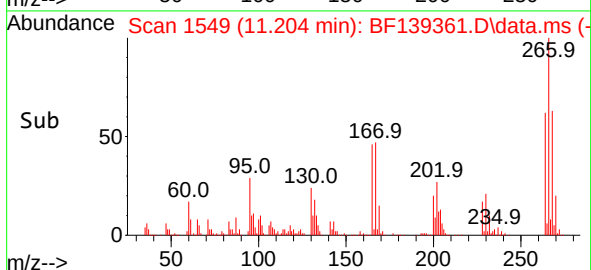
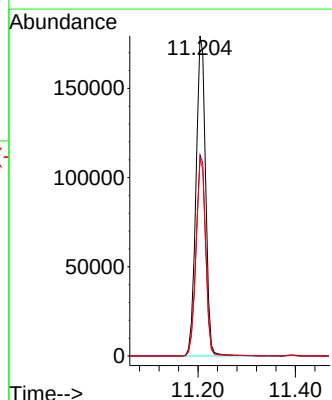
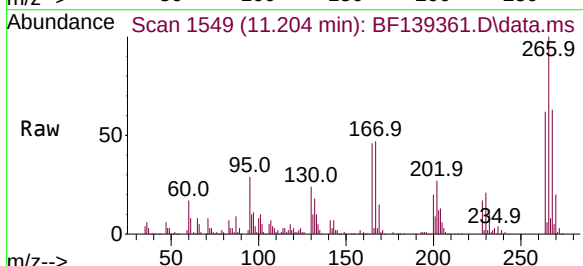
Tgt Ion:266 Resp: 247799

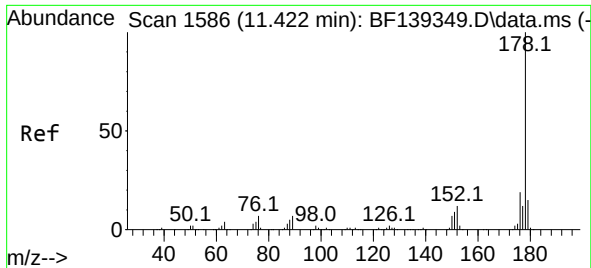
Ion Ratio Lower Upper

266 100

268 62.8 51.1 76.7

264 61.5 51.4 77.0

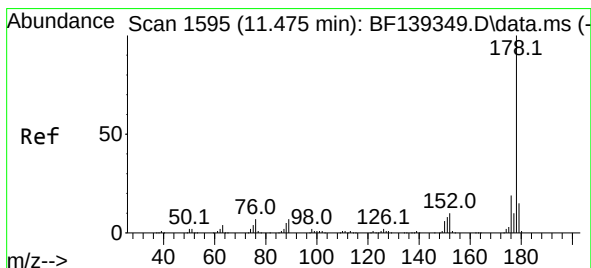
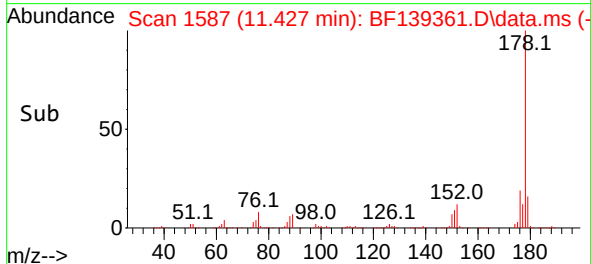
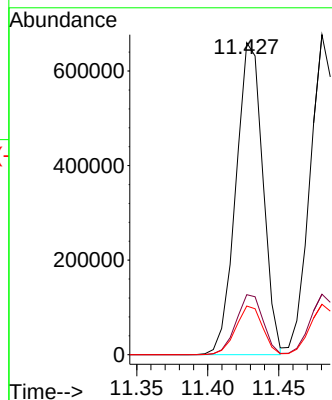
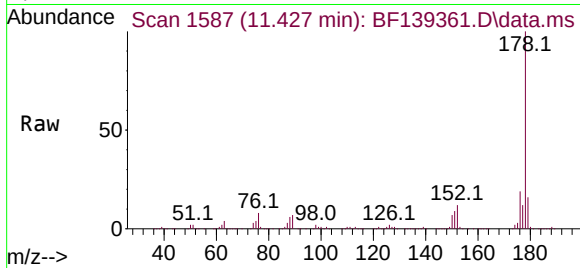




#71
Phenanthrene
Concen: 43.431 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

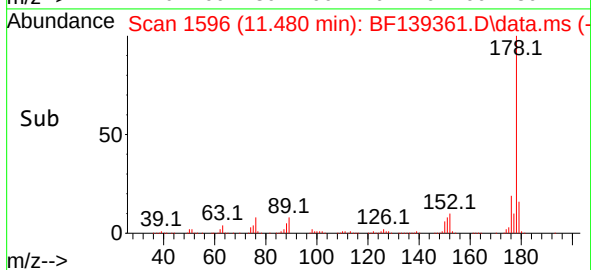
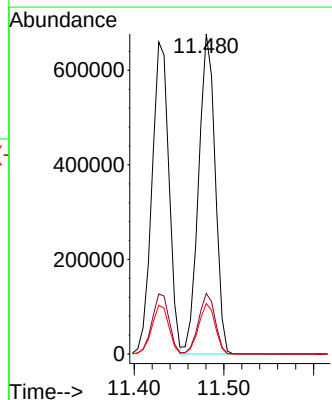
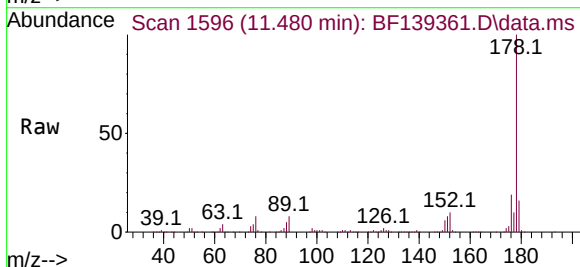
Instrument :
BNA_F
ClientSampleId :
PB163318BS

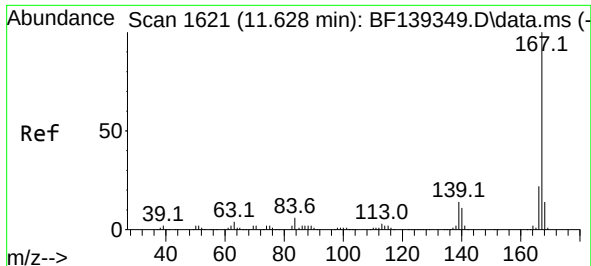
Tgt Ion:178 Resp: 872793
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.6 12.2 18.4



#72
Anthracene
Concen: 44.108 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

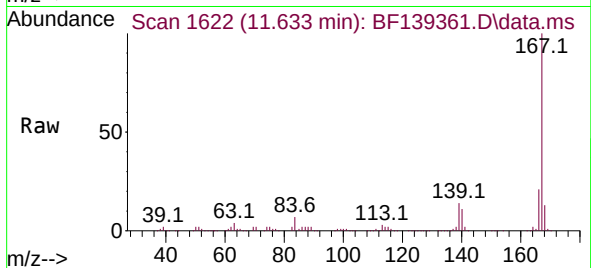
Tgt Ion:178 Resp: 866658
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.6
179 15.7 12.0 18.0



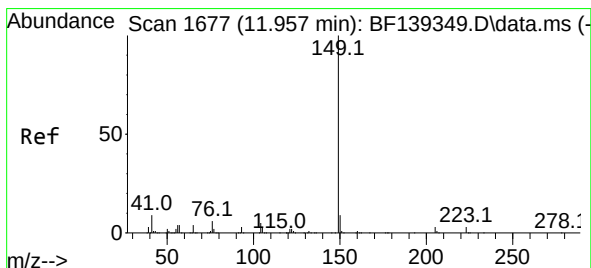
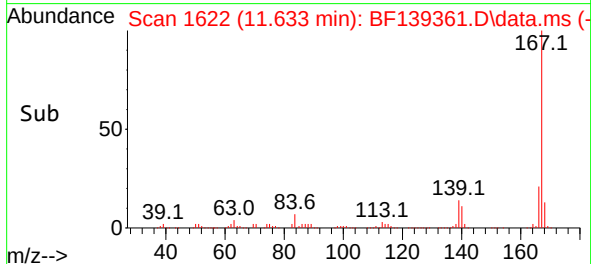
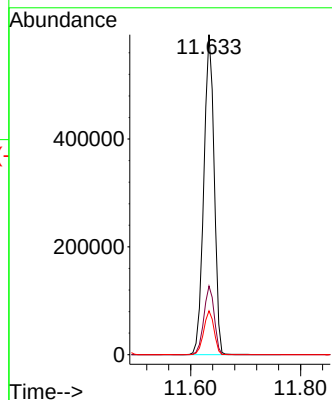


#73
Carbazole
Concen: 41.376 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB163318BS

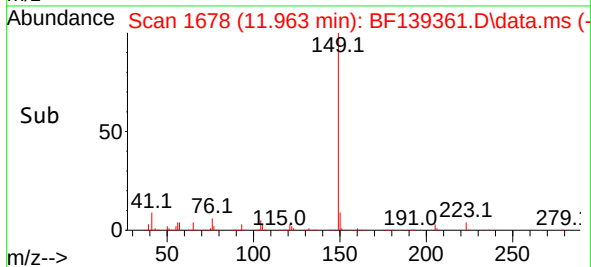
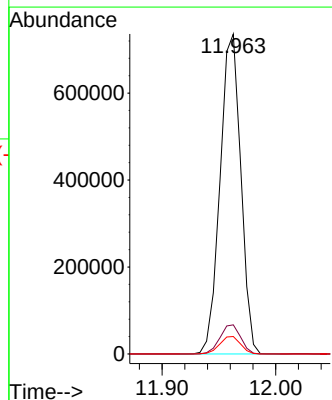
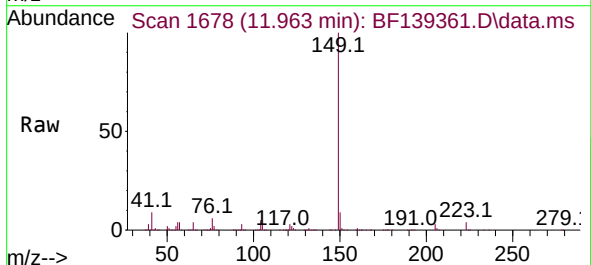


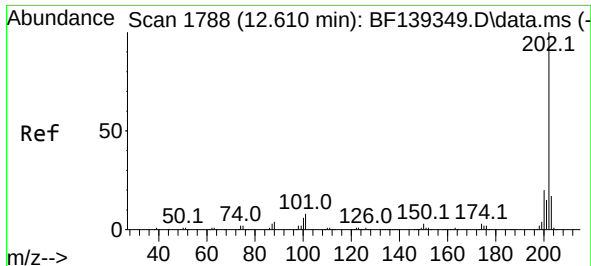
Tgt Ion:167 Resp: 778105
Ion Ratio Lower Upper
167 100
166 21.4 17.5 26.3
139 13.7 10.9 16.3



#74
Di-n-butylphthalate
Concen: 44.576 ng
RT: 11.963 min Scan# 1678
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:149 Resp: 933806
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.5 4.3 6.5

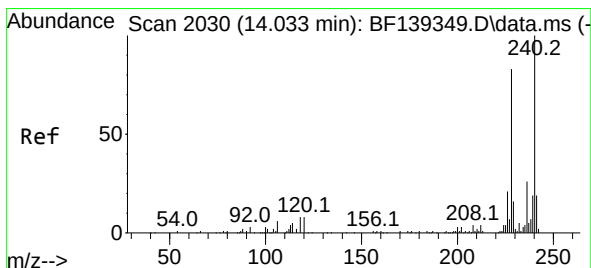
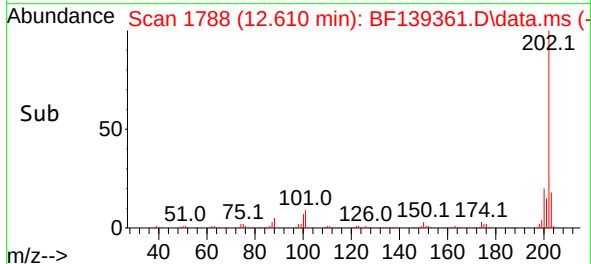
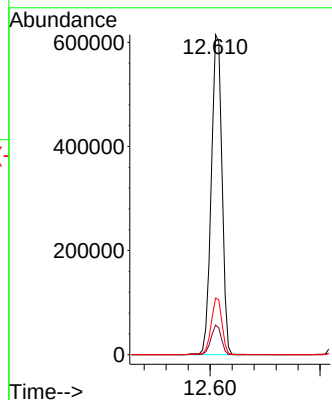
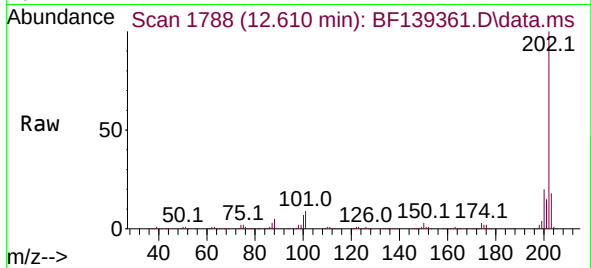




#75
Fluoranthene
Concen: 38.696 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

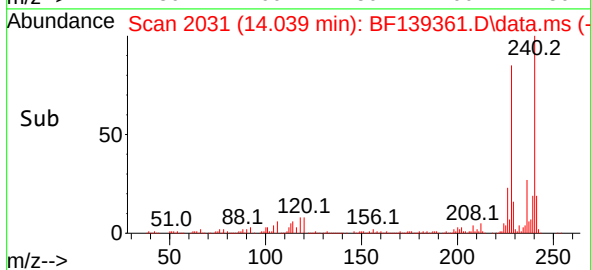
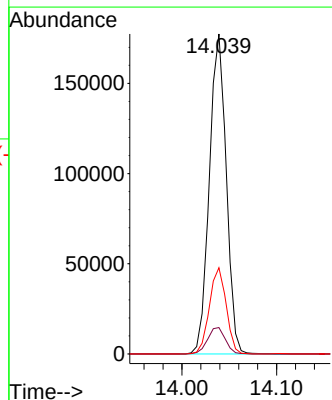
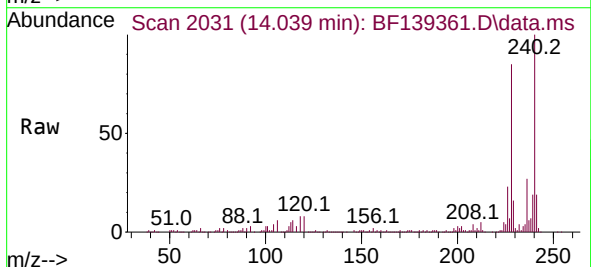
Instrument :
BNA_F
ClientSampleId :
PB163318BS

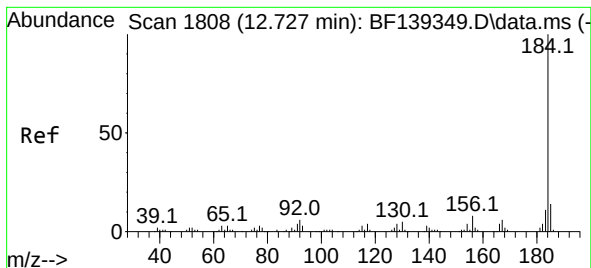
Tgt Ion:202 Resp: 830460
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.7
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:240 Resp: 219329
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.2
236 26.9 20.9 31.3





#77

Benzidine

Concen: 4.216 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

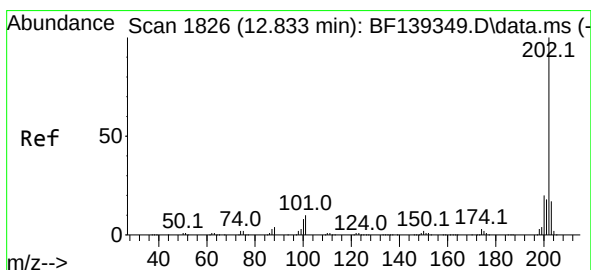
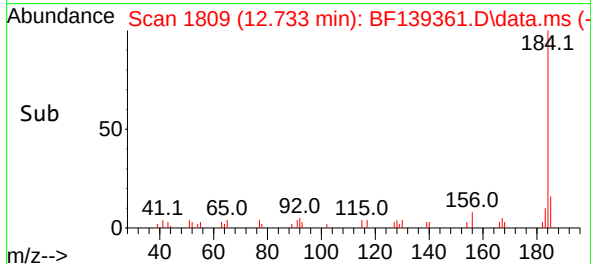
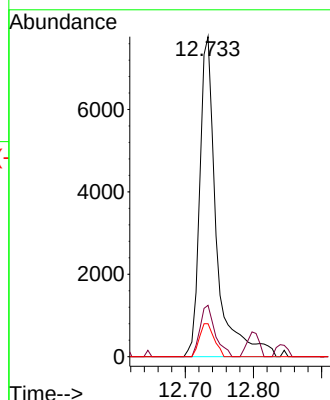
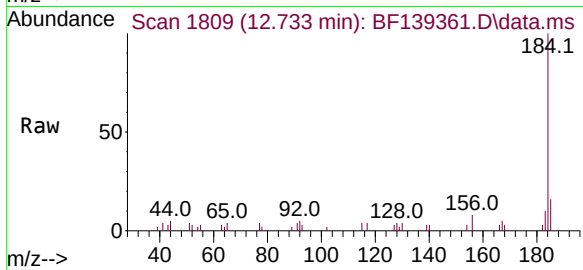
Tgt Ion:184 Resp: 13249

Ion Ratio Lower Upper

184 100

185 16.1 11.5 17.3

183 10.3 8.9 13.3



#78

Pyrene

Concen: 43.482 ng

RT: 12.839 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

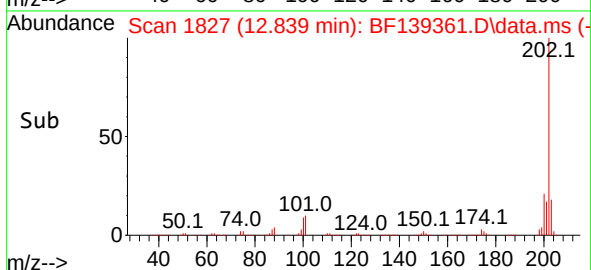
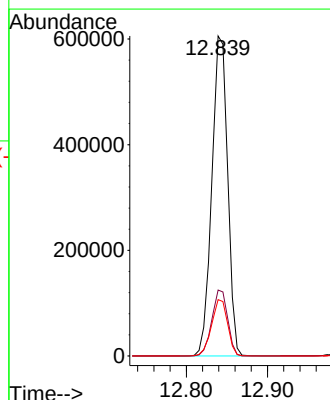
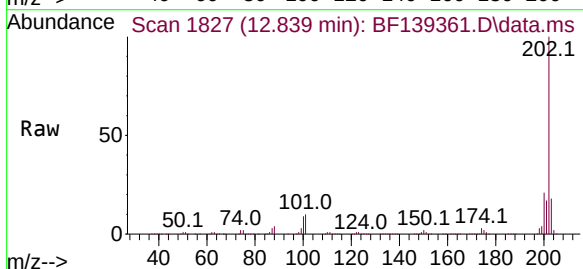
Tgt Ion:202 Resp: 818875

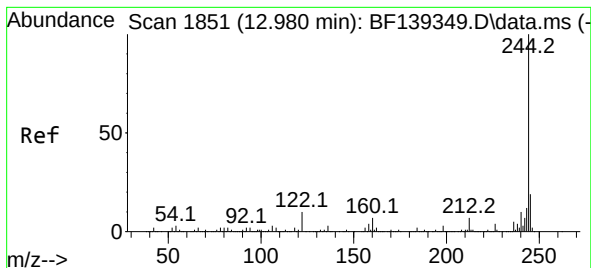
Ion Ratio Lower Upper

202 100

200 20.6 16.2 24.2

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 85.759 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

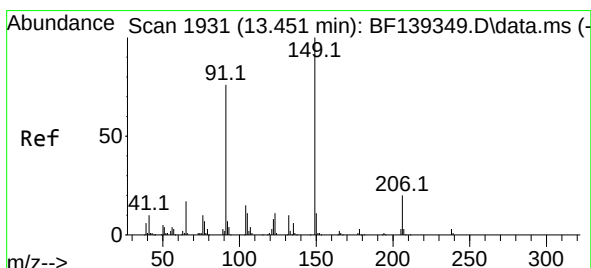
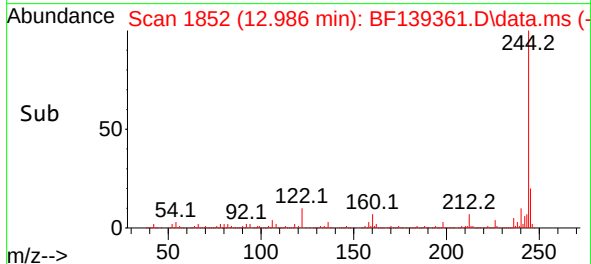
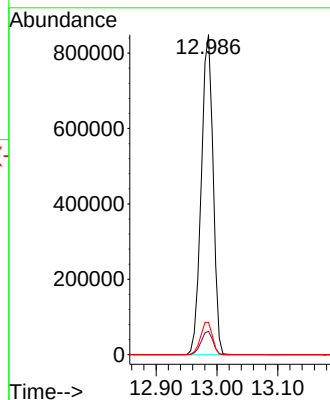
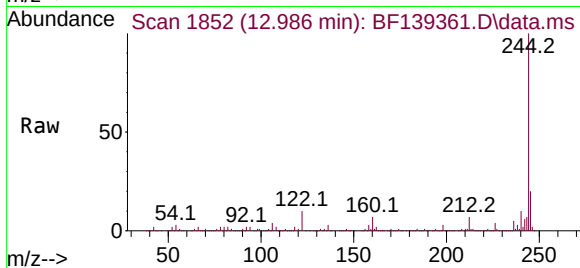
Tgt Ion:244 Resp: 1145944

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.1 7.6 11.4



#80

Butylbenzylphthalate

Concen: 46.444 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

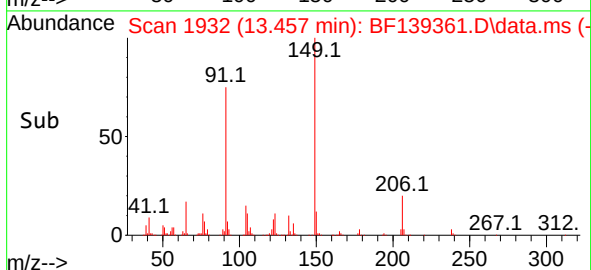
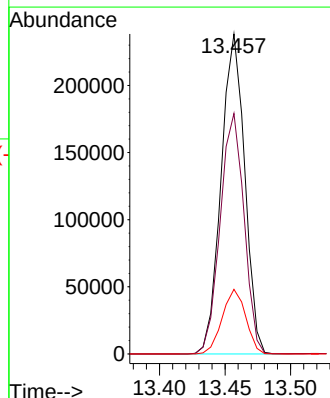
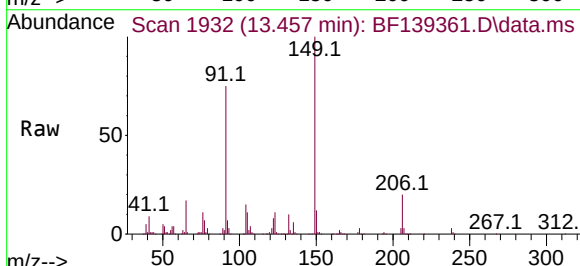
Tgt Ion:149 Resp: 297710

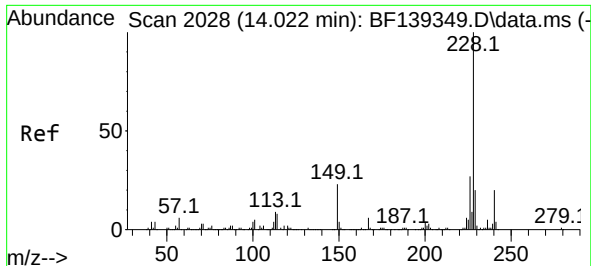
Ion Ratio Lower Upper

149 100

91 75.2 60.9 91.3

206 20.2 15.8 23.8

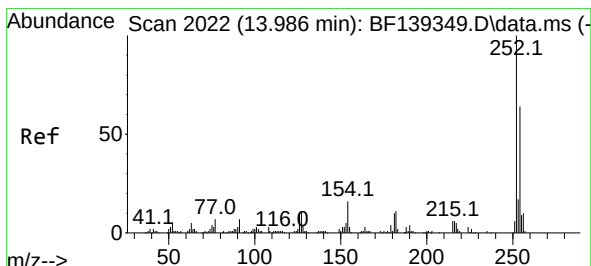
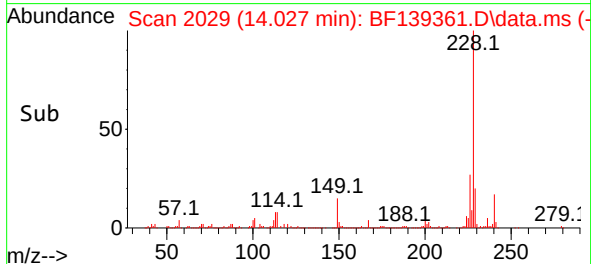
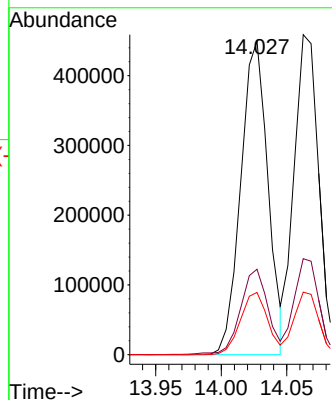
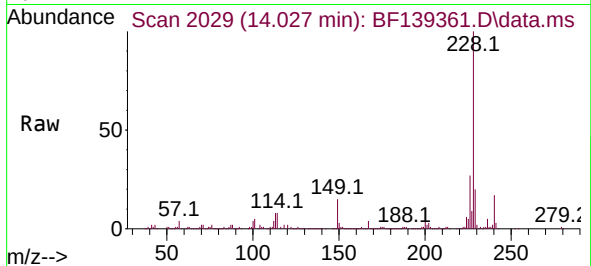




#81
Benzo(a)anthracene
Concen: 44.639 ng
RT: 14.027 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

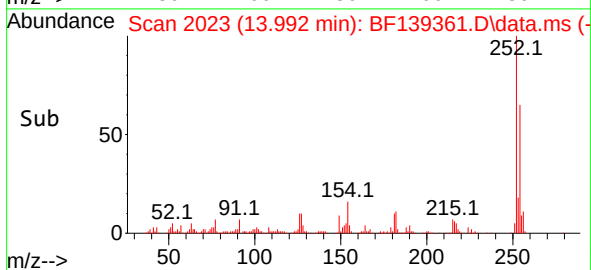
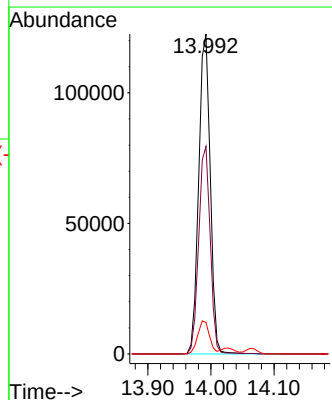
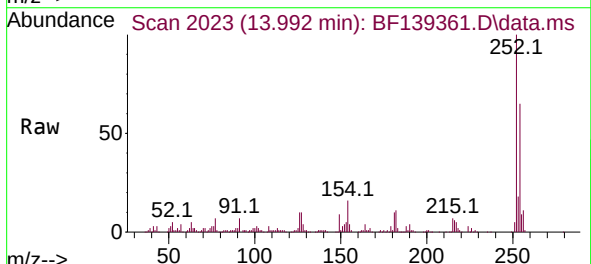
Instrument :
BNA_F
ClientSampleId :
PB163318BS

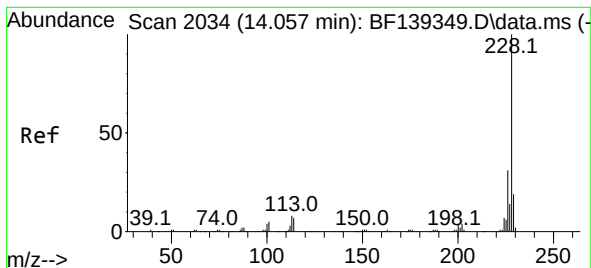
Tgt Ion:228 Resp: 648523
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 36.547 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:252 Resp: 155492
Ion Ratio Lower Upper
252 100
254 64.9 51.4 77.2
126 9.8 7.7 11.5





#83

Chrysene

Concen: 44.681 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

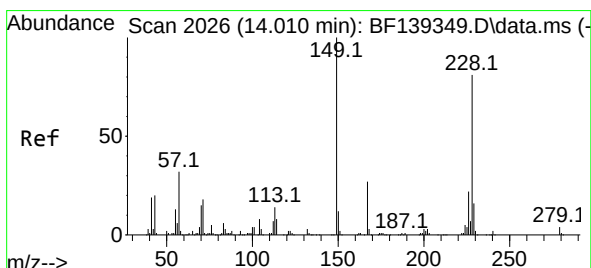
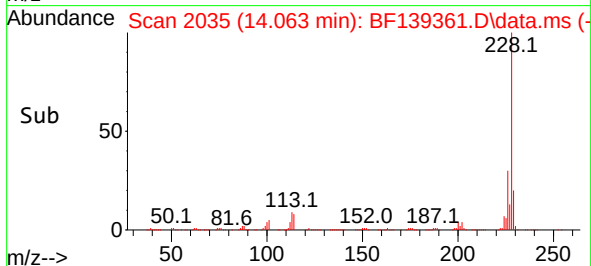
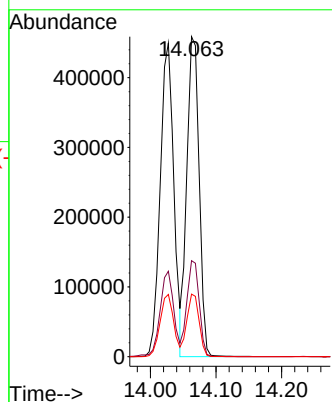
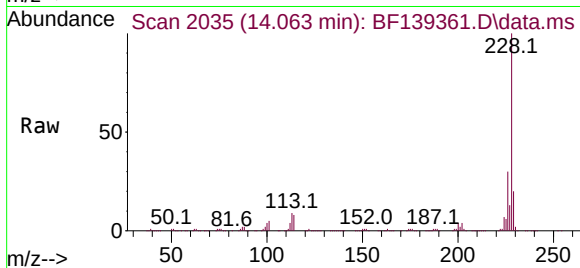
Tgt Ion:228 Resp: 597207

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.5 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.964 ng

RT: 14.015 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

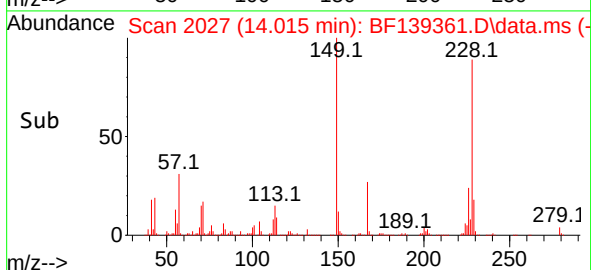
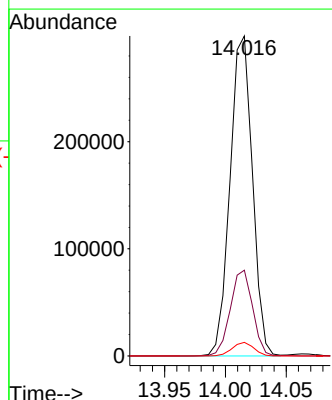
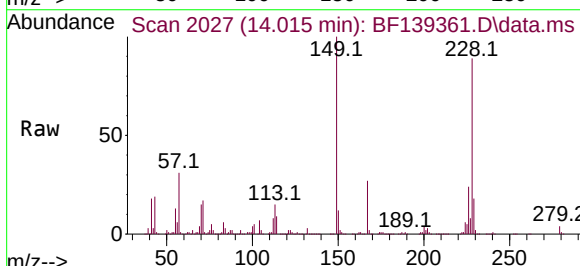
Tgt Ion:149 Resp: 382971

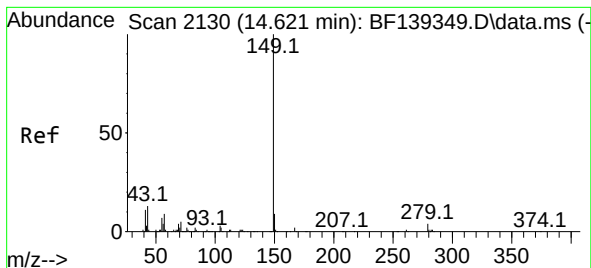
Ion Ratio Lower Upper

149 100

167 26.8 21.6 32.4

279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.006 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

Instrument :

BNA_F

ClientSampleId :

PB163318BS

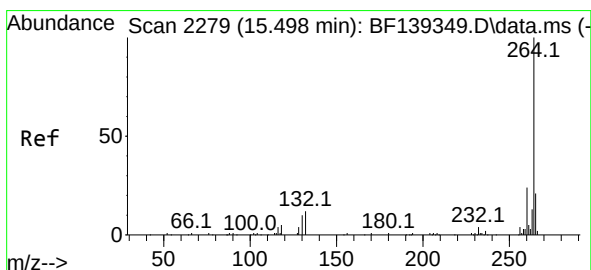
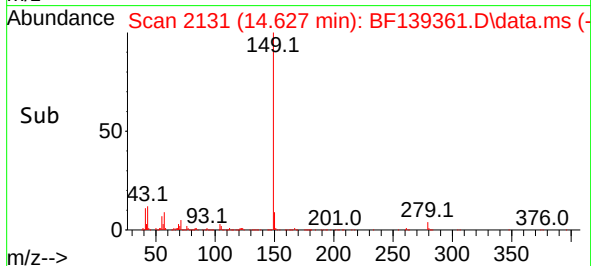
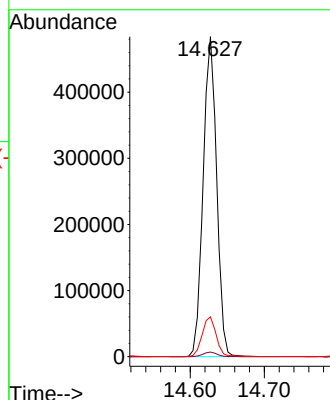
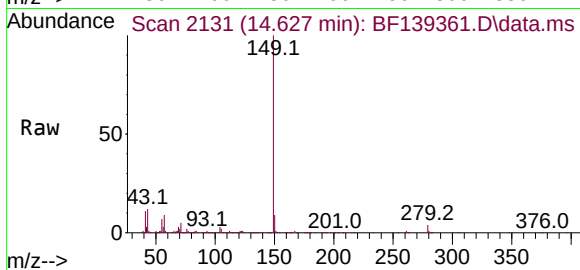
Tgt Ion:149 Resp: 612543

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 12.9 10.6 16.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139361.D

Acq: 14 Sep 2024 11:22

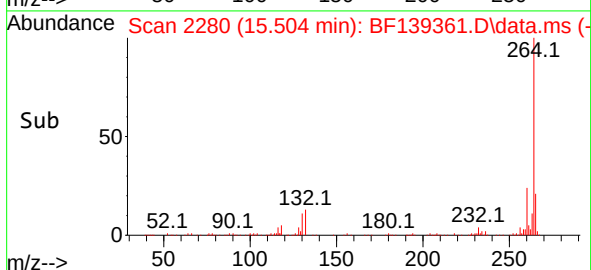
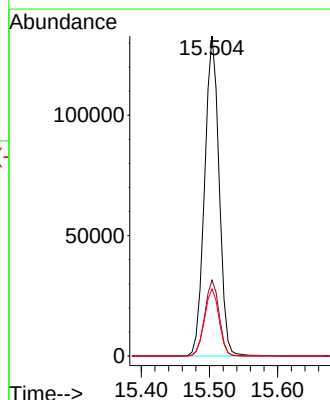
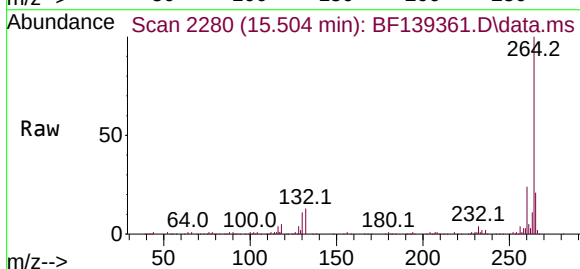
Tgt Ion:264 Resp: 196396

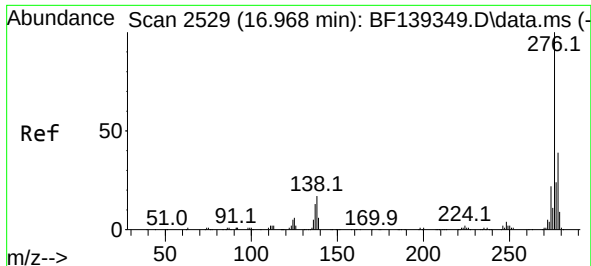
Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.0 16.6 25.0

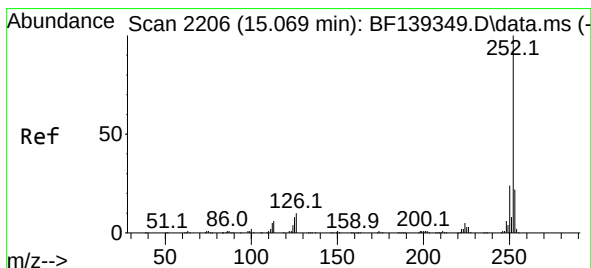
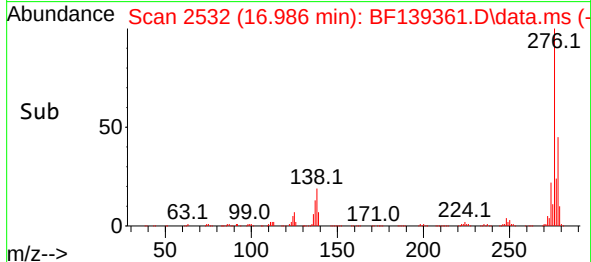
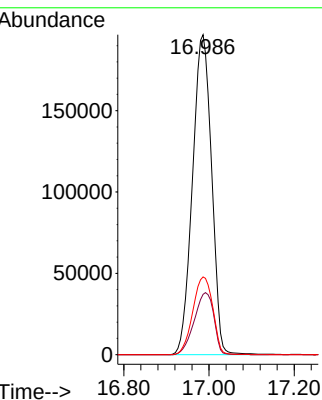
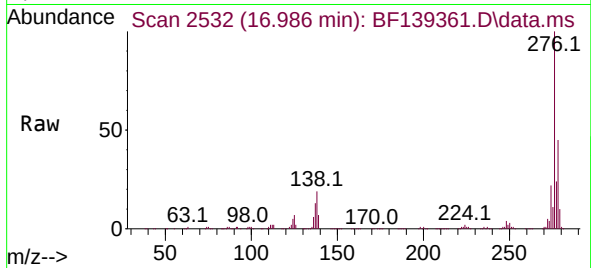




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.358 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF139361.D
 Acq: 14 Sep 2024 11:22

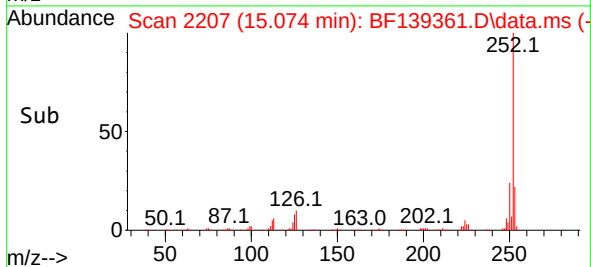
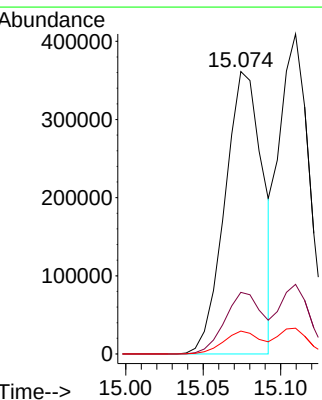
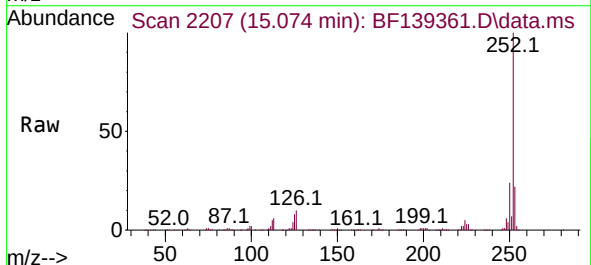
Instrument :
 BNA_F
 ClientSampleId :
 PB163318BS

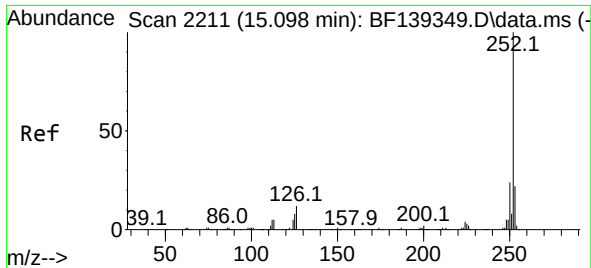
Tgt Ion:276 Resp: 611448
 Ion Ratio Lower Upper
 276 100
 138 19.9 15.4 23.2
 277 25.5 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 50.675 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139361.D
 Acq: 14 Sep 2024 11:22

Tgt Ion:252 Resp: 613800
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.6 26.4
 125 8.1 6.2 9.2

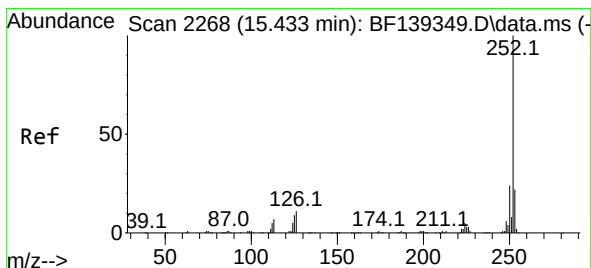
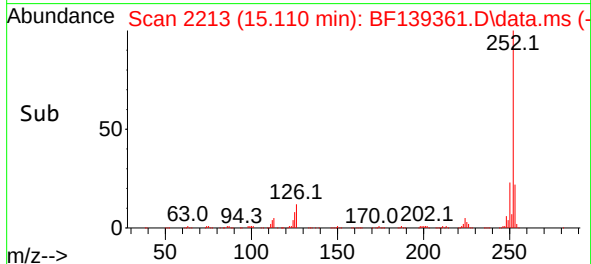
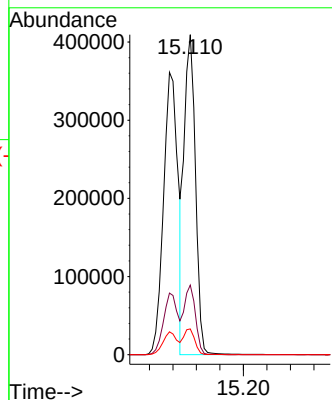
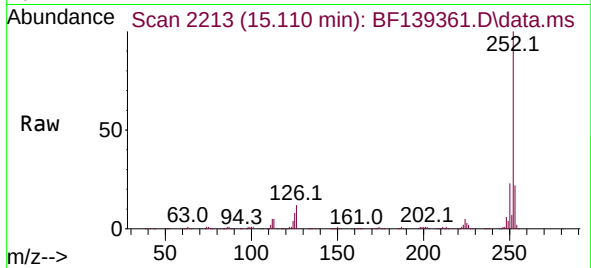




#89
Benzo(k)fluoranthene
Concen: 49.134 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

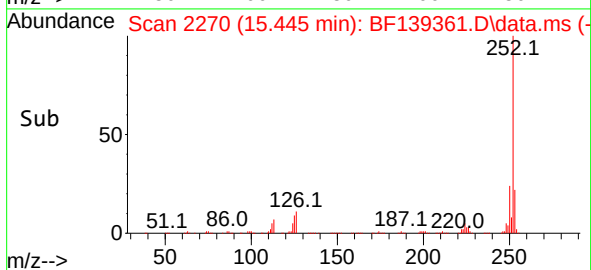
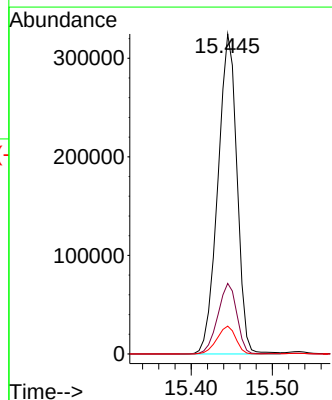
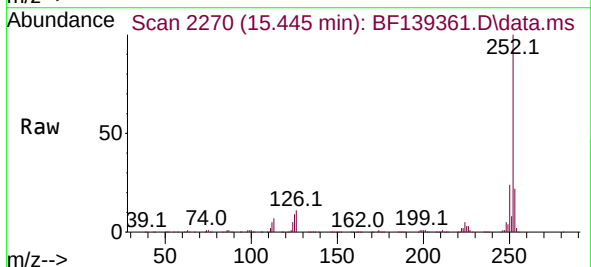
Instrument :
BNA_F
ClientSampleId :
PB163318BS

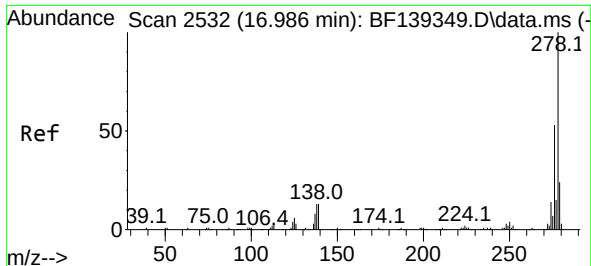
Tgt Ion:252 Resp: 548732
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 8.1 5.9 8.9



#90
Benzo(a)pyrene
Concen: 52.984 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:252 Resp: 532249
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 8.7 6.8 10.2

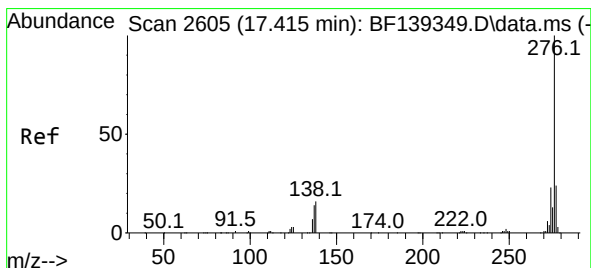
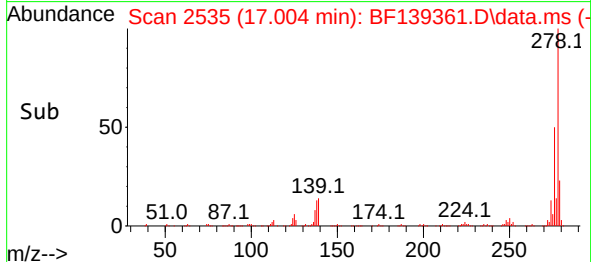
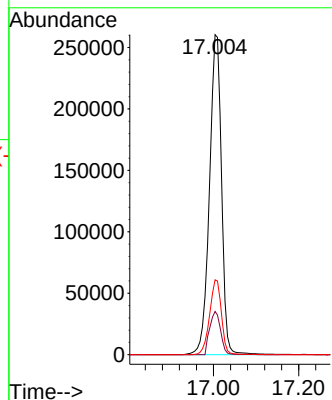
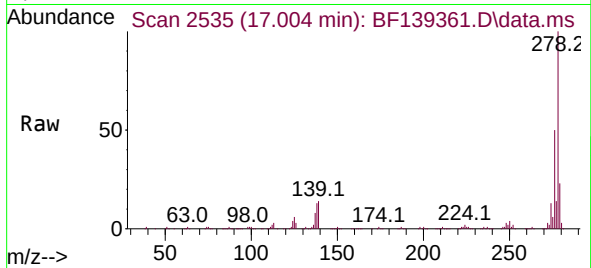




#91
Dibenzo(a,h)anthracene
Concen: 53.078 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Instrument :
BNA_F
ClientSampleId :
PB163318BS

Tgt Ion:278 Resp: 512203
Ion Ratio Lower Upper
278 100
139 13.5 10.2 15.2
279 23.4 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.212 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139361.D
Acq: 14 Sep 2024 11:22

Tgt Ion:276 Resp: 460660
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 17.0 13.0 19.6

