

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139986.D
 Acq On : 24 Oct 2024 01:37
 Operator : RC/JU
 Sample : P4489-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2675

Quant Time: Oct 24 03:15:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	98875	20.000	ng	0.01
21) Naphthalene-d8	8.198	136	108248	20.000	ng	# 0.02
39) Acenaphthene-d10	9.986	164	126425	20.000	ng	# 0.06
64) Phenanthrene-d10	11.474	188	181889	20.000	ng	# 0.06
76) Chrysene-d12	14.080	240	271082	20.000	ng	0.03
86) Perylene-d12	15.539	264	219040	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	676924	107.177	ng	0.00
7) Phenol-d6	6.510	99	757184	92.564	ng	0.00
23) Nitrobenzene-d5	7.463	82	563735	288.636	ng	0.01
42) 2,4,6-Tribromophenol	10.775	330	139879	118.287	ng	0.06
45) 2-Fluorobiphenyl	9.286	172	481405	62.932	ng	0.04
79) Terphenyl-d14	13.039	244	733363	44.083	ng	0.04
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	69425	15.087	ng	# 1
15) Benzyl Alcohol	7.057	79	34719	5.786	ng	# 43
17) 2-Methylphenol	7.181	107	18641	3.386	ng	# 1
18) Hexachloroethane	7.398	117	225257	85.305	ng	# 1
19) n-Nitroso-di-n-propyla...	7.339	70	95130	19.175	ng	# 72
22) Acetophenone	7.304	105	1037463	391.296	ng	# 39
24) Nitrobenzene	7.445	77	284363	132.795	ng	# 52
25) Isophorone	7.739	82	396717	107.019	ng	# 1
26) 2-Nitrophenol	7.834	139	27052	33.487	ng	# 1
27) 2,4-Dimethylphenol	7.998	122	37285	27.679	ng	87
28) bis(2-Chloroethoxy)met...	7.963	93	37410	16.657	ng	# 1
29) 2,4-Dichlorophenol	8.045	162	40929	26.676	ng	# 1
30) 1,2,4-Trichlorobenzene	8.092	180	12245	7.213	ng	# 82
31) Naphthalene	8.233	128	674412	120.802	ng	# 44
32) Benzoic acid	7.998	122	38457	32.733	ng	# 1
33) 4-Chloroaniline	8.216	127	312164	163.981	ng	# 53
35) Caprolactam	8.651	113	317623	651.057	ng	# 18
36) 4-Chloro-3-methylphenol	8.769	107	74400	43.793	ng	# 44
37) 2-Methylnaphthalene	8.933	142	746511	218.334	ng	97
38) 1-Methylnaphthalene	9.033	142	441124	131.500	ng	90
43) 2,4,6-Trichlorophenol	9.210	196	18445	7.638	ng	# 16
44) 2,4,5-Trichlorophenol	9.210	196	18445	7.404	ng	# 1
46) 1,1'-Biphenyl	9.392	154	189310	21.510	ng	95
47) 2-Chloronaphthalene	9.451	162	16913	2.386	ng	# 1
48) 2-Nitroaniline	9.528	65	63044	29.080	ng	# 30
49) Acenaphthylene	9.845	152	21194	2.068	ng	# 1
50) Dimethylphthalate	9.686	163	34620	4.396	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	23964	14.055	ng	# 80
52) Acenaphthene	10.022	154	23047	3.477	ng	# 1
53) 3-Nitroaniline	9.980	138	34125	19.408	ng	# 50
54) 2,4-Dinitrophenol	10.028	184	1169	8.044	ng	# 1
55) Dibenzofuran	10.186	168	49646	5.220	ng	# 1
56) 4-Nitrophenol	10.098	139	73638	54.435	ng	# 1
57) 2,4-Dinitrotoluene	10.227	165	61400	29.283	ng	# 53
58) Fluorene	10.533	166	97941	13.519	ng	# 16
59) 2,3,4,6-Tetrachlorophenol	10.298	232	6185	3.167	ng	# 38

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

60) Diethylphthalate	10.404	149	73751	9.539	ng	# 39
61) 4-Chlorophenyl-phenyle...	10.469	204	16781	4.587	ng	# 1
62) 4-Nitroaniline	10.480	138	27457	16.534	ng	# 46
63) Azobenzene	10.686	77	100161	12.219	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.557	198	2044	2.755	ng	# 1
66) n-Nitrosodiphenylamine	10.445	169	18223	3.347	ng	94
67) 4-Bromophenyl-phenylether	10.980	248	7592	4.052	ng	# 1
69) Atrazine	11.145	200	31846	21.595	ng	# 50
71) Phenanthrene	11.498	178	143336	16.683	ng	# 36
72) Anthracene	11.598	178	87744	10.467	ng	# 1
73) Carbazole	11.745	167	32304	4.144	ng	# 1
75) Fluoranthene	12.910	202	245570	28.274	ng	89
77) Benzidine	12.763	184	9513	2.134	ng	# 1
81) Benzo(a)anthracene	14.068	228	38114	2.160	ng	# 37
83) Chrysene	14.104	228	47776	2.953	ng	# 67
84) Bis(2-ethylhexyl)phtha...	14.045	149	212379	26.609	ng	# 93
88) Benzo(b)fluoranthene	15.110	252	72495	5.433	ng	# 80
89) Benzo(k)fluoranthene	15.110	252	72495	6.300	ng	# 80
90) Benzo(a)pyrene	15.474	252	26580	2.421	ng	# 74

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

Instrument :

BNA F

ClientSampleId :

RT-2675

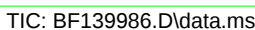
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Oct 18 15:07:50 2024

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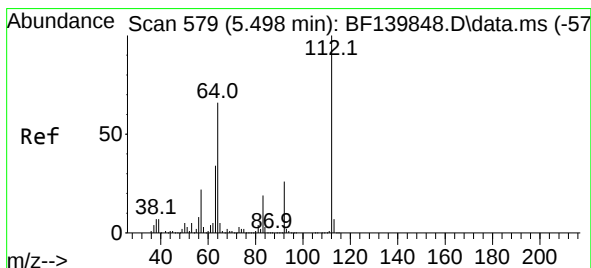
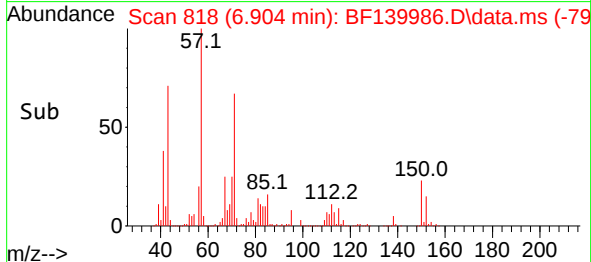
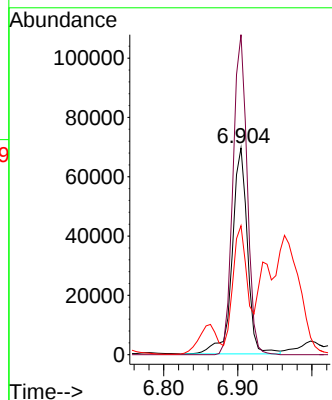
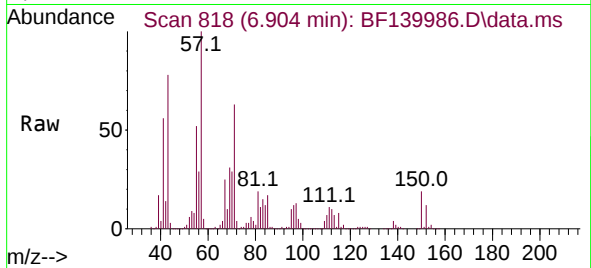




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 816
Delta R.T. 0.012 min
Lab File: BF139986.D
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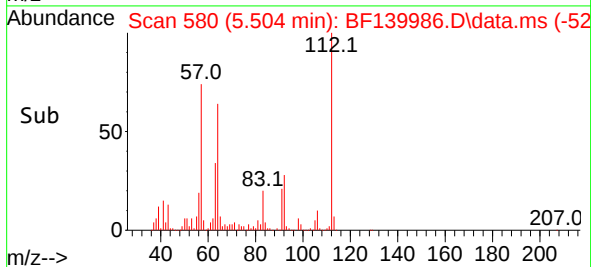
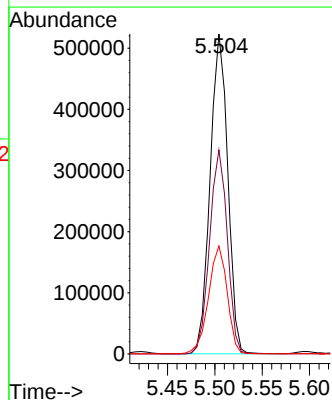
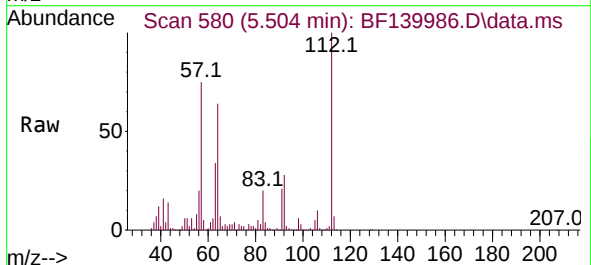
Instrument :
BNA_F
ClientSampleId :
RT-2675

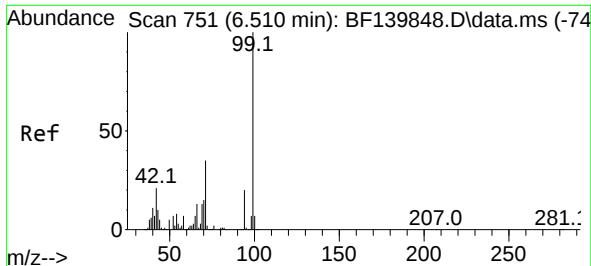
Tgt Ion:152 Resp: 98875
Ion Ratio Lower Upper
152 100
150 154.8 130.2 195.2
115 62.4 51.4 77.2



#5
2-Fluorophenol
Concen: 107.177 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:112 Resp: 676924
Ion Ratio Lower Upper
112 100
64 63.7 53.0 79.6
63 33.7 27.0 40.4

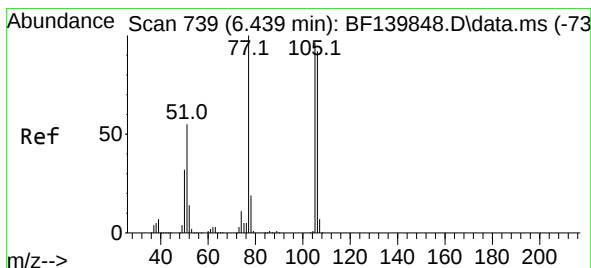
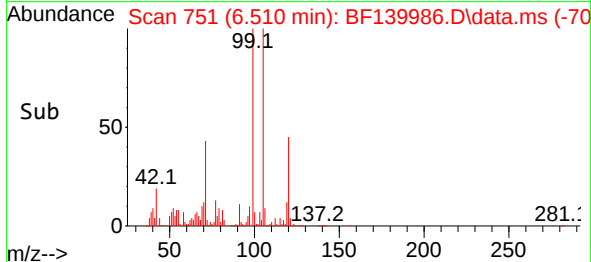
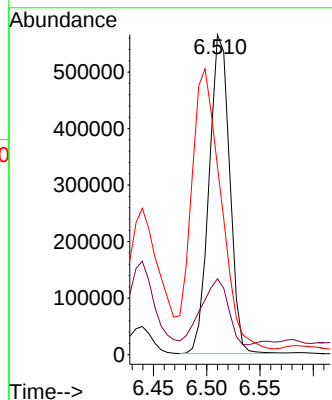
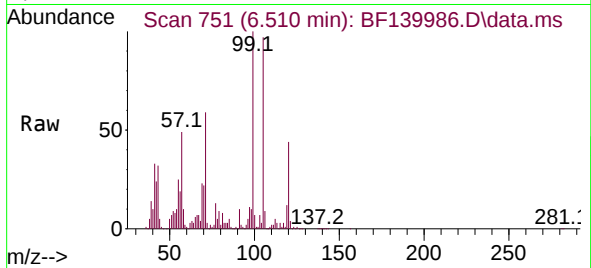




#7
Phenol-d6
Concen: 92.564 ng
RT: 6.510 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

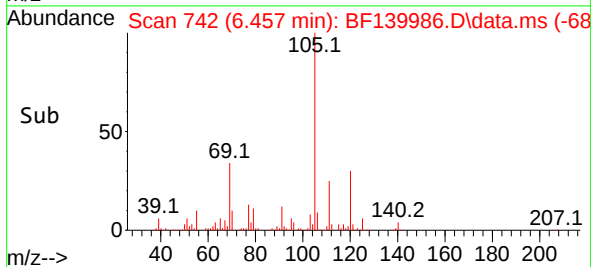
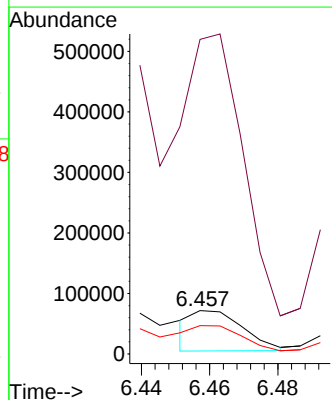
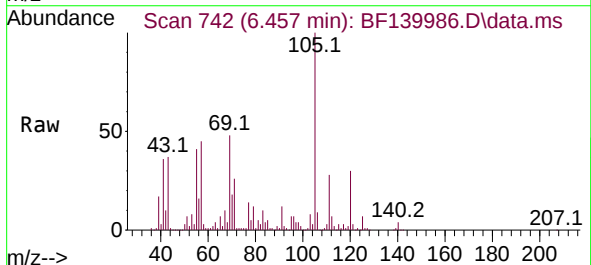
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ClientSampleId :
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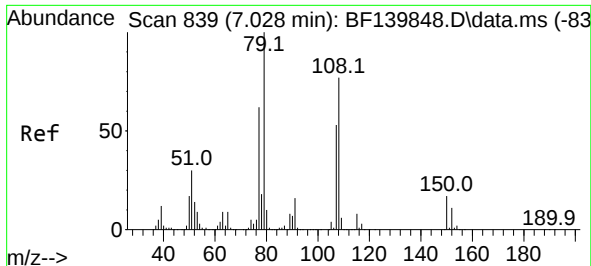
Tgt Ion: 99 Resp: 757184
Ion Ratio Lower Upper
99 100
42 23.7 16.7 25.1
71 58.8 27.7 41.5#



#9
Benzaldehyde
Concen: 15.087 ng
RT: 6.457 min Scan# 742
Delta R.T. 0.018 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion: 77 Resp: 69425
Ion Ratio Lower Upper
77 100
105 726.4 75.5 115.5#
106 65.6 71.7 111.7#

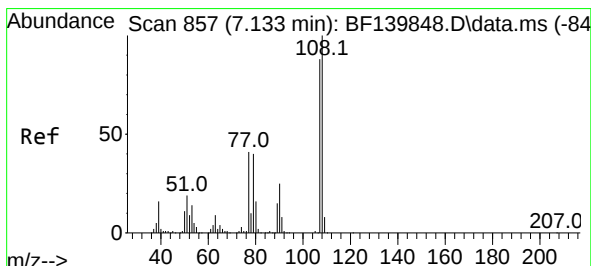
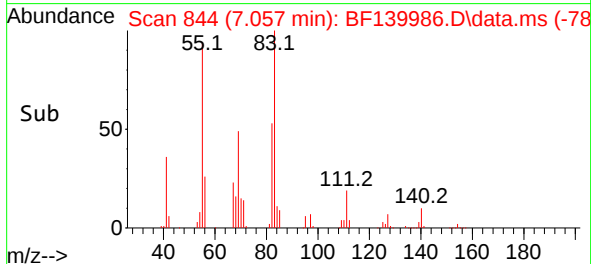
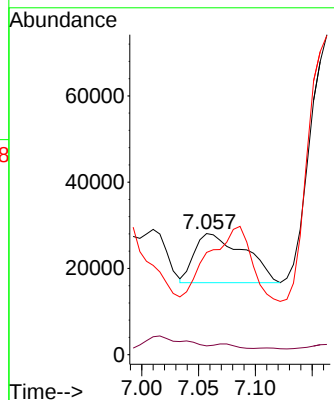
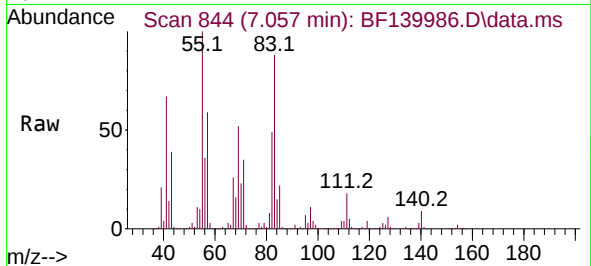




#15
Benzyl Alcohol
Concen: 5.786 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.029 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

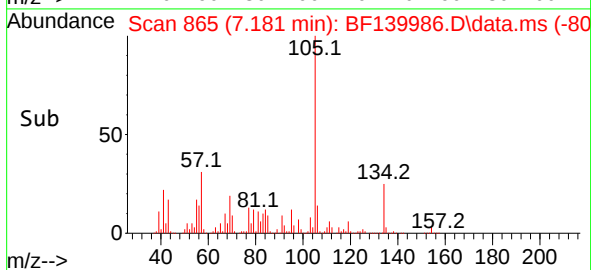
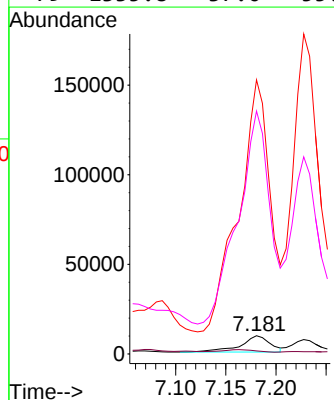
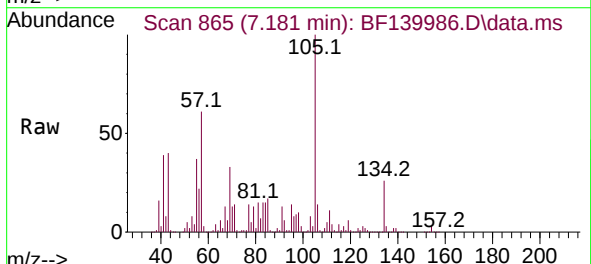
Instrument :
BNA_F
ClientSampleId :
RT-2675

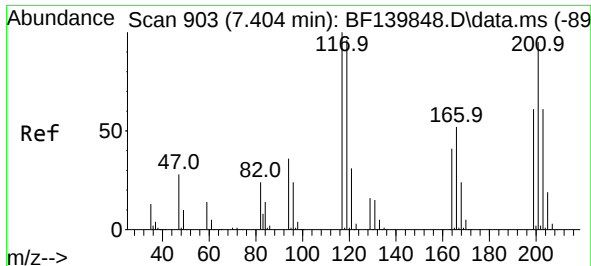
Tgt Ion: 79 Resp: 34719
Ion Ratio Lower Upper
79 100
108 7.2 61.4 92.0#
77 84.4 49.9 74.9#



#17
2-Methylphenol
Concen: 3.386 ng
RT: 7.181 min Scan# 865
Delta R.T. 0.047 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion: 107 Resp: 18641
Ion Ratio Lower Upper
107 100
108 17.1 91.3 136.9#
77 1506.7 37.1 55.7#
79 1335.8 37.0 55.6#

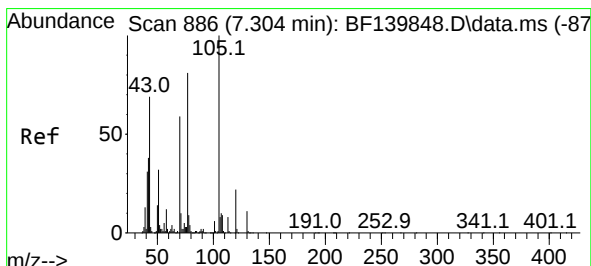
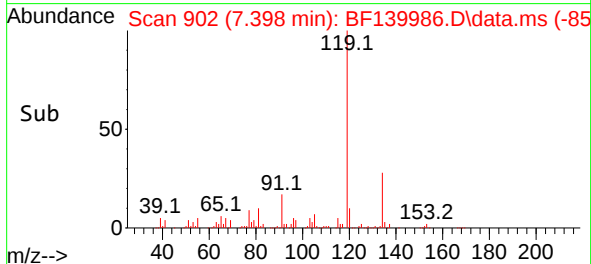
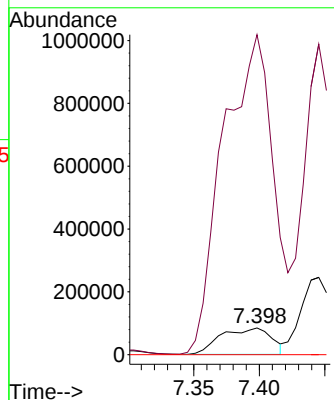
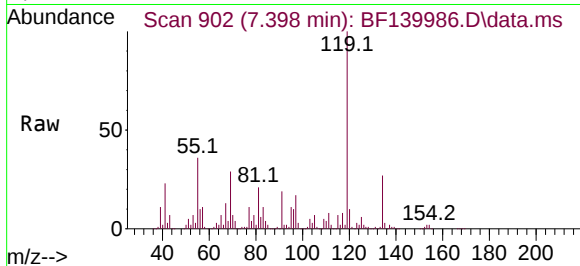




#18
Hexachloroethane
Concen: 85.305 ng
RT: 7.398 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

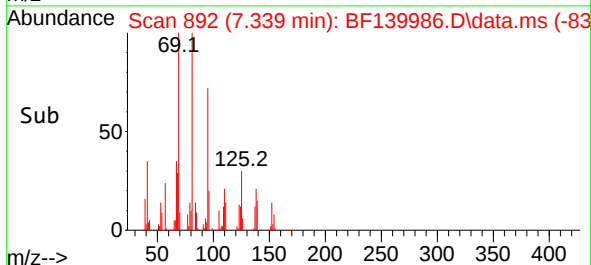
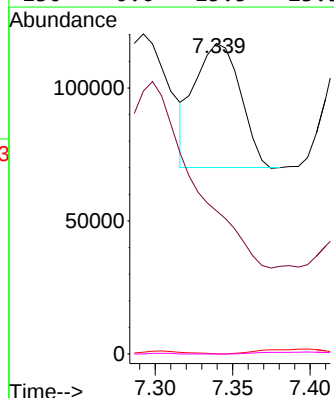
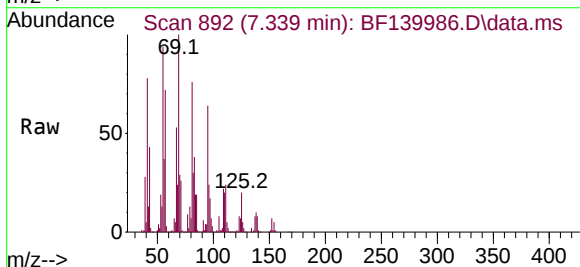
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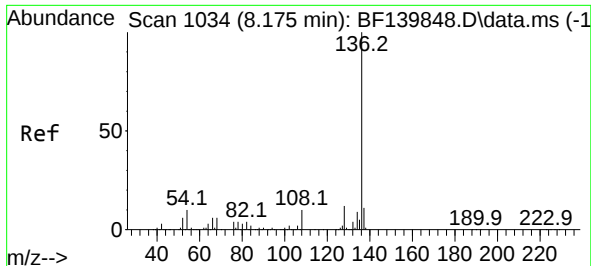
Tgt Ion:117 Resp: 225257
Ion Ratio Lower Upper
117 100
119 1199.0 77.0 115.4#
201 0.0 76.2 114.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.175 ng
RT: 7.339 min Scan# 892
Delta R.T. 0.035 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion: 70 Resp: 95130
Ion Ratio Lower Upper
70 100
42 46.1 51.5 77.3#
101 0.0 7.5 11.3#
130 0.0 15.5 23.3#

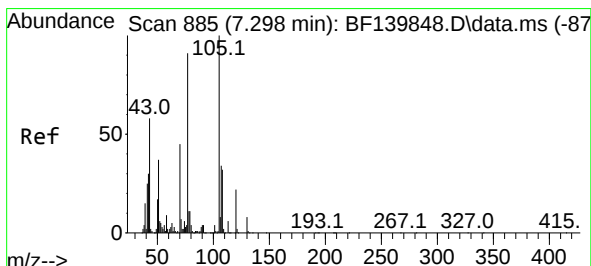
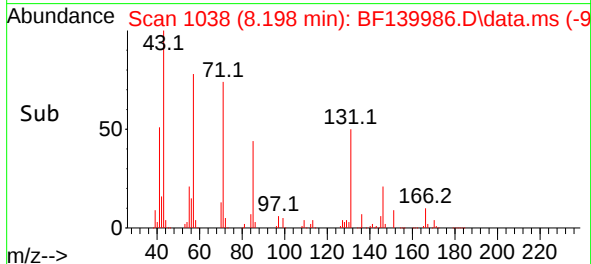
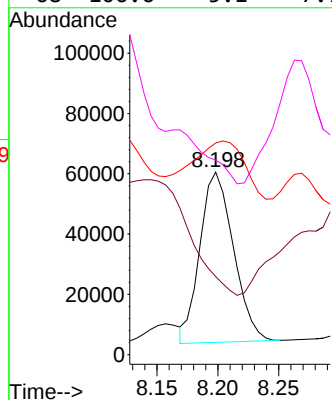
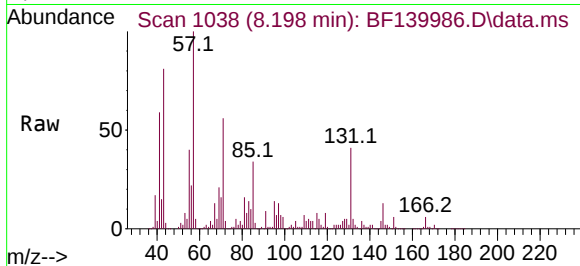




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1038
Delta R.T. 0.024 min
Lab File: BF139986.D
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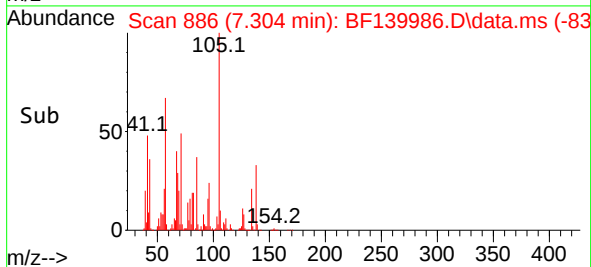
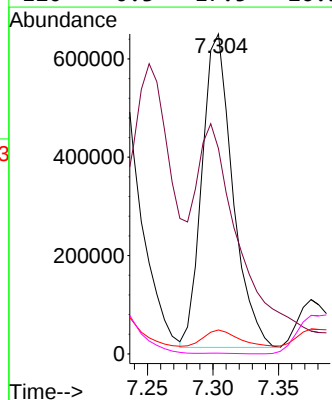
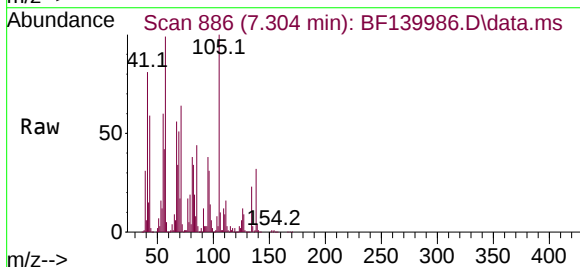
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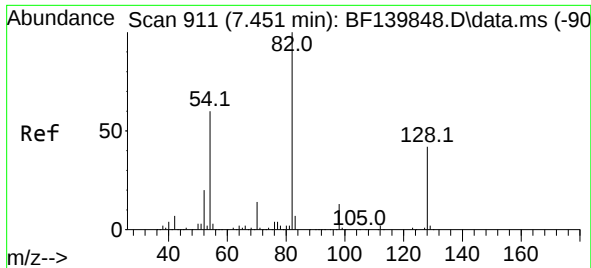
Tgt Ion:136 Resp: 108248
Ion Ratio Lower Upper
136 100
137 42.8 8.6 12.8#
54 116.0 8.4 12.6#
68 106.6 5.1 7.7#



#22
Acetophenone
Concen: 391.296 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139986.D
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Tgt Ion:105 Resp: 1037463
Ion Ratio Lower Upper
105 100
71 64.2 5.9 8.9#
51 7.5 29.4 44.2#
120 0.3 17.5 26.3#

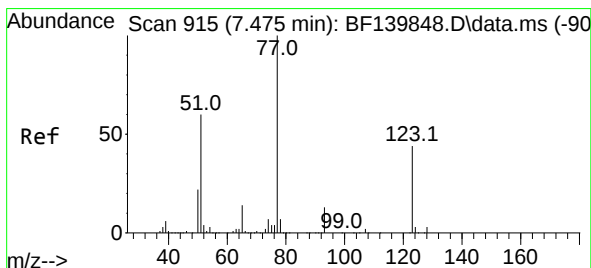
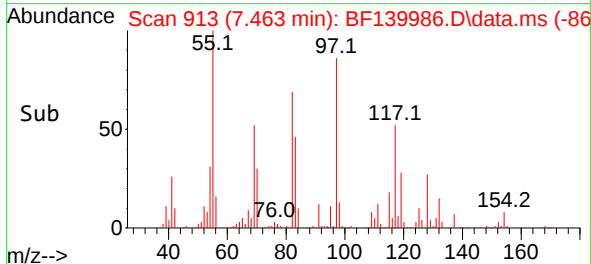
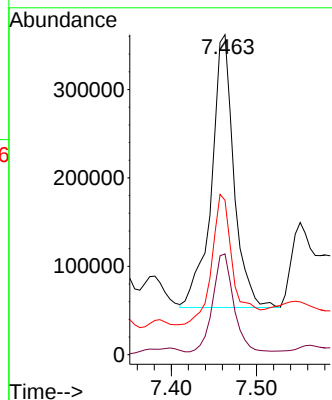
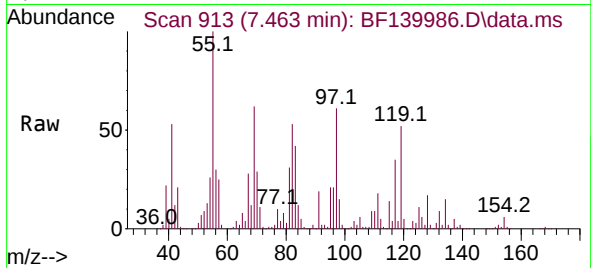




#23
Nitrobenzene-d5
Concen: 288.636 ng
RT: 7.463 min Scan# 911
Delta R.T. 0.012 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

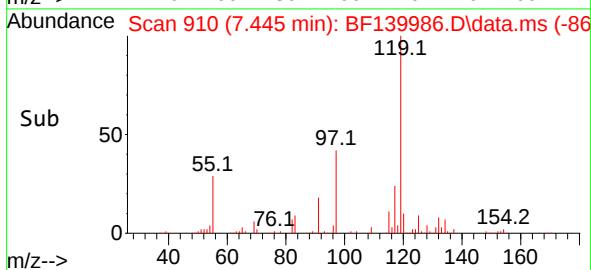
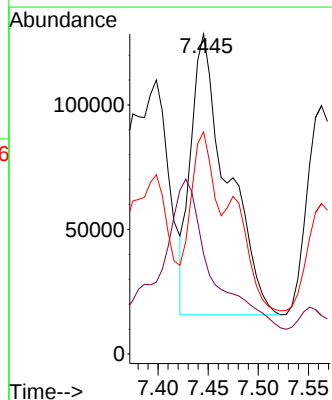
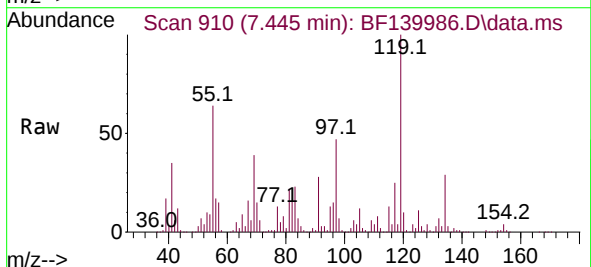
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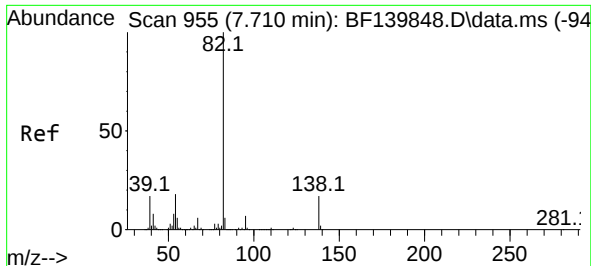
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Ion Ratio Lower Upper
82 100
128 31.5 33.4 50.0#
54 48.3 47.8 71.8



#24
Nitrobenzene
Concen: 132.795 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.029 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion: 77 Resp: 284363
Ion Ratio Lower Upper
77 100
123 31.3 35.7 53.5#
65 69.4 11.5 17.3#

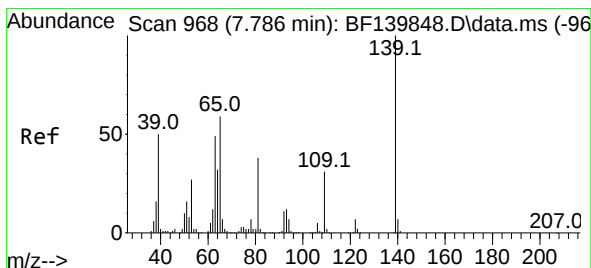
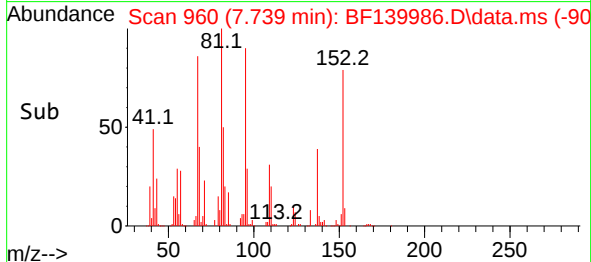
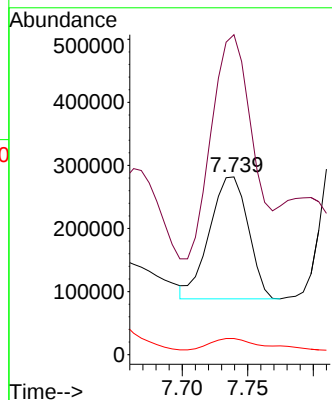
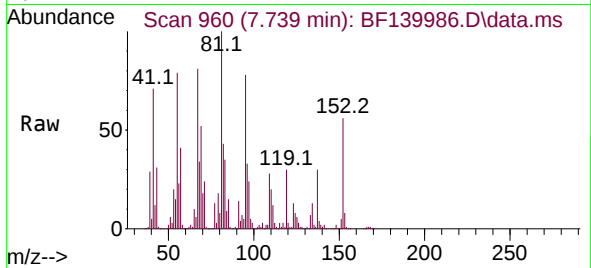




#25
Isophorone
Concen: 107.019 ng
RT: 7.739 min Scan# 90
Delta R.T. 0.029 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

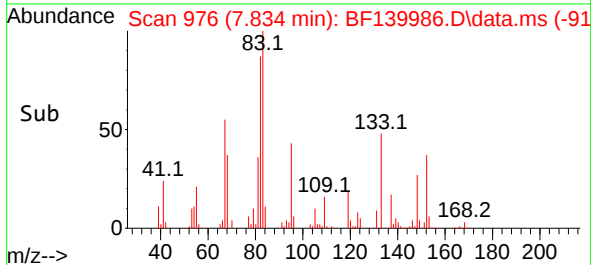
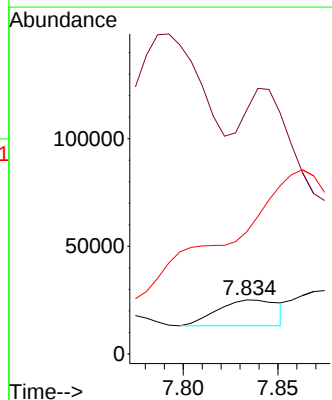
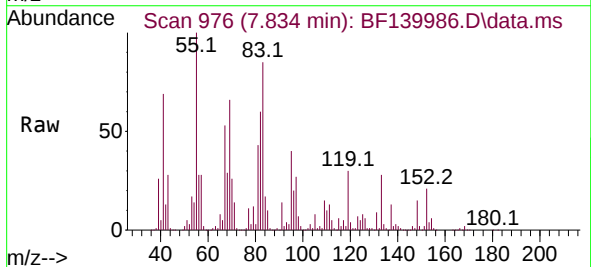
Instrument :
BNA_F
ClientSampleId :
RT-2675

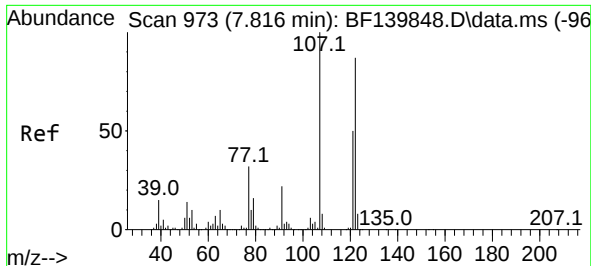
Tgt Ion: 82 Resp: 396717
Ion Ratio Lower Upper
82 100
95 180.1 5.5 8.3#
138 9.1 13.2 19.8#



#26
2-Nitrophenol
Concen: 33.487 ng
RT: 7.834 min Scan# 976
Delta R.T. 0.047 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

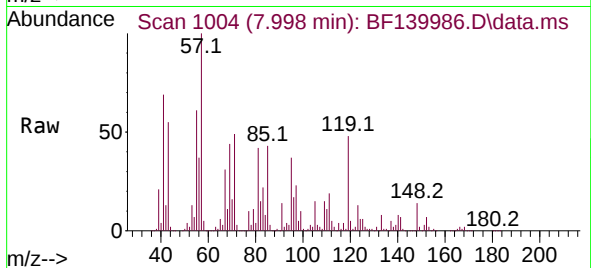
Tgt Ion:139 Resp: 27052
Ion Ratio Lower Upper
139 100
109 451.7 25.1 37.7#
65 226.5 47.5 71.3#



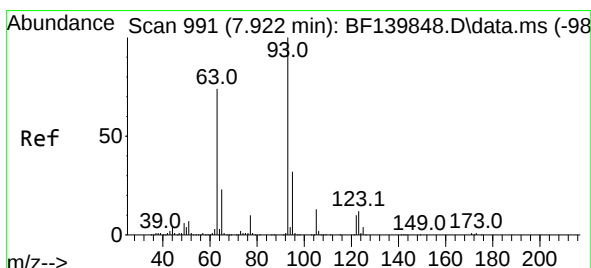
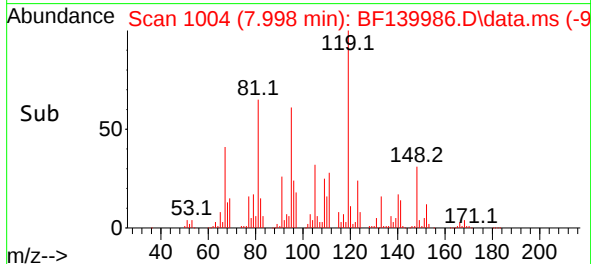
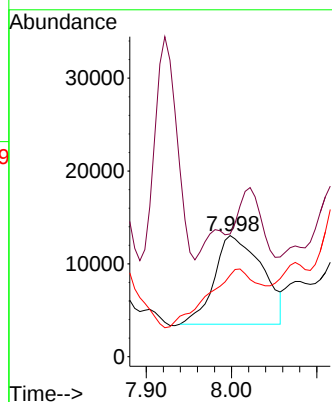


#27
2,4-Dimethylphenol
Concen: 27.679 ng
RT: 7.998 min Scan# 1004
Delta R.T. 0.182 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Instrument :
BNA_F
ClientSampleId :
RT-2675

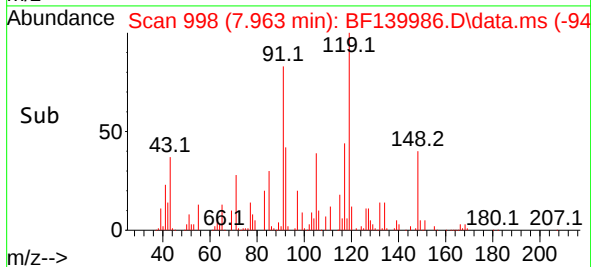
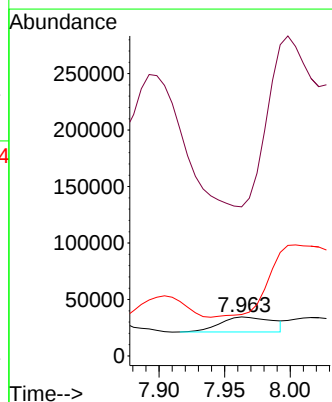
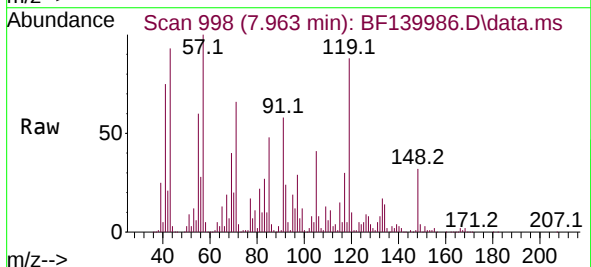


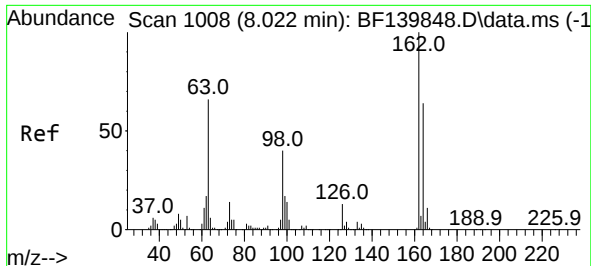
Tgt Ion:122 Resp: 37285
Ion Ratio Lower Upper
122 100
107 101.3 91.9 137.9
121 67.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 16.657 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.041 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion: 93 Resp: 37410
Ion Ratio Lower Upper
93 100
95 382.5 26.0 39.0#
123 106.4 9.8 14.8#





#29

2,4-Dichlorophenol

Concen: 26.676 ng

RT: 8.045 min Scan# 1012

Delta R.T. 0.024 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

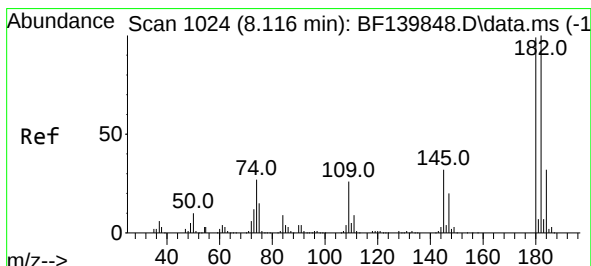
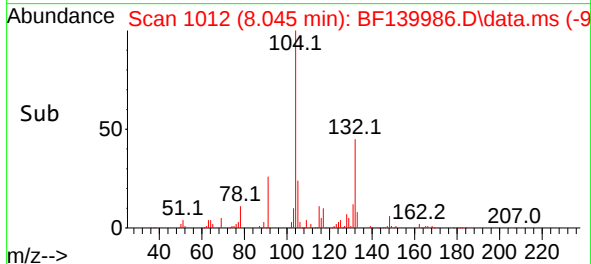
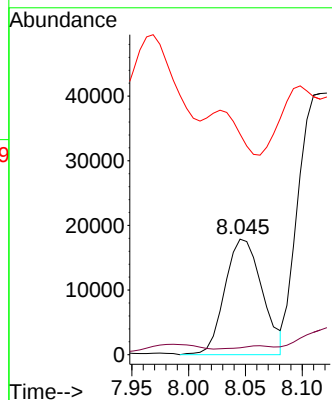
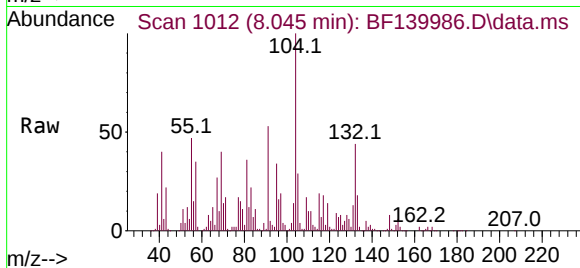
Tgt Ion:162 Resp: 40929

Ion Ratio Lower Upper

162 100

164 6.0 43.9 83.9#

98 191.1 19.9 59.9#



#30

1,2,4-Trichlorobenzene

Concen: 7.213 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.023 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

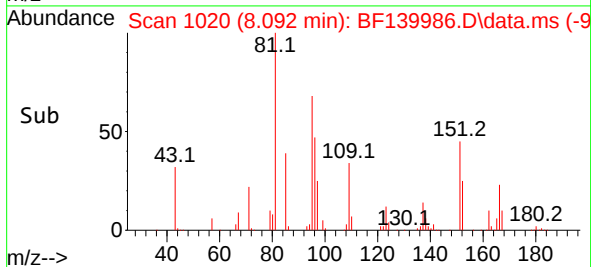
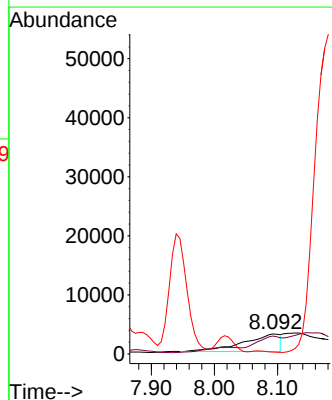
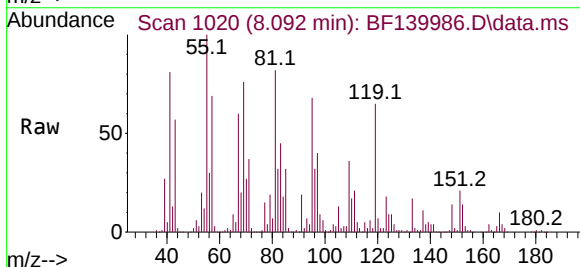
Tgt Ion:180 Resp: 12245

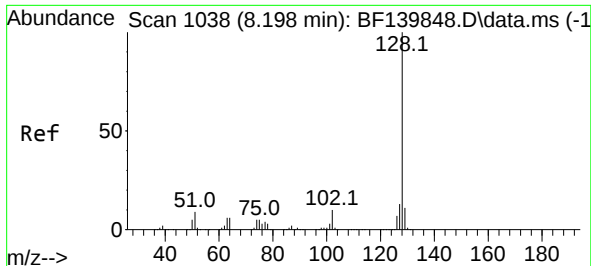
Ion Ratio Lower Upper

180 100

182 89.9 80.5 120.7

145 9.5 25.4 38.0#

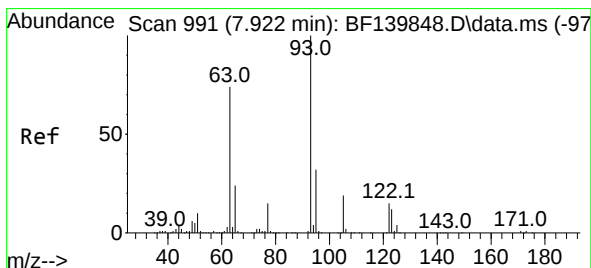
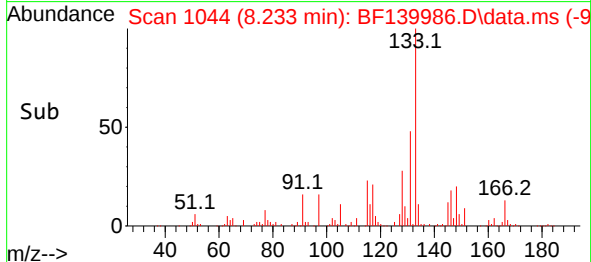
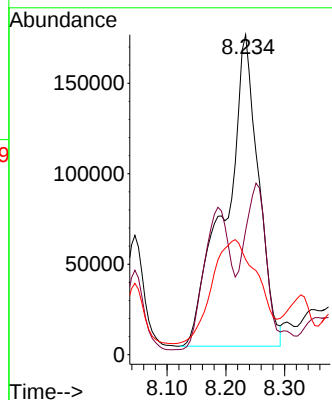
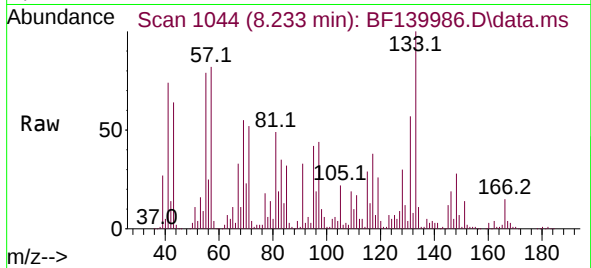




#31
Naphthalene
Concen: 120.802 ng
RT: 8.233 min Scan# 1044
Delta R.T. 0.035 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

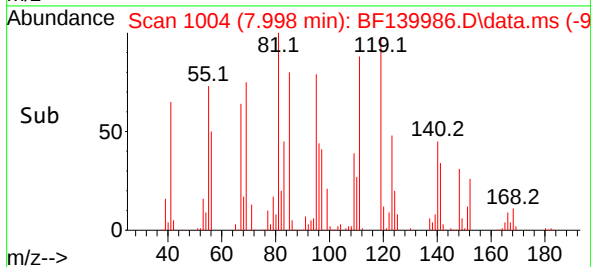
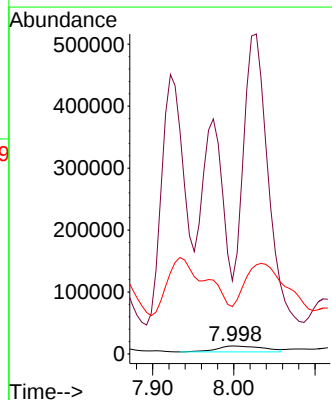
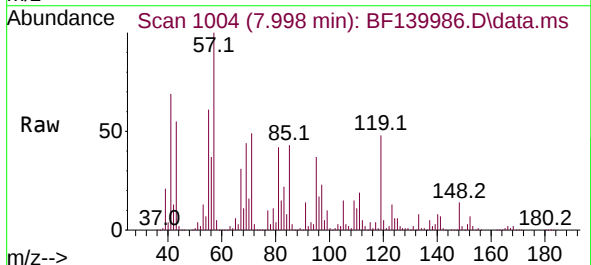
Instrument :
BNA_F
ClientSampleId :
RT-2675

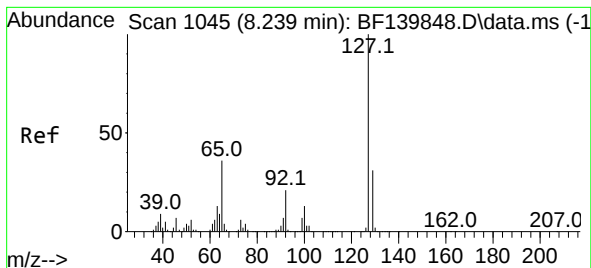
Tgt Ion:128 Resp: 674412
Ion Ratio Lower Upper
128 100
129 38.8 8.9 13.3#
127 29.8 10.6 16.0#



#32
Benzoic acid
Concen: 32.733 ng
RT: 7.998 min Scan# 1004
Delta R.T. 0.076 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:122 Resp: 38457
Ion Ratio Lower Upper
122 100
105 906.6 107.6 147.6#
77 586.9 80.2 120.2#





#33

4-Chloroaniline

Concen: 163.981 ng

RT: 8.216 min Scan# 1115

Delta R.T. -0.023 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

Tgt Ion:127 Resp: 312164

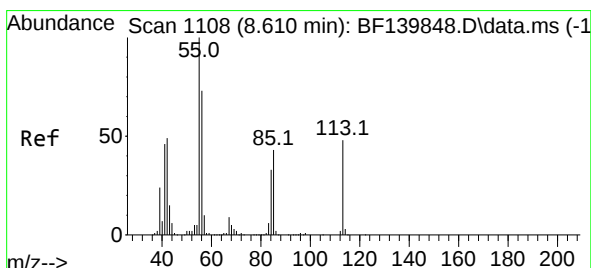
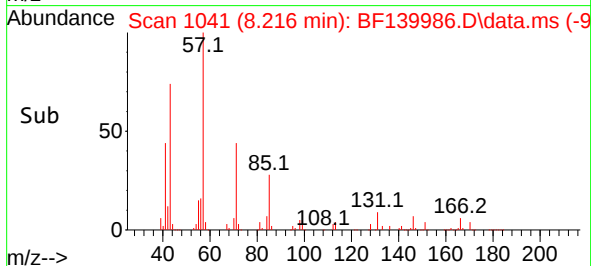
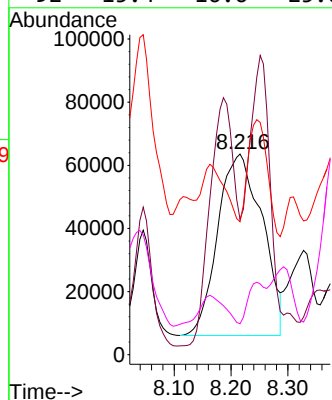
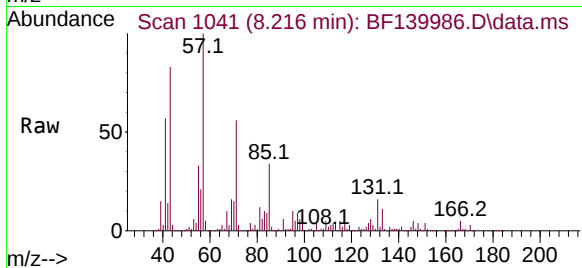
Ion Ratio Lower Upper

127 100

129 67.5 25.4 38.2#

65 66.2 28.4 42.6#

92 15.4 16.6 25.0#



#35

Caprolactam

Concen: 651.057 ng

RT: 8.651 min Scan# 1115

Delta R.T. 0.041 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

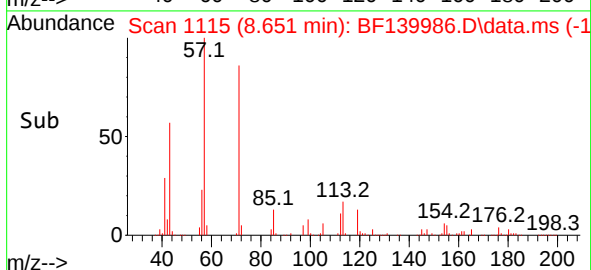
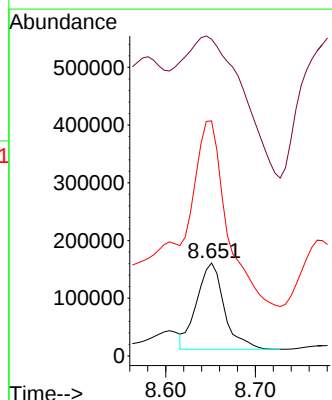
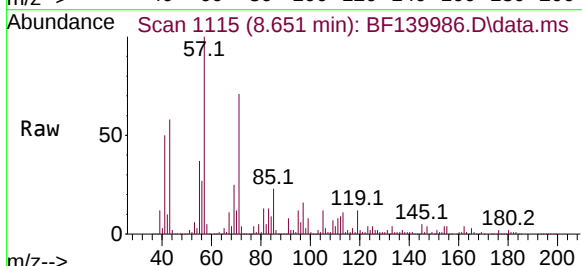
Tgt Ion:113 Resp: 317623

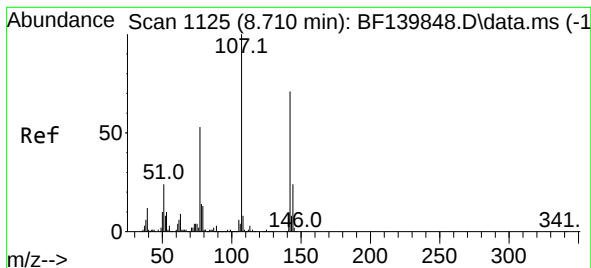
Ion Ratio Lower Upper

113 100

55 341.0 189.2 229.2#

56 253.0 132.5 172.5#

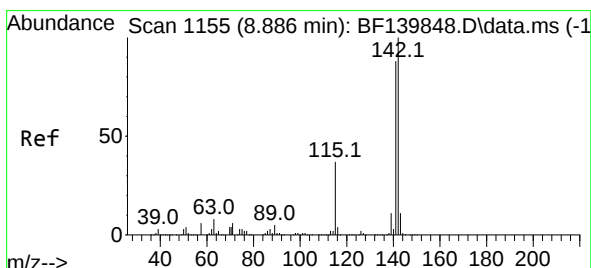
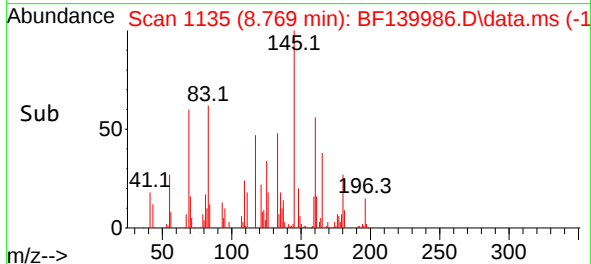
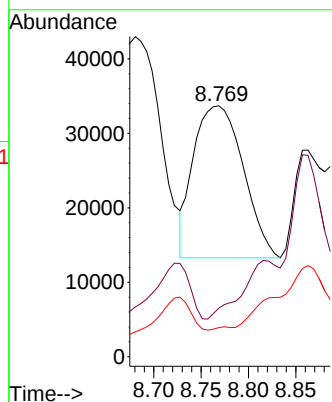
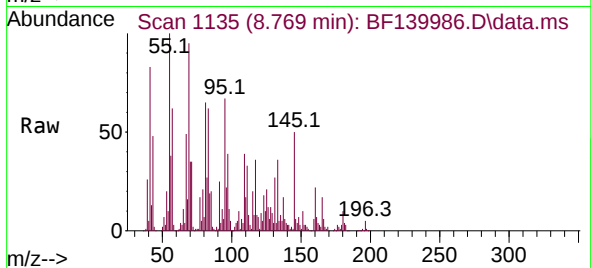




#36
4-Chloro-3-methylphenol
Concen: 43.793 ng
RT: 8.769 min Scan# 1125
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

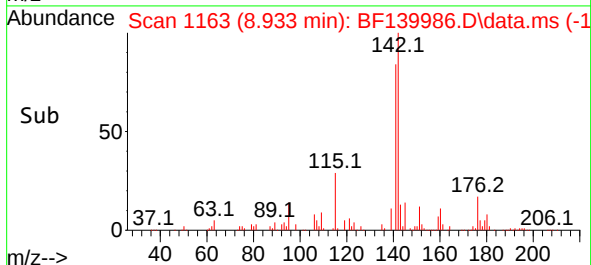
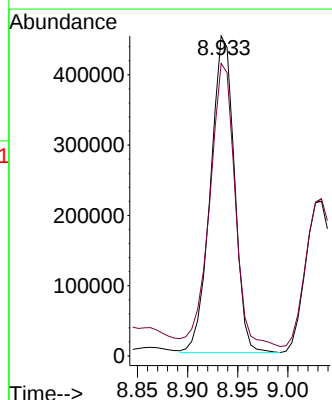
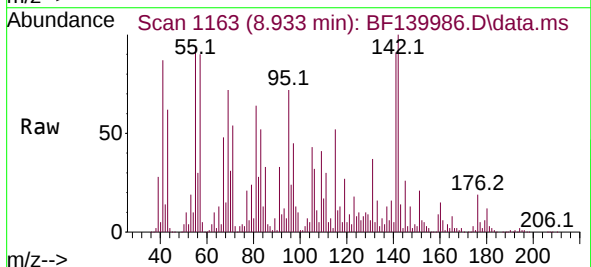
Instrument :
BNA_F
ClientSampleId :
RT-2675

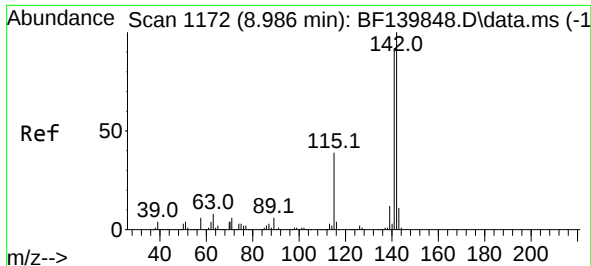
Tgt Ion:107 Resp: 74400
Ion Ratio Lower Upper
107 100
144 19.4 19.1 28.7
142 11.6 57.2 85.8#



#37
2-Methylnaphthalene
Concen: 218.334 ng
RT: 8.933 min Scan# 1163
Delta R.T. 0.047 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:142 Resp: 746511
Ion Ratio Lower Upper
142 100
141 91.4 70.8 106.2

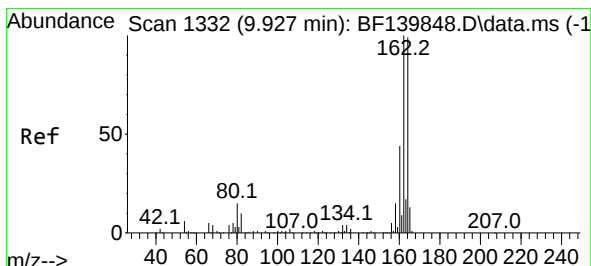
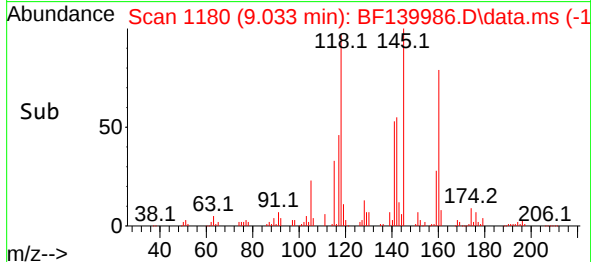
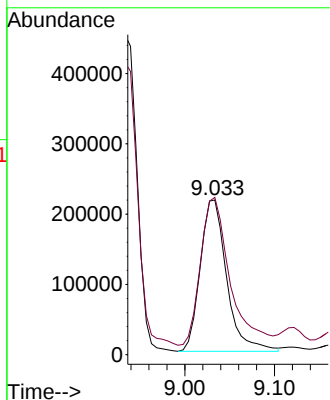
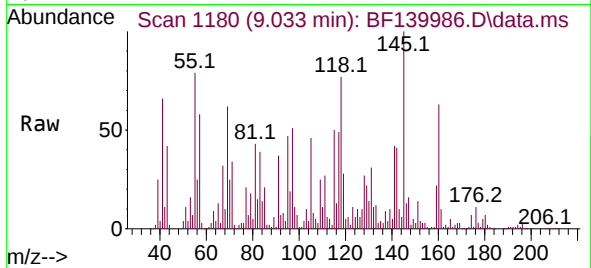




#38
1-Methylnaphthalene
Concen: 131.500 ng
RT: 9.033 min Scan# 1172
Delta R.T. 0.047 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

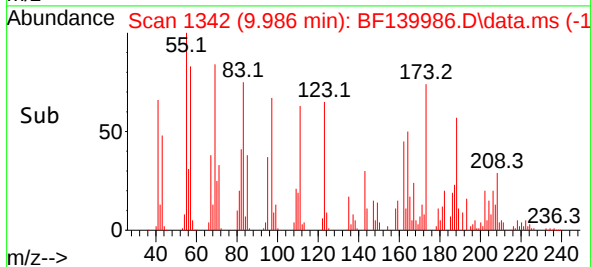
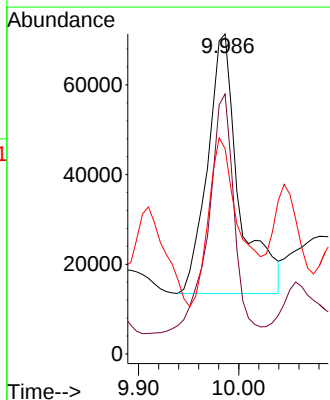
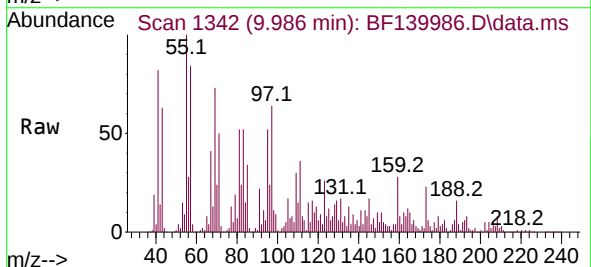
Instrument :
BNA_F
ClientSampleId :
RT-2675

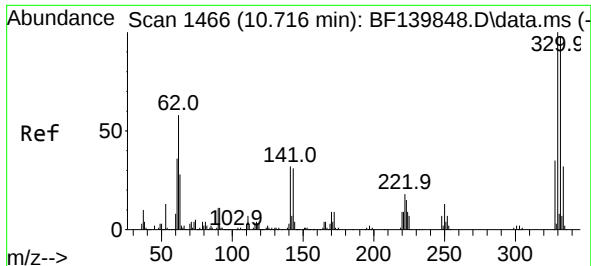
Tgt Ion:142 Resp: 441124
Ion Ratio Lower Upper
142 100
141 101.7 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:164 Resp: 126425
Ion Ratio Lower Upper
164 100
162 81.3 81.0 121.4
160 64.1 35.4 53.0#





#42

2,4,6-Tribromophenol

Concen: 118.287 ng

RT: 10.775 min Scan# 1466

Delta R.T. 0.059 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

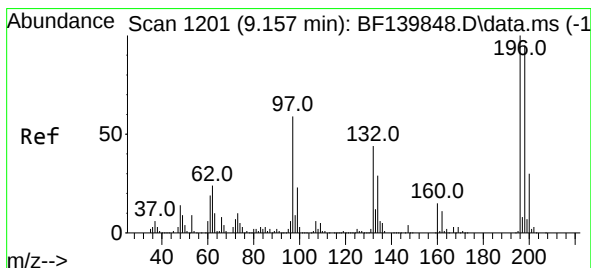
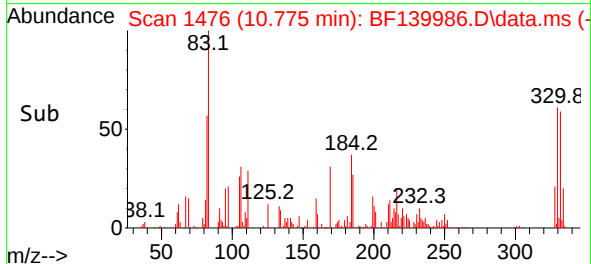
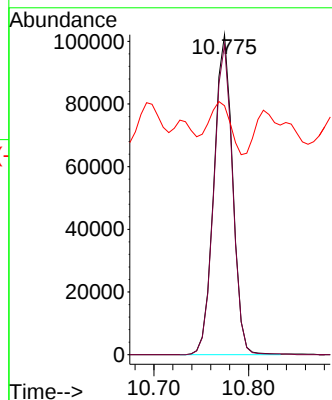
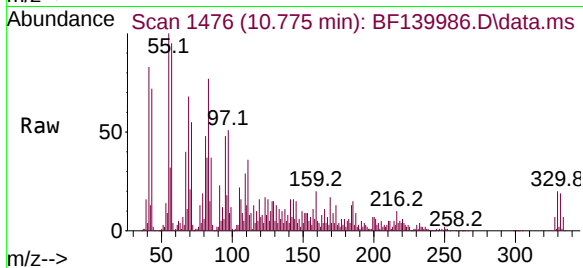
Tgt Ion:330 Resp: 139879

Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 19.4 26.6 39.8#



#43

2,4,6-Trichlorophenol

Concen: 7.638 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.053 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

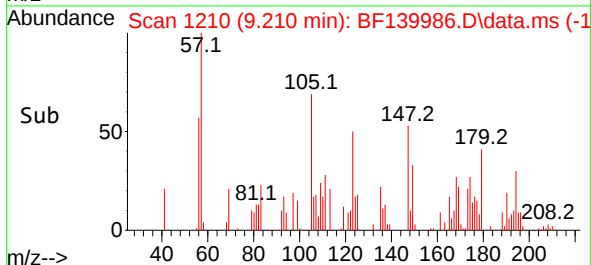
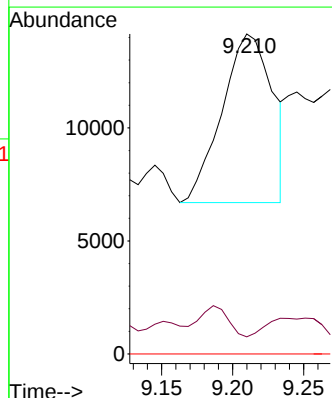
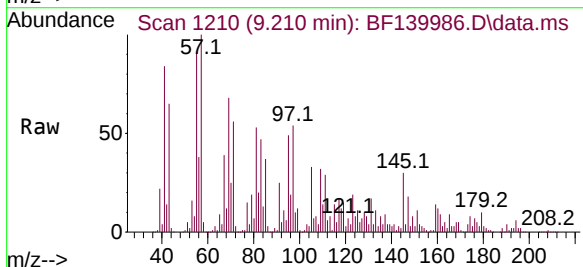
Tgt Ion:196 Resp: 18445

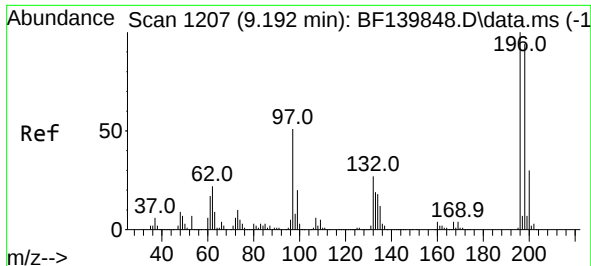
Ion Ratio Lower Upper

196 100

198 5.3 76.2 114.2#

200 0.0 24.0 36.0#

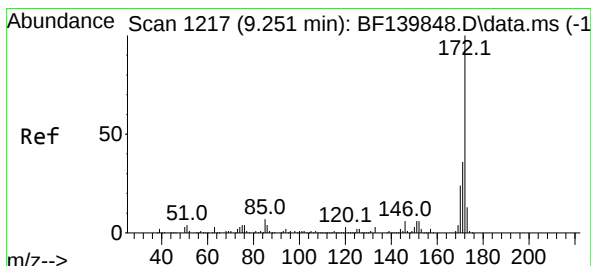
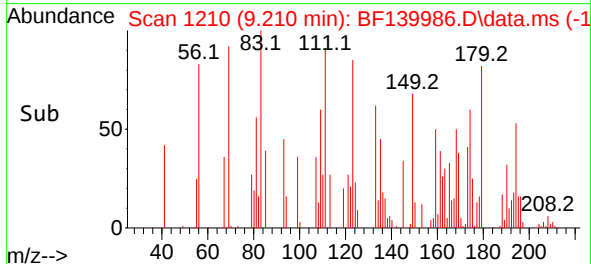
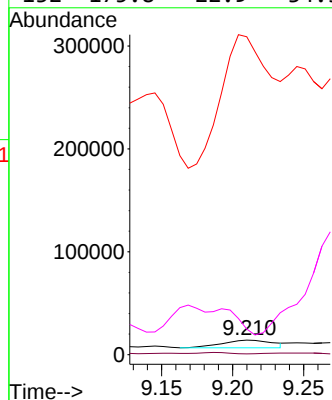
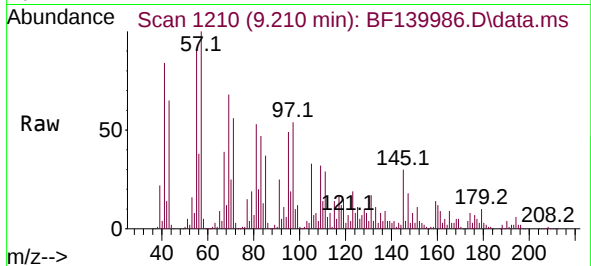




#44
2,4,5-Trichlorophenol
Concen: 7.404 ng
RT: 9.210 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

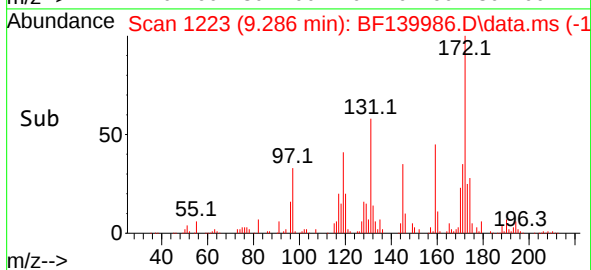
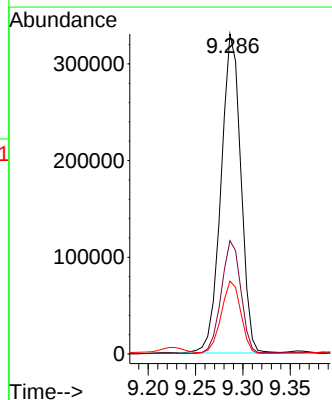
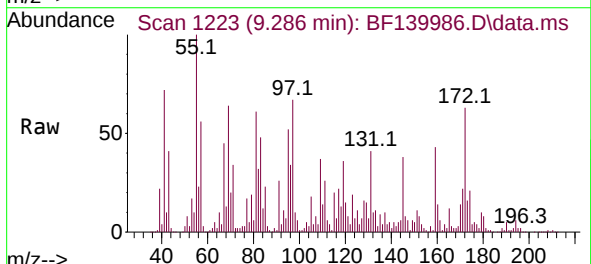
Instrument :
BNA_F
ClientSampleId :
RT-2675

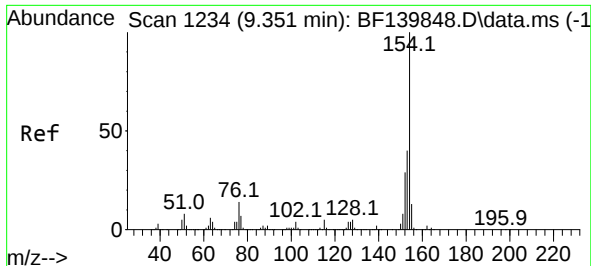
Tgt Ion:196 Resp: 18445
Ion Ratio Lower Upper
196 100
198 5.3 75.8 113.6#
97 2182.2 41.8 62.6#
132 175.8 22.9 34.3#



#45
2-Fluorobiphenyl
Concen: 62.932 ng
RT: 9.286 min Scan# 1223
Delta R.T. 0.035 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:172 Resp: 481405
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 22.8 19.1 28.7

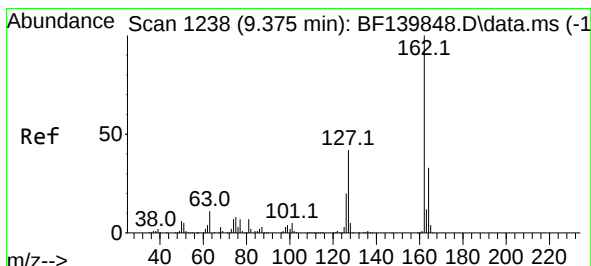
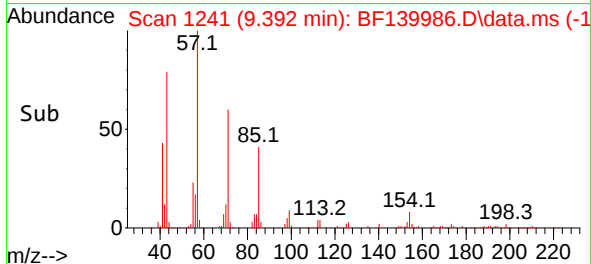
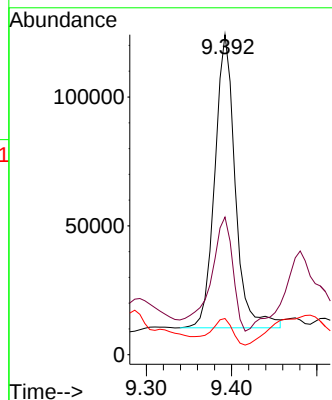
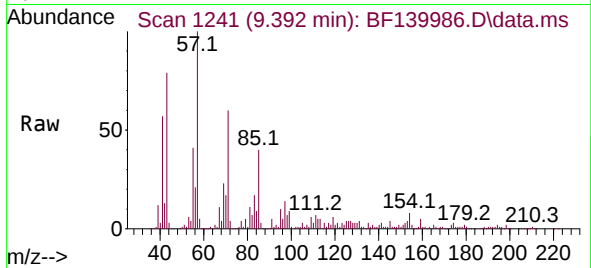




#46
1,1'-Biphenyl
Concen: 21.510 ng
RT: 9.392 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

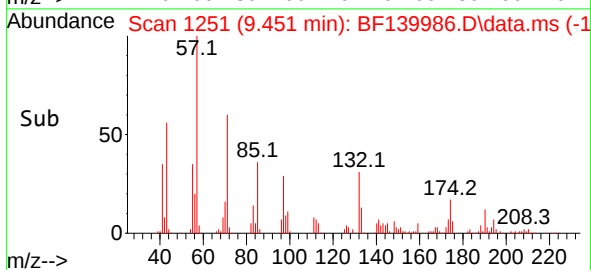
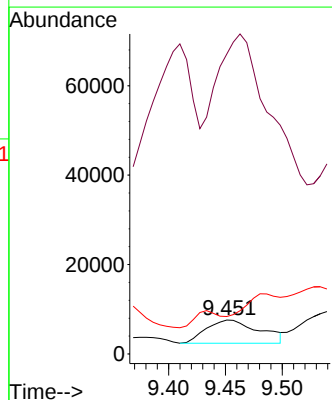
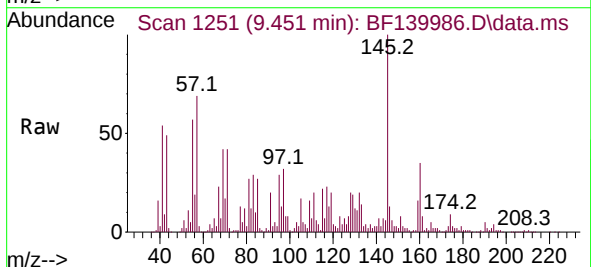
Instrument :
BNA_F
ClientSampleId :
RT-2675

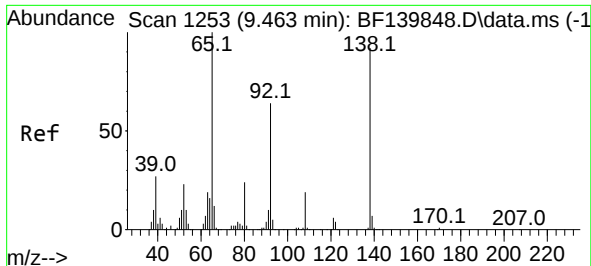
Tgt Ion:154 Resp: 189310
Ion Ratio Lower Upper
154 100
153 43.0 20.3 60.3
76 11.3 0.0 33.9



#47
2-Chloronaphthalene
Concen: 2.386 ng
RT: 9.451 min Scan# 1251
Delta R.T. 0.077 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:162 Resp: 16913
Ion Ratio Lower Upper
162 100
127 883.8 33.8 50.6#
164 110.2 26.6 39.8#





#48

2-Nitroaniline

Concen: 29.080 ng

RT: 9.528 min Scan# 11

Delta R.T. 0.065 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

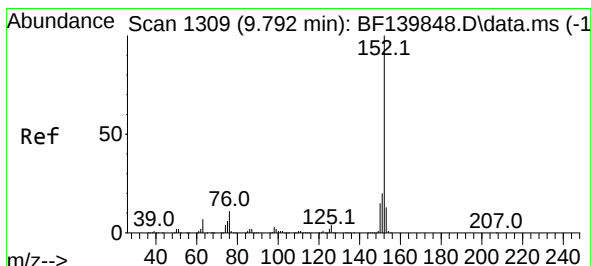
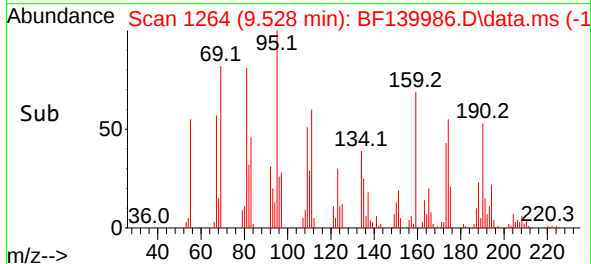
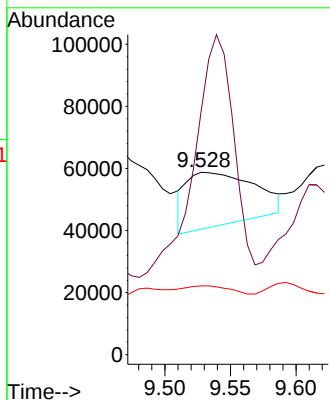
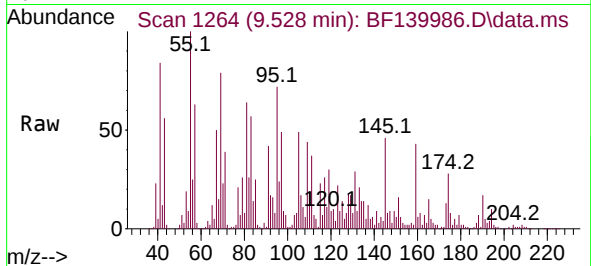
Tgt Ion: 65 Resp: 63044

Ion Ratio Lower Upper

65 100

92 133.3 50.9 76.3#

138 37.8 73.4 110.0#



#49

Acenaphthylene

Concen: 2.068 ng

RT: 9.845 min Scan# 1318

Delta R.T. 0.053 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

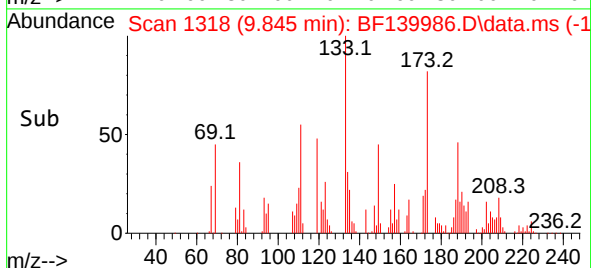
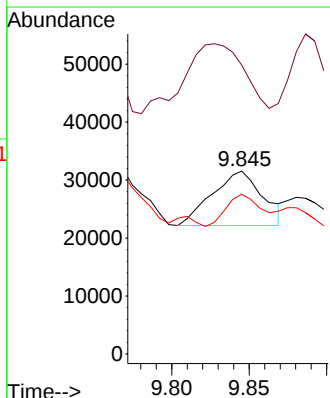
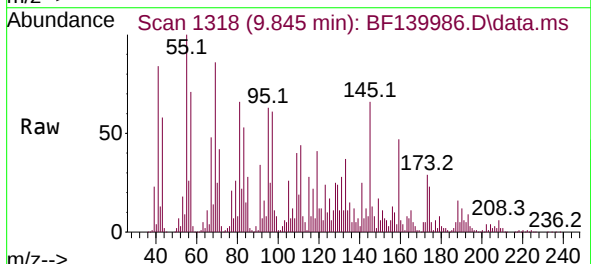
Tgt Ion:152 Resp: 21194

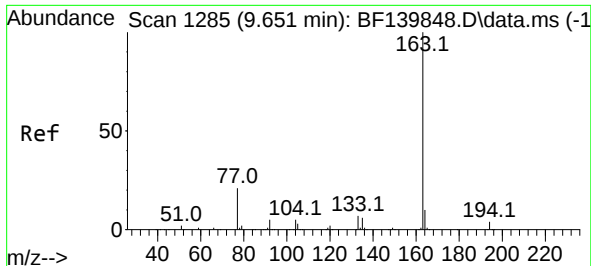
Ion Ratio Lower Upper

152 100

151 158.0 15.9 23.9#

153 87.3 10.7 16.1#

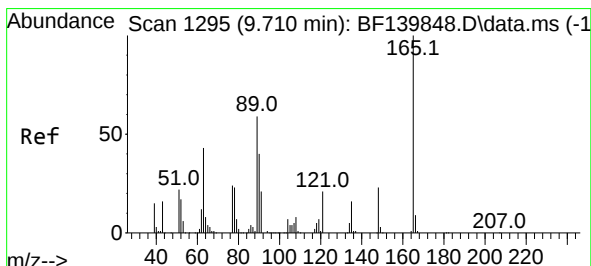
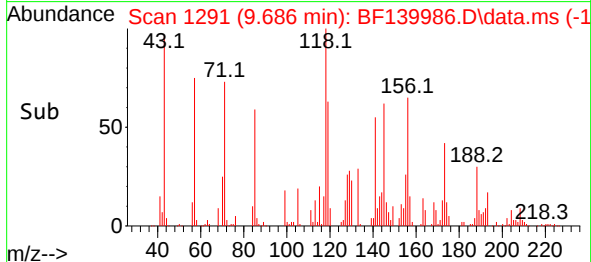
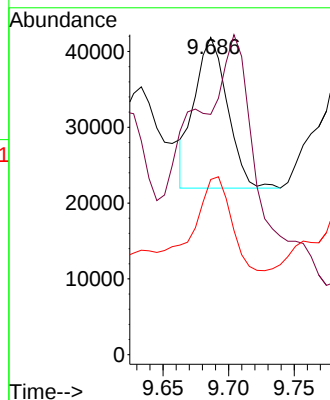
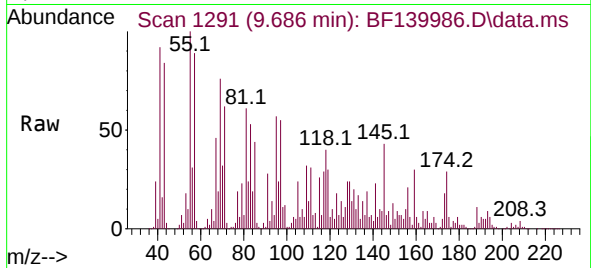




#50
Dimethylphthalate
Concen: 4.396 ng
RT: 9.686 min Scan# 1304
Delta R.T. 0.035 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

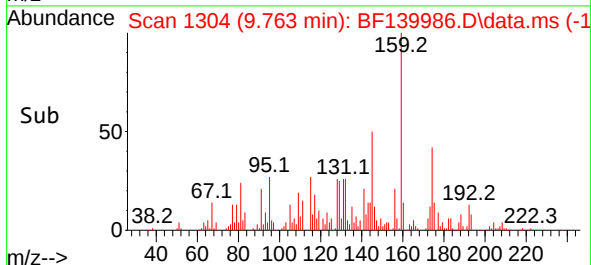
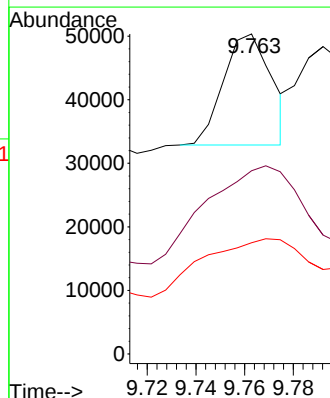
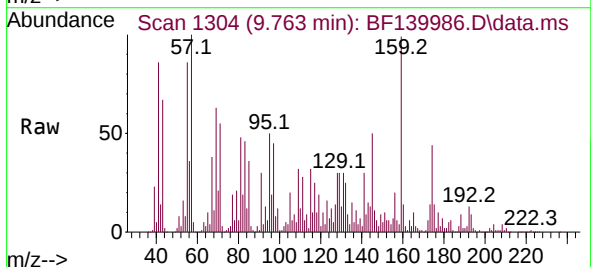
Instrument :
BNA_F
ClientSampleId :
RT-2675

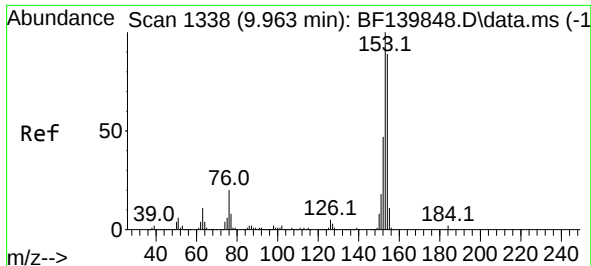
Tgt Ion:163 Resp: 34620
Ion Ratio Lower Upper
163 100
194 75.8 3.4 5.0#
164 55.2 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 14.055 ng
RT: 9.763 min Scan# 1304
Delta R.T. 0.053 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:165 Resp: 23964
Ion Ratio Lower Upper
165 100
63 57.2 50.6 75.8
89 34.7 47.5 71.3#

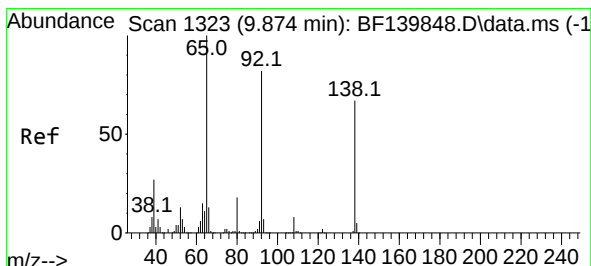
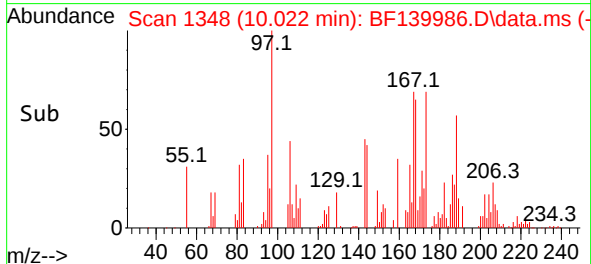
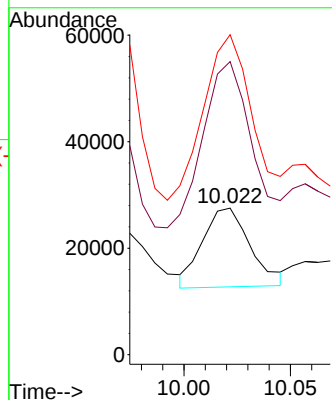
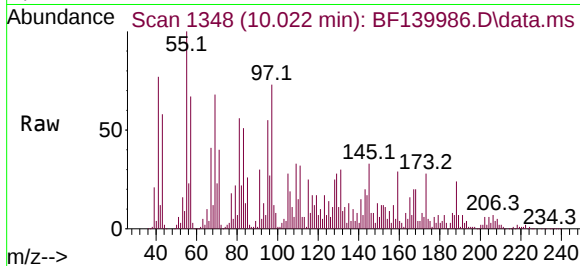




#52
Acenaphthene
Concen: 3.477 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

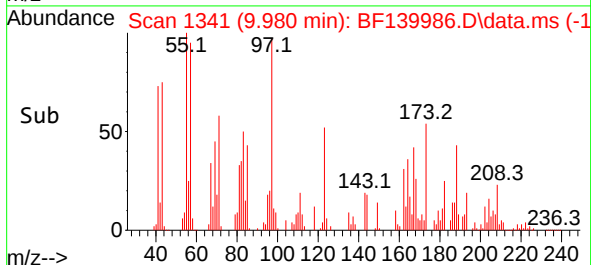
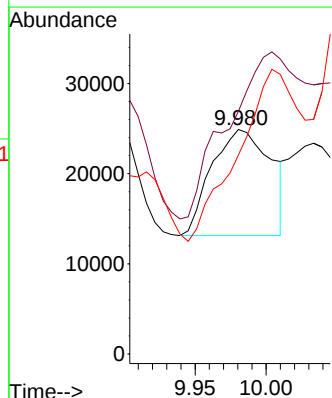
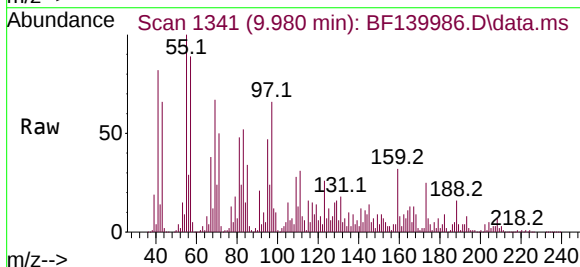
Instrument :
BNA_F
ClientSampleId :
RT-2675

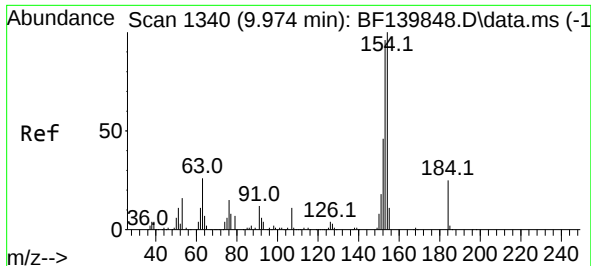
Tgt Ion:154 Resp: 23047
Ion Ratio Lower Upper
154 100
153 199.9 89.8 134.6#
152 218.3 42.4 63.6#



#53
3-Nitroaniline
Concen: 19.408 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.106 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:138 Resp: 34125
Ion Ratio Lower Upper
138 100
108 108.1 10.2 15.2#
92 88.7 98.3 147.5#

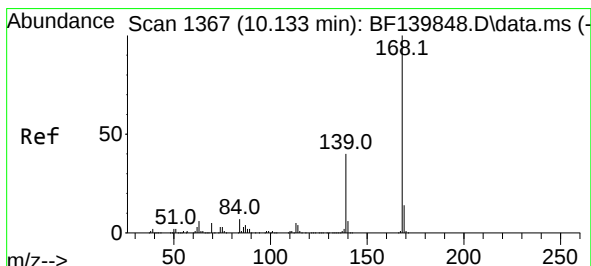
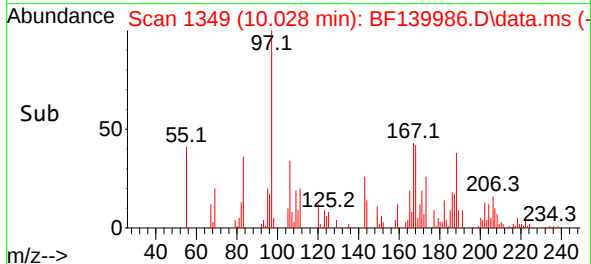
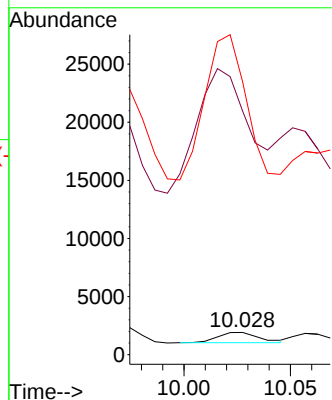
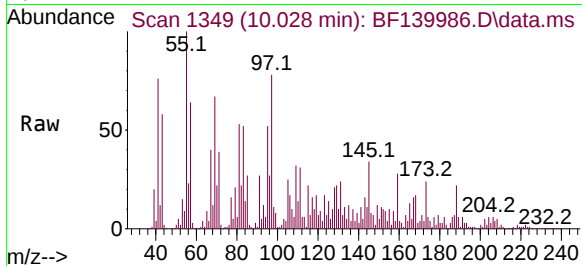




#54
2,4-Dinitrophenol
Concen: 8.044 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.053 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

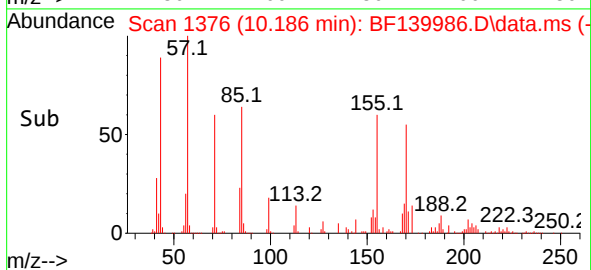
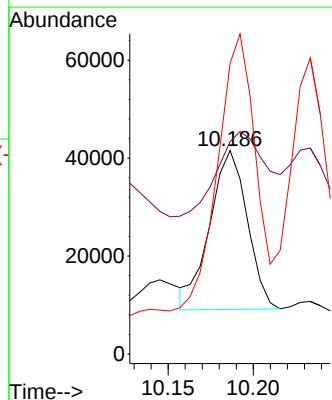
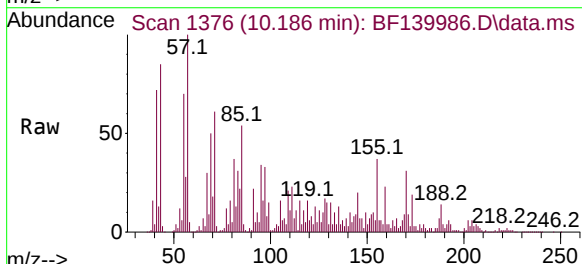
Instrument :
BNA_F
ClientSampleId :
RT-2675

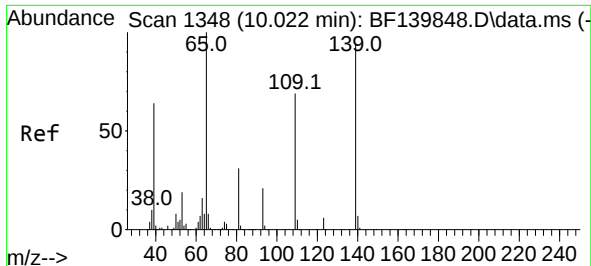
Tgt Ion:184 Resp: 1169
Ion Ratio Lower Upper
184 100
63 1091.5 84.7 127.1#
154 1222.7 338.2 507.2#



#55
Dibenzofuran
Concen: 5.220 ng
RT: 10.186 min Scan# 1376
Delta R.T. 0.053 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:168 Resp: 49646
Ion Ratio Lower Upper
168 100
139 104.4 31.8 47.6#
169 143.0 11.6 17.4#

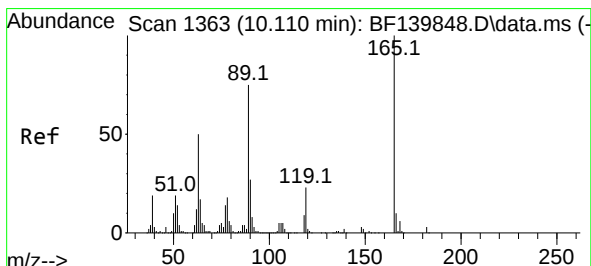
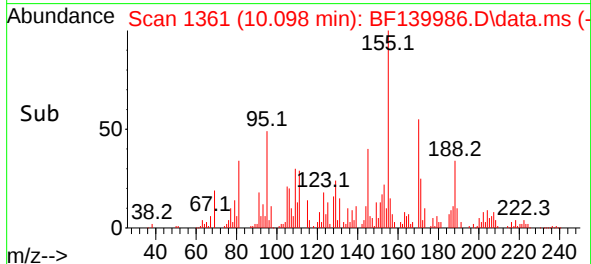
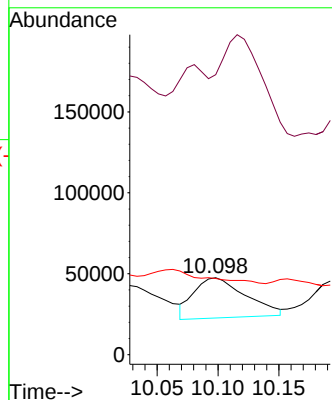
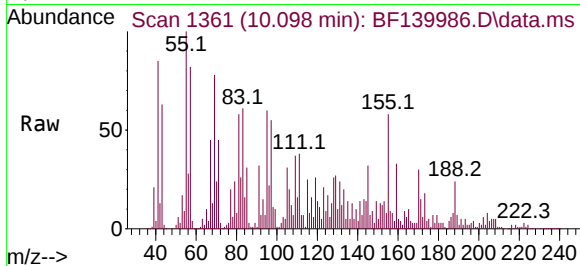




#56
4-Nitrophenol
Concen: 54.435 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.077 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

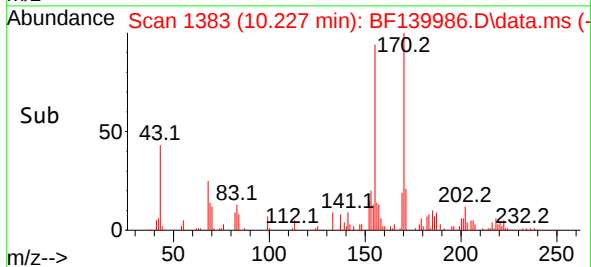
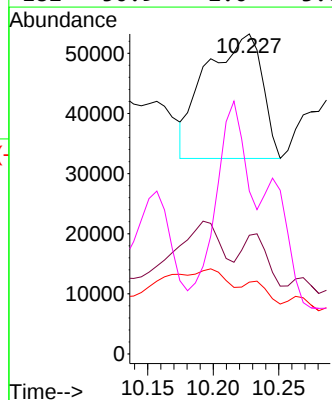
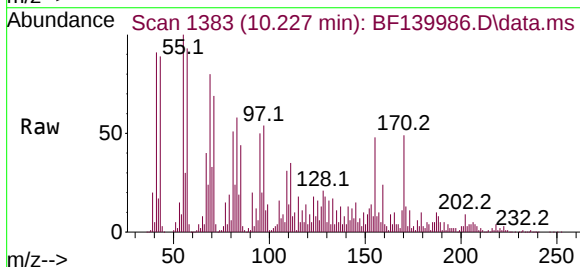
Instrument :
BNA_F
ClientSampleId :
RT-2675

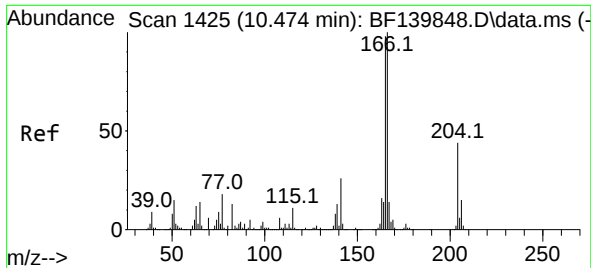
Tgt Ion:139 Resp: 73638
Ion Ratio Lower Upper
139 100
109 364.0 53.6 93.6#
65 99.1 87.8 127.8



#57
2,4-Dinitrotoluene
Concen: 29.283 ng
RT: 10.227 min Scan# 1383
Delta R.T. 0.118 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:165 Resp: 61400
Ion Ratio Lower Upper
165 100
63 37.1 40.1 60.1#
89 22.5 60.4 90.6#
182 50.9 2.0 3.0#

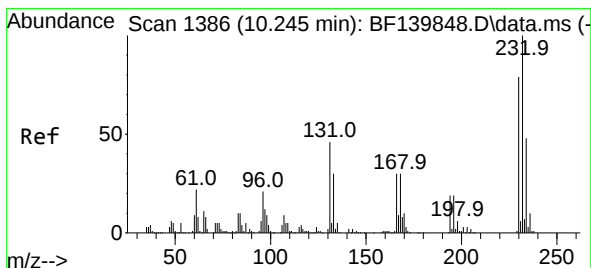
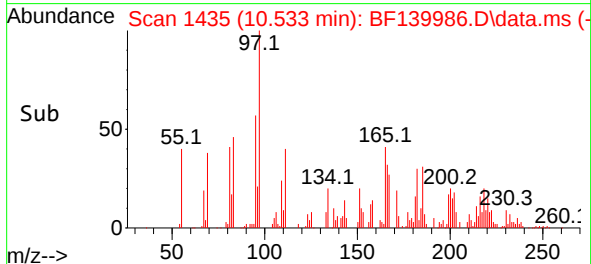
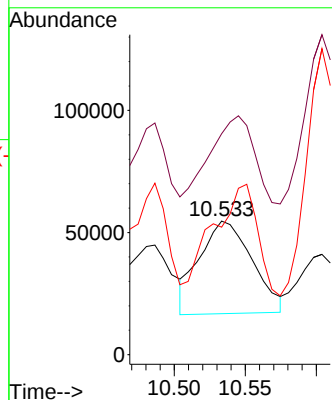
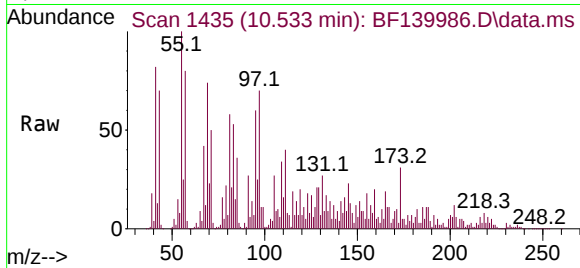




#58
 Fluorene
 Concen: 13.519 ng
 RT: 10.533 min Scan# 1425
 Delta R.T. 0.059 min
 Lab File: BF139986.D
 Acq: 24 Oct 2024 01:37

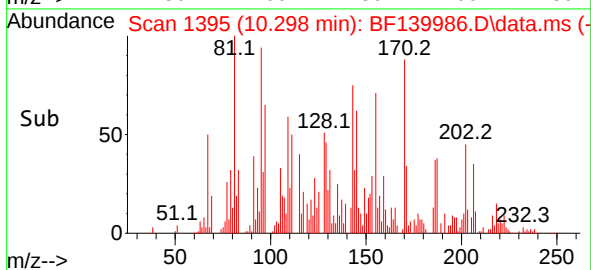
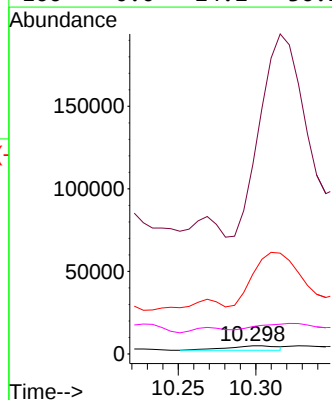
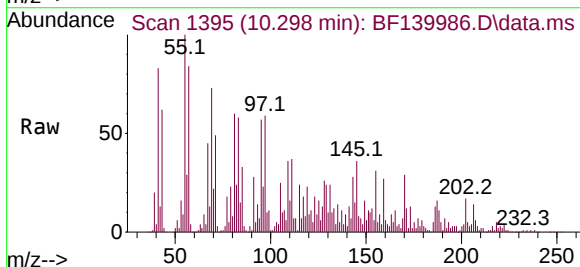
Instrument :
 BNA_F
 ClientSampleId :
 RT-2675

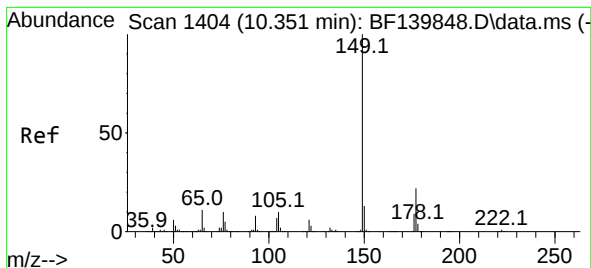
Tgt Ion:166 Resp: 97941
 Ion Ratio Lower Upper
 166 100
 165 165.3 78.5 117.7#
 167 95.5 10.9 16.3#



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 3.167 ng
 RT: 10.298 min Scan# 1395
 Delta R.T. 0.053 min
 Lab File: BF139986.D
 Acq: 24 Oct 2024 01:37

Tgt Ion:232 Resp: 6185
 Ion Ratio Lower Upper
 232 100
 131 0.0 37.0 55.6#
 130 0.0 1.9 2.9#
 166 0.0 24.2 36.2#





#60

Diethylphthalate

Concen: 9.539 ng

RT: 10.404 min Scan# 1413

Delta R.T. 0.053 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

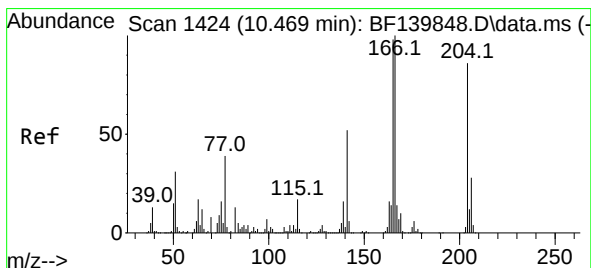
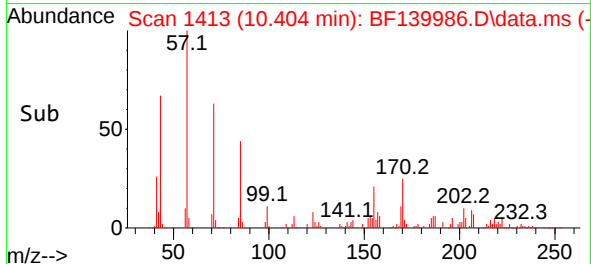
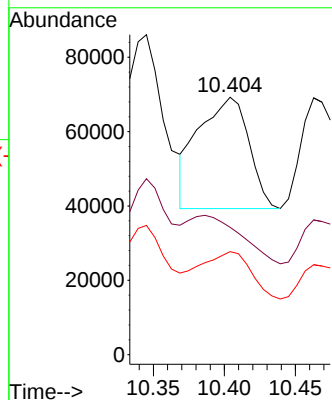
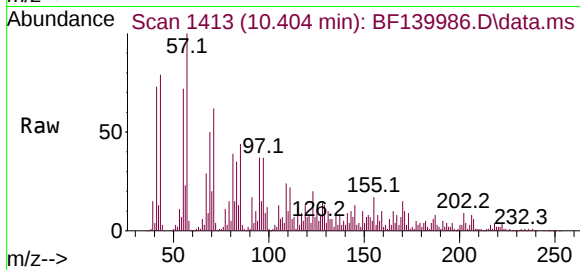
Tgt Ion:149 Resp: 73751

Ion Ratio Lower Upper

149 100

177 49.5 17.9 26.9#

150 40.0 10.1 15.1#



#61

4-Chlorophenyl-phenylether

Concen: 4.587 ng

RT: 10.469 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

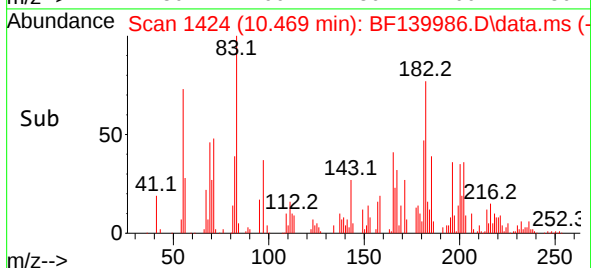
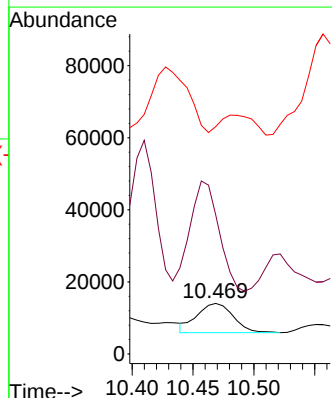
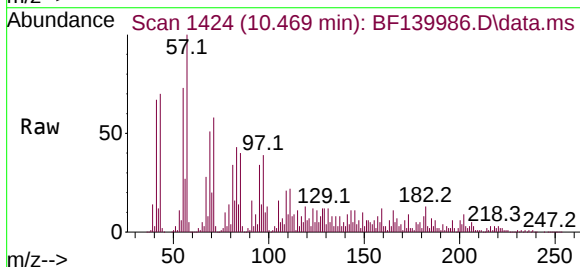
Tgt Ion:204 Resp: 16781

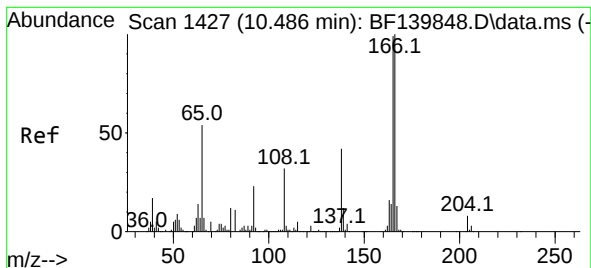
Ion Ratio Lower Upper

204 100

206 274.5 26.3 39.5#

141 449.1 48.6 73.0#

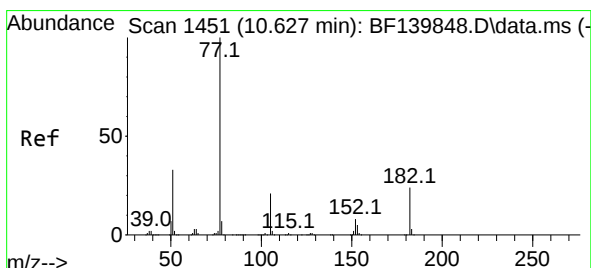
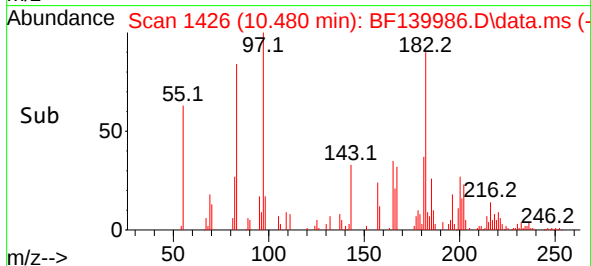
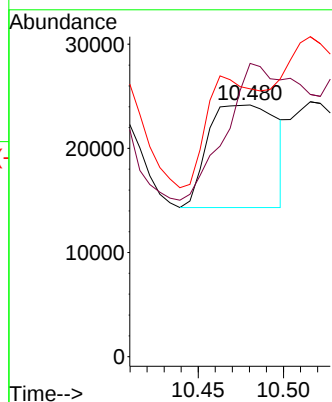
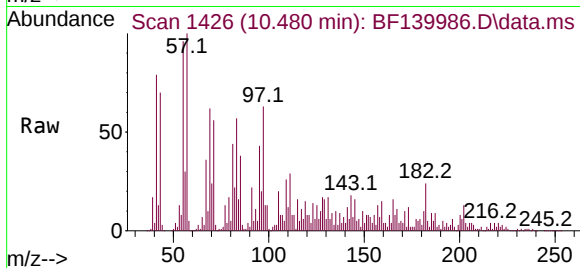




#62
4-Nitroaniline
Concen: 16.534 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

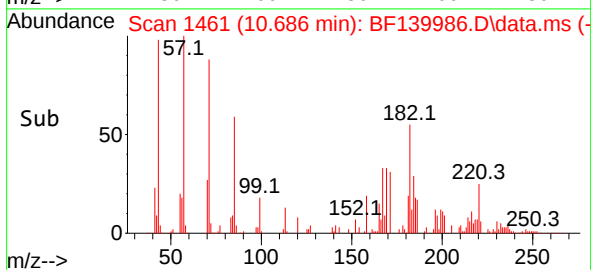
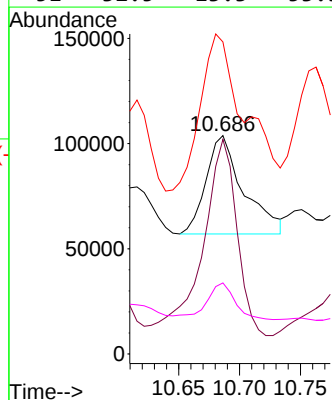
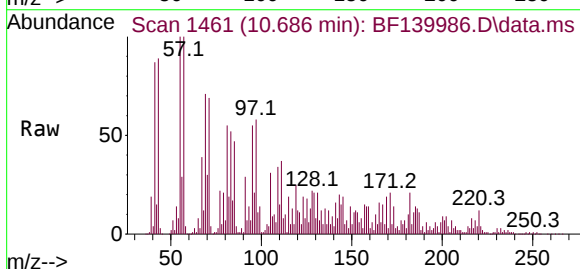
Instrument :
BNA_F
ClientSampleId :
RT-2675

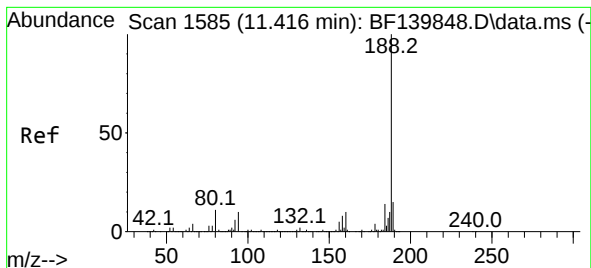
Tgt Ion:138 Resp: 27457
Ion Ratio Lower Upper
138 100
92 116.5 35.7 75.7#
108 106.4 57.5 97.5#



#63
Azobenzene
Concen: 12.219 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.059 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion: 77 Resp: 100161
Ion Ratio Lower Upper
77 100
182 98.2 3.3 43.3#
105 142.9 1.2 41.2#
51 32.5 13.3 53.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.474 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

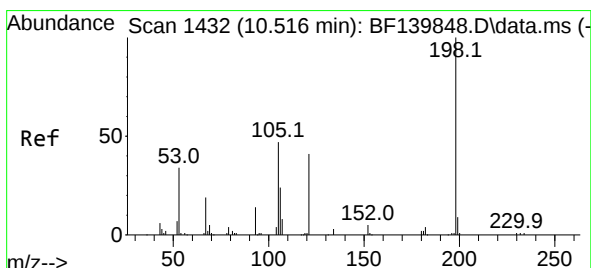
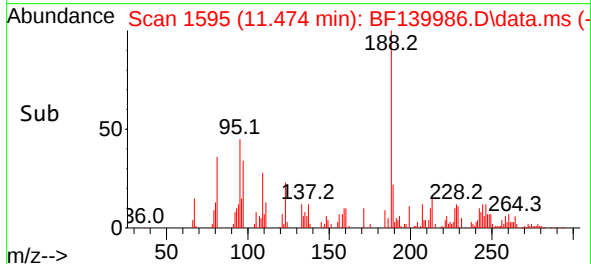
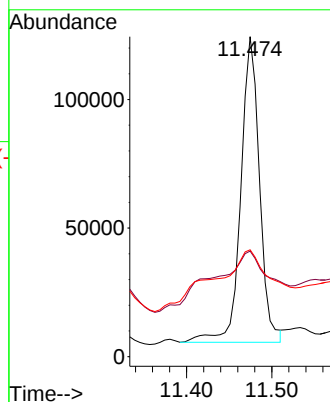
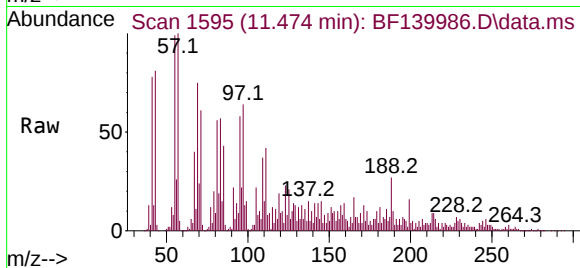
Tgt Ion:188 Resp: 181889

Ion Ratio Lower Upper

188 100

94 33.0 7.9 11.9#

80 33.4 9.0 13.4#



#65

4,6-Dinitro-2-methylphenol

Concen: 2.755 ng

RT: 10.557 min Scan# 1439

Delta R.T. 0.041 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

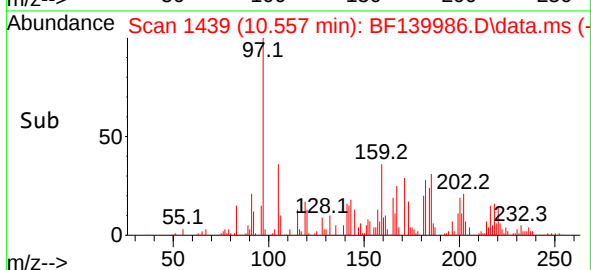
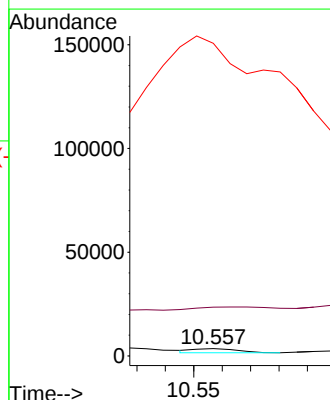
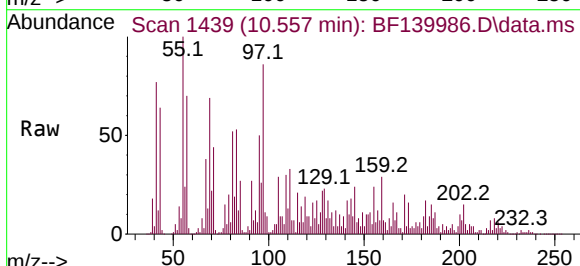
Tgt Ion:198 Resp: 2044

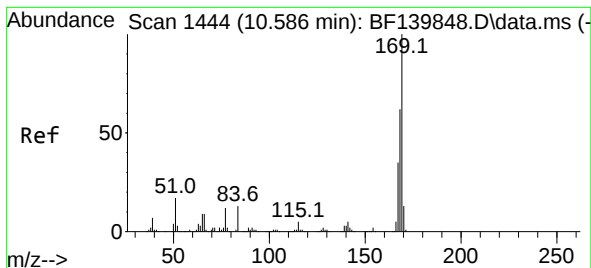
Ion Ratio Lower Upper

198 100

51 667.9 38.2 78.2#

105 4284.3 27.9 67.9#

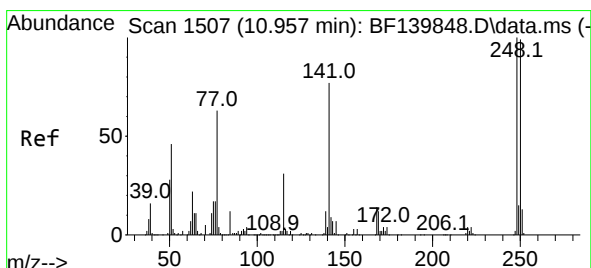
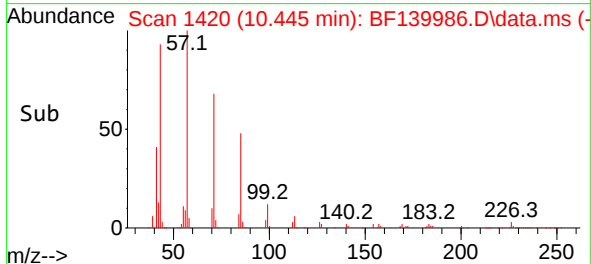
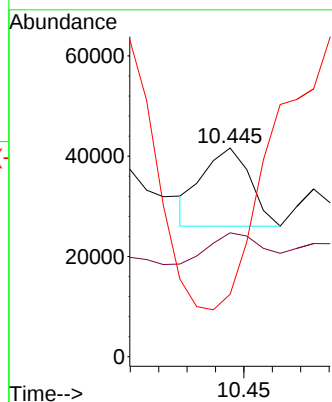
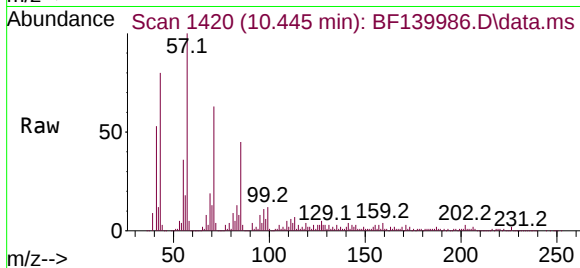




#66
n-Nitrosodiphenylamine
Concen: 3.347 ng
RT: 10.445 min Scan# 1444
Delta R.T. -0.141 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

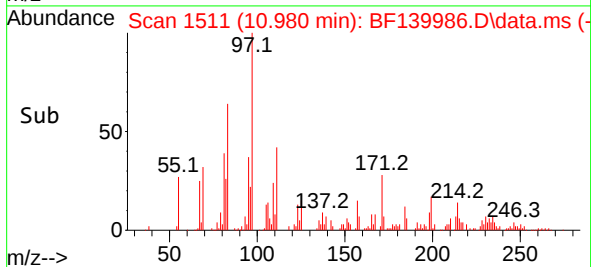
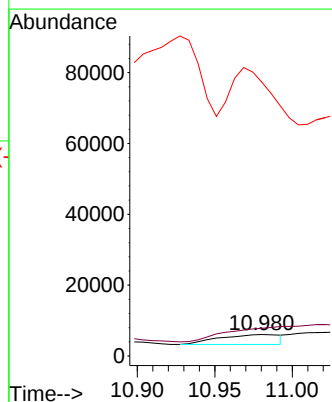
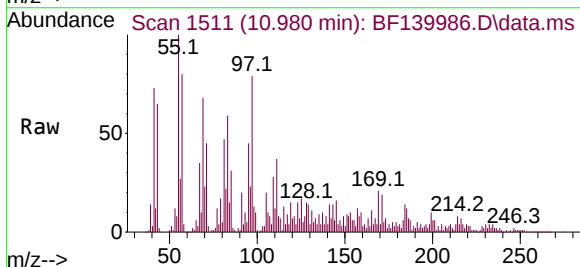
Instrument :
BNA_F
ClientSampleId :
RT-2675

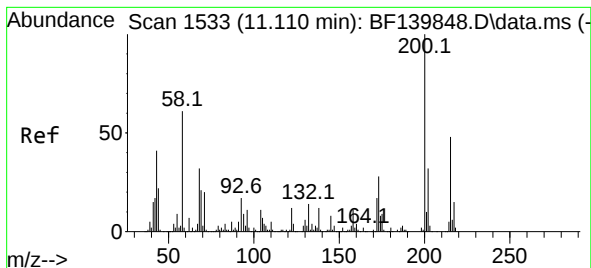
Tgt Ion:169 Resp: 18223
Ion Ratio Lower Upper
169 100
168 59.3 49.8 74.6
167 29.9 28.0 42.0



#67
4-Bromophenyl-phenylether
Concen: 4.052 ng
RT: 10.980 min Scan# 1511
Delta R.T. 0.024 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:248 Resp: 7592
Ion Ratio Lower Upper
248 100
250 129.1 79.0 118.6#
141 1272.9 61.7 92.5#





#69

Atrazine

Concen: 21.595 ng

RT: 11.145 min Scan# 1533

Delta R.T. 0.035 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

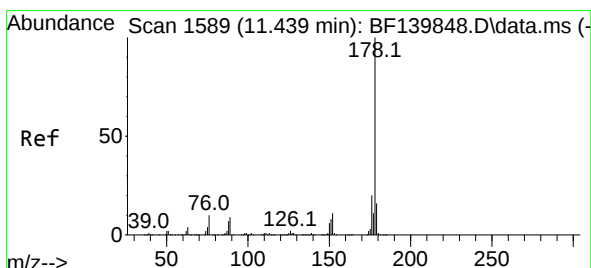
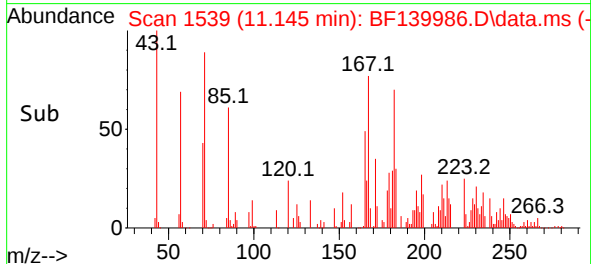
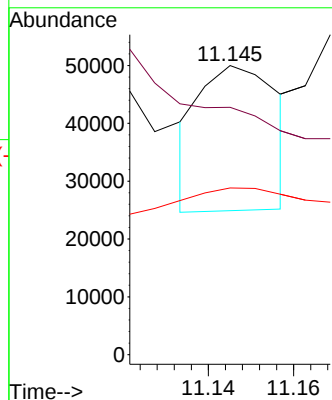
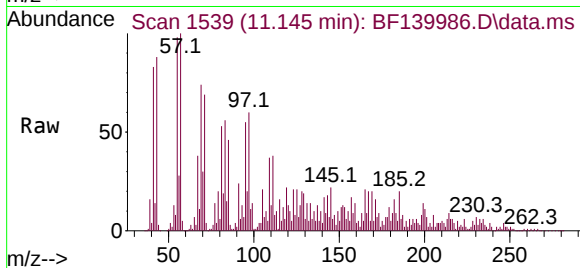
Tgt Ion:200 Resp: 31846

Ion Ratio Lower Upper

200 100

173 85.5 7.7 47.7#

215 57.7 27.7 67.7



#71

Phenanthrene

Concen: 16.683 ng

RT: 11.498 min Scan# 1599

Delta R.T. 0.059 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

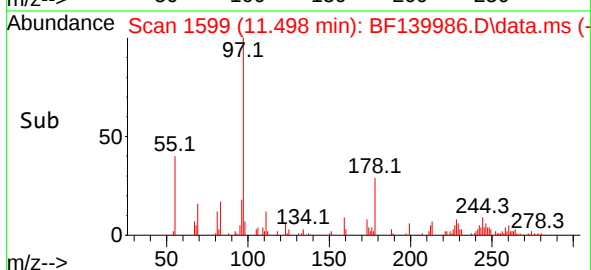
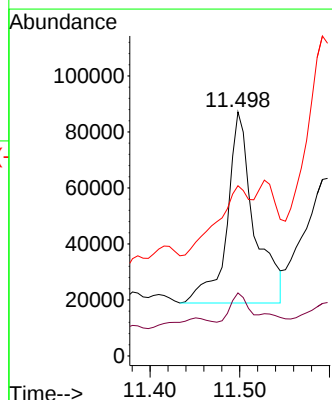
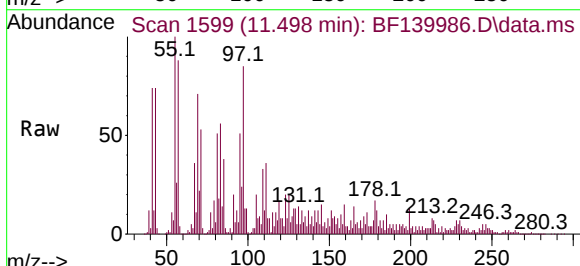
Tgt Ion:178 Resp: 143336

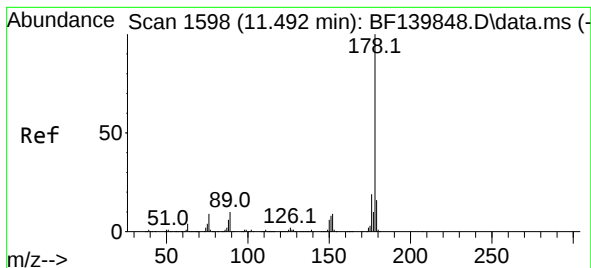
Ion Ratio Lower Upper

178 100

176 25.9 15.8 23.6#

179 69.8 12.6 18.8#





#72

Anthracene

Concen: 10.467 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.106 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

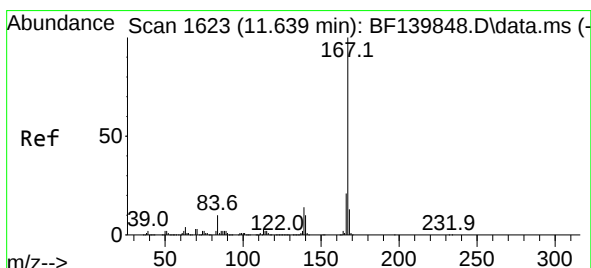
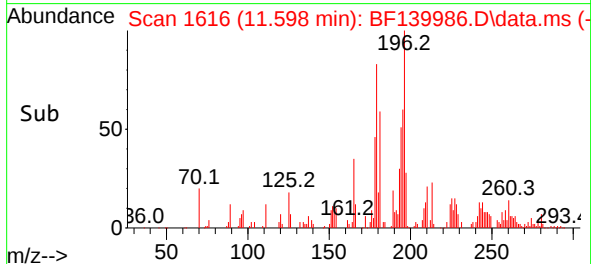
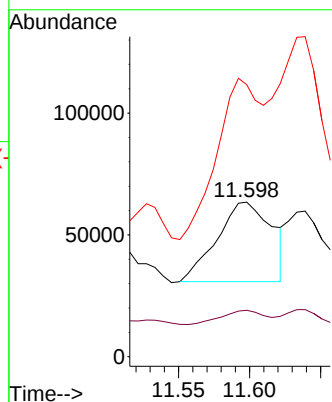
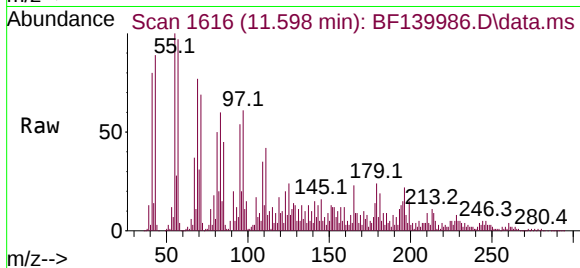
Tgt Ion:178 Resp: 87744

Ion Ratio Lower Upper

178 100

176 30.0 15.3 22.9#

179 176.0 12.4 18.6#



#73

Carbazole

Concen: 4.144 ng

RT: 11.745 min Scan# 1641

Delta R.T. 0.106 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

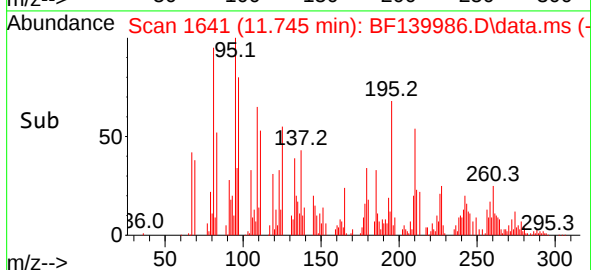
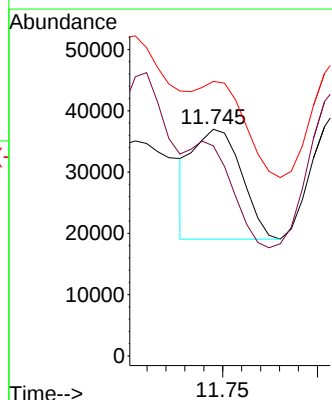
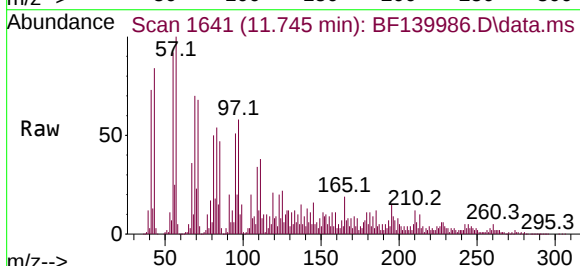
Tgt Ion:167 Resp: 32304

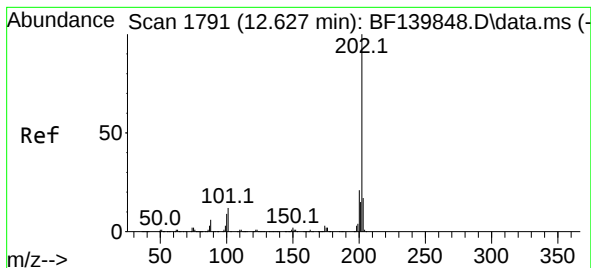
Ion Ratio Lower Upper

167 100

166 92.7 17.0 25.6#

139 121.1 10.8 16.2#





#75

Fluoranthene

Concen: 28.274 ng

RT: 12.910 min Scan# 1839

Delta R.T. 0.282 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

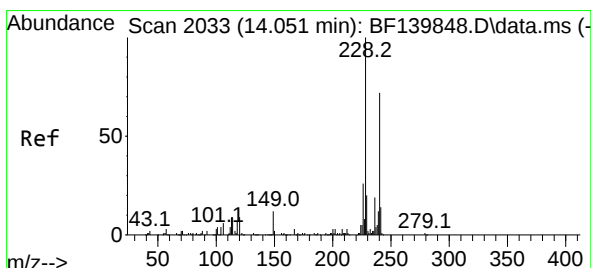
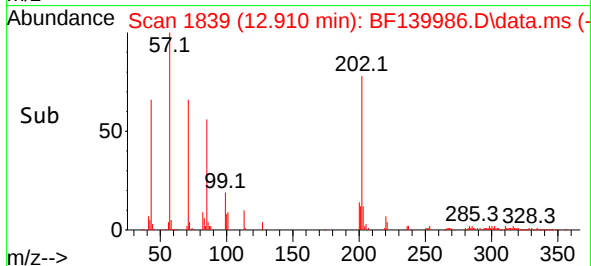
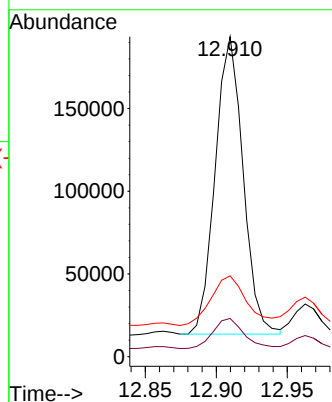
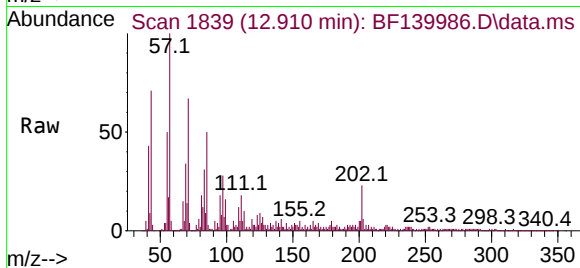
Tgt Ion:202 Resp: 245570

Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.9

203 25.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.029 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

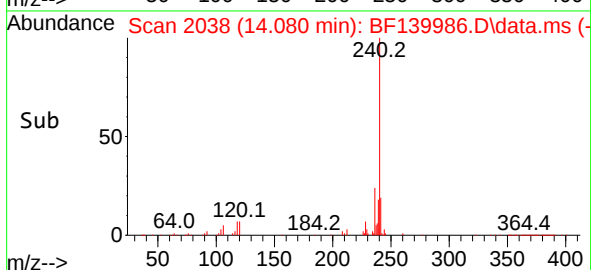
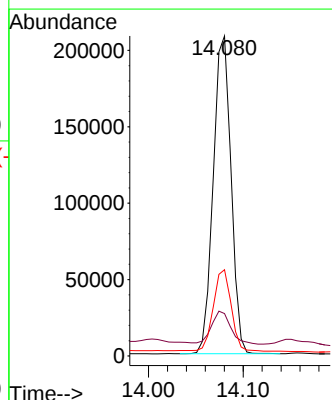
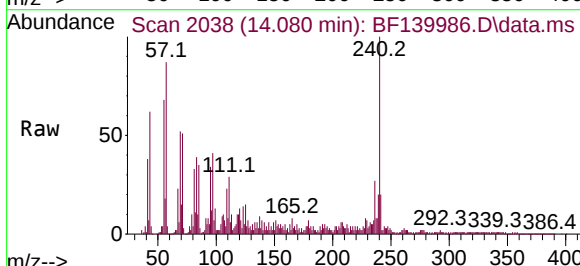
Tgt Ion:240 Resp: 271082

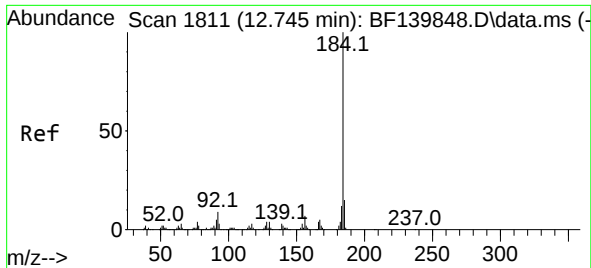
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 26.9 20.9 31.3

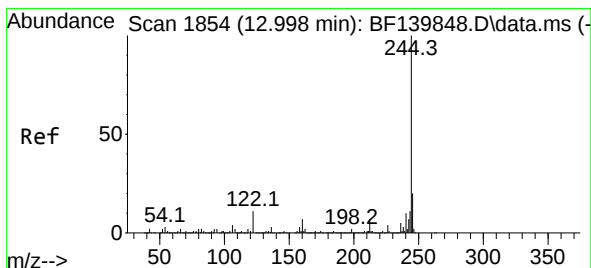
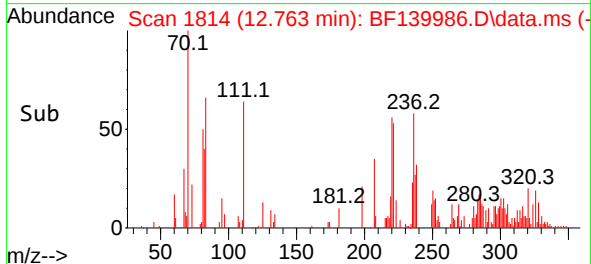
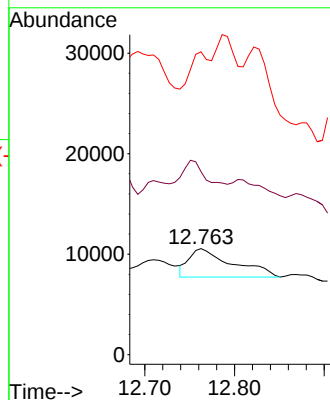
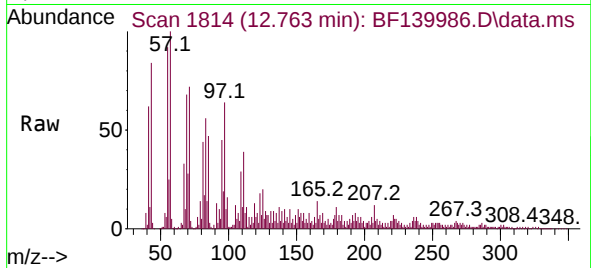




#77
Benzidine
Concen: 2.134 ng
RT: 12.763 min Scan# 1814
Delta R.T. 0.018 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

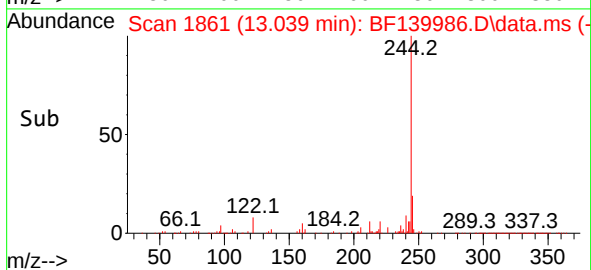
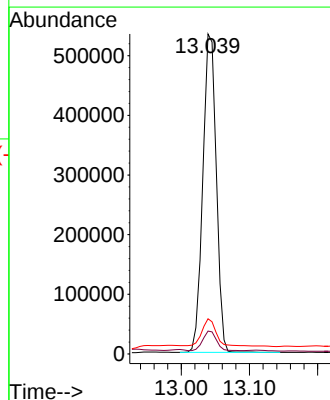
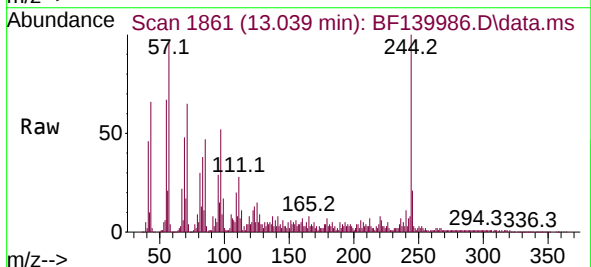
Instrument :
BNA_F
ClientSampleId :
RT-2675

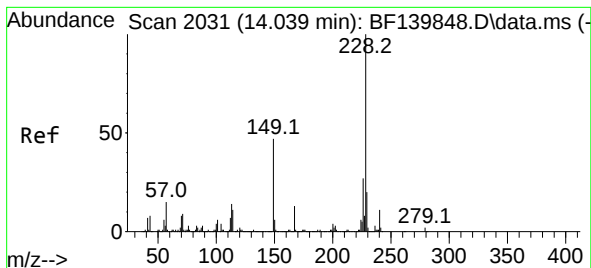
Tgt Ion:184 Resp: 9513
Ion Ratio Lower Upper
184 100
185 172.4 12.0 18.0#
183 285.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 44.083 ng
RT: 13.039 min Scan# 1861
Delta R.T. 0.041 min
Lab File: BF139986.D
Acq: 24 Oct 2024 01:37

Tgt Ion:244 Resp: 733363
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.0 8.6 13.0





#81

Benzo(a)anthracene

Concen: 2.160 ng

RT: 14.068 min Scan# 2031

Delta R.T. 0.029 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

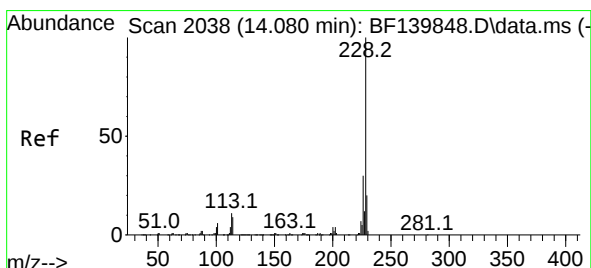
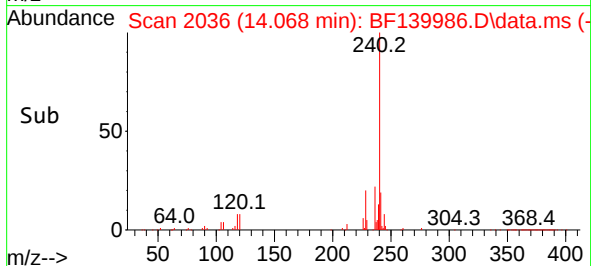
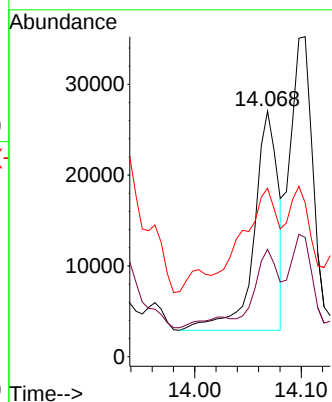
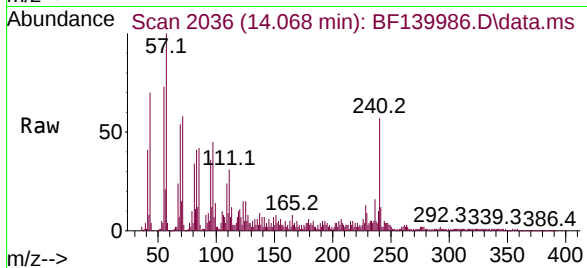
Tgt Ion:228 Resp: 38114

Ion Ratio Lower Upper

228 100

226 43.7 21.6 32.4#

229 68.6 16.1 24.1#



#83

Chrysene

Concen: 2.953 ng

RT: 14.104 min Scan# 2042

Delta R.T. 0.024 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

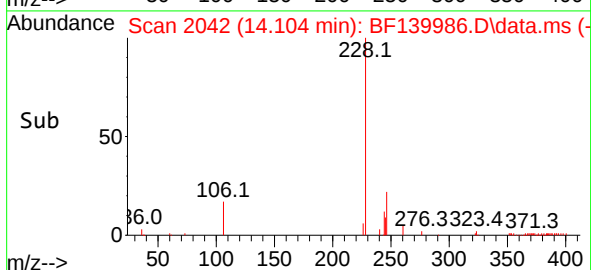
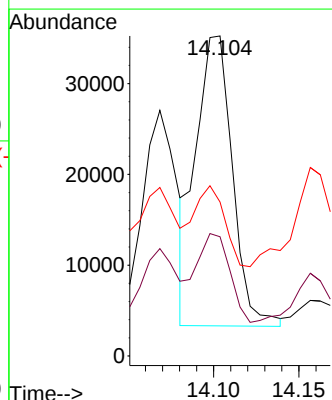
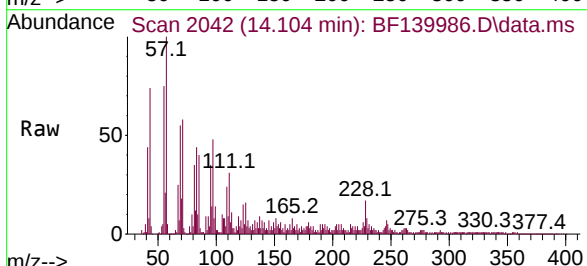
Tgt Ion:228 Resp: 47776

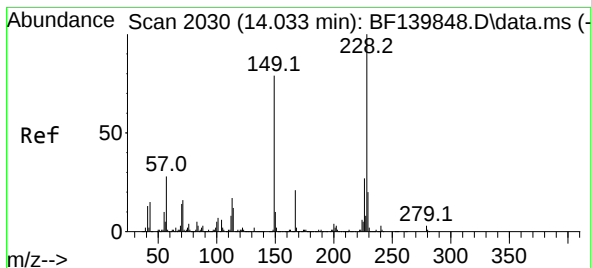
Ion Ratio Lower Upper

228 100

226 37.2 24.1 36.1#

229 48.1 15.8 23.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 26.609 ng

RT: 14.045 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

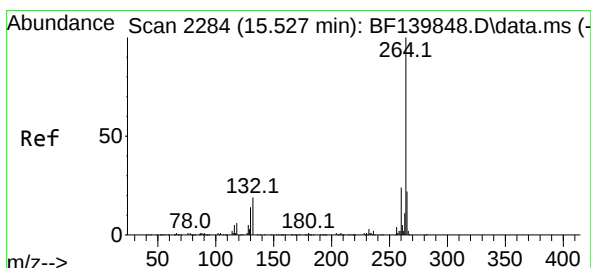
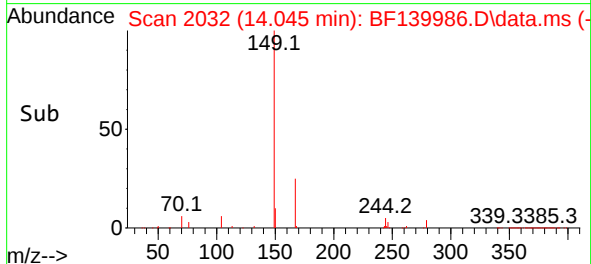
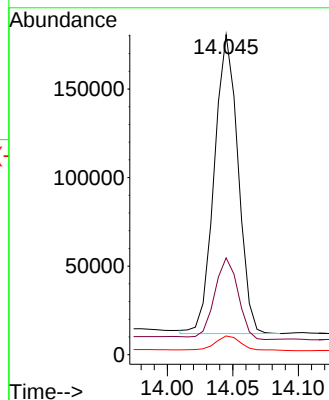
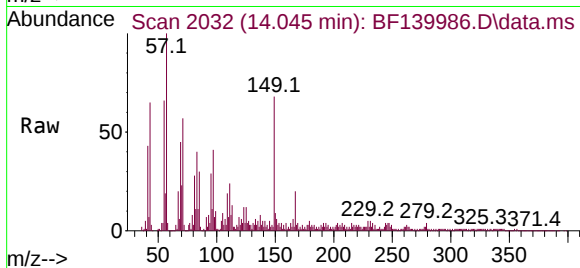
Tgt Ion:149 Resp: 212379

Ion Ratio Lower Upper

149 100

167 30.3 21.4 32.0

279 5.9 3.0 4.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.012 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

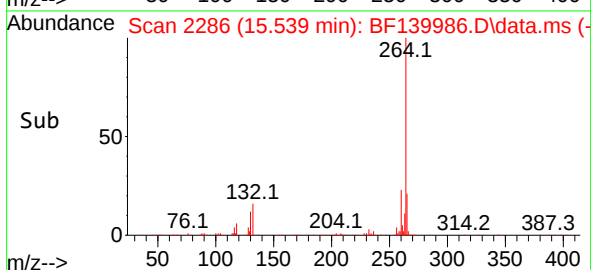
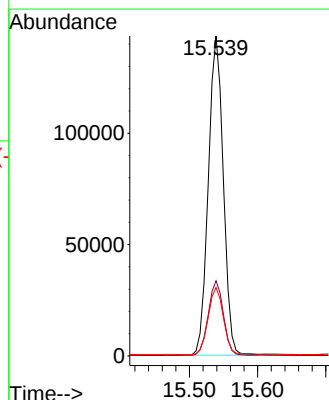
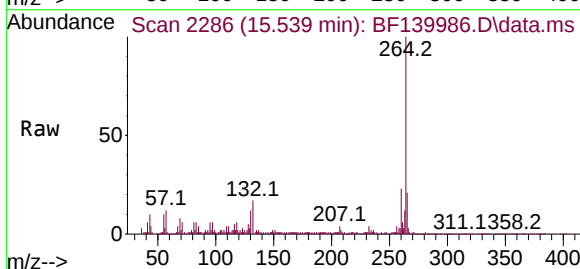
Tgt Ion:264 Resp: 219040

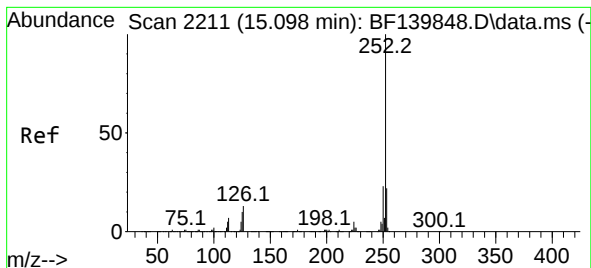
Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.4 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 5.433 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.012 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675

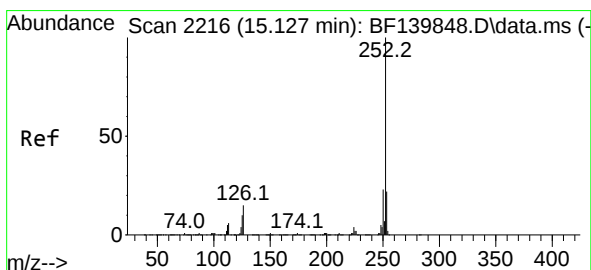
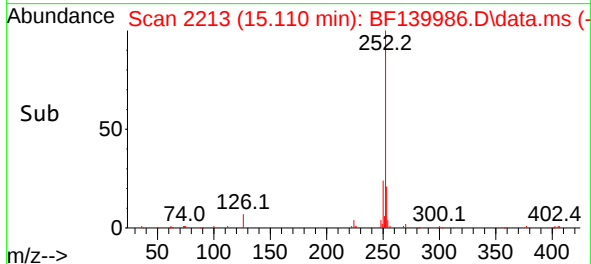
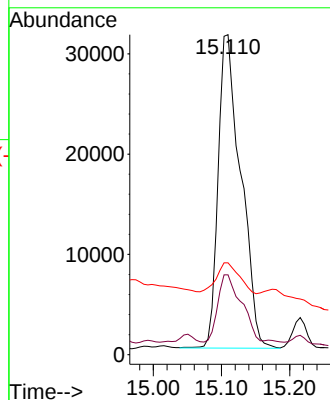
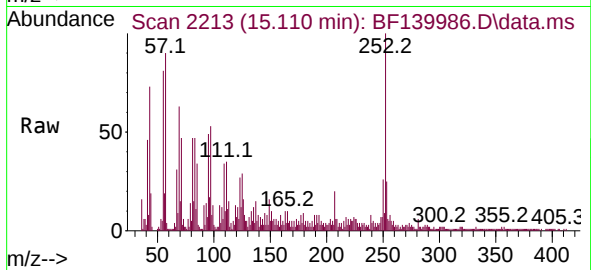
Tgt Ion:252 Resp: 72495

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 28.7 7.9 11.9#



#89

Benzo(k)fluoranthene

Concen: 6.300 ng

RT: 15.110 min Scan# 2213

Delta R.T. -0.018 min

Lab File: BF139986.D

Acq: 24 Oct 2024 01:37

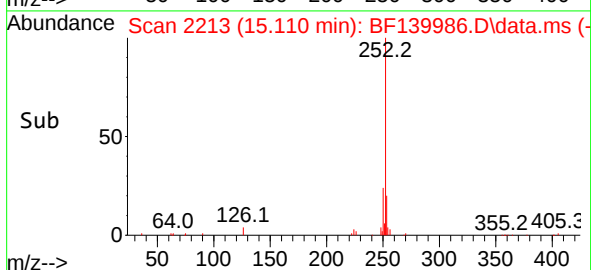
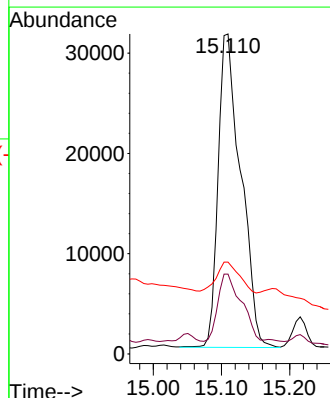
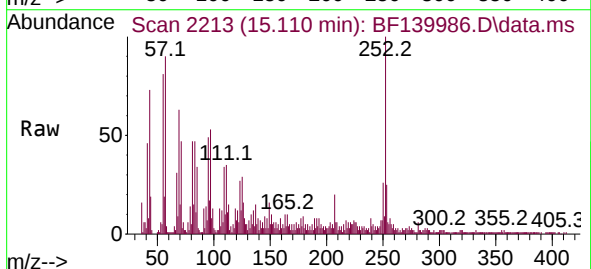
Tgt Ion:252 Resp: 72495

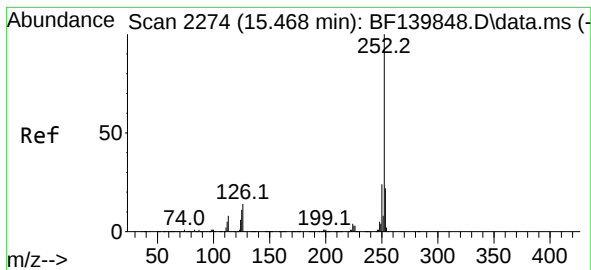
Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 28.7 7.9 11.9#





#90

Benzo(a)pyrene

Concen: 2.421 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139986.D

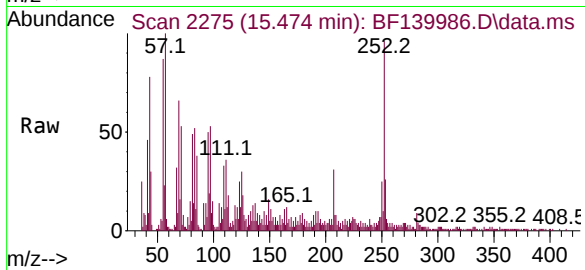
Acq: 24 Oct 2024 01:37

Instrument :

BNA_F

ClientSampleId :

RT-2675



Tgt Ion:252 Resp: 26580

Ion Ratio Lower Upper

252 100

253 27.5 17.3 25.9#

125 30.8 8.7 13.1#

