

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139996.D
 Acq On : 24 Oct 2024 12:53
 Operator : RC/JU
 Sample : PB163997BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163997BS

Quant Time: Oct 24 13:27:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	164356	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	649759	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	360632	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	639356	20.000	ng	0.00
76) Chrysene-d12	14.057	240	326939	20.000	ng	0.00
86) Perylene-d12	15.533	264	331726	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1253025	119.350	ng	0.02
7) Phenol-d6	6.516	99	1597939	117.517	ng	0.00
23) Nitrobenzene-d5	7.451	82	1036778	88.436	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	483845	143.436	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1876233	85.984	ng	0.00
79) Terphenyl-d14	12.998	244	1861232	92.765	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	173277	35.399	ng	94
3) Pyridine	3.522	79	455277	37.523	ng	95
4) n-Nitrosodimethylamine	3.475	42	256120	39.289	ng	95
6) Aniline	6.551	93	491259	38.765	ng	99
8) 2-Chlorophenol	6.675	128	489267	45.586	ng	97
9) Benzaldehyde	6.439	77	109758	14.349	ng	97
10) Phenol	6.528	94	603394m	43.043	ng	
11) bis(2-Chloroethyl)ether	6.628	93	464926	42.909	ng	98
12) 1,3-Dichlorobenzene	6.834	146	517040	41.966	ng	99
13) 1,4-Dichlorobenzene	6.910	146	523903	42.563	ng	98
14) 1,2-Dichlorobenzene	7.057	146	501365	43.643	ng	100
15) Benzyl Alcohol	7.028	79	445371	44.652	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	763565	41.329	ng	97
17) 2-Methylphenol	7.134	107	404506	44.199	ng	100
18) Hexachloroethane	7.404	117	188897	43.035	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	348405	42.247	ng	96
20) 3+4-Methylphenols	7.286	107	490963	41.941	ng	93
22) Acetophenone	7.298	105	653644	41.072	ng	98
24) Nitrobenzene	7.469	77	526843	40.988	ng	99
25) Isophorone	7.710	82	964439	43.343	ng	100
26) 2-Nitrophenol	7.786	139	253901	52.361	ng	95
27) 2,4-Dimethylphenol	7.822	122	408162	50.480	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	577596	42.844	ng	100
29) 2,4-Dichlorophenol	8.028	162	405624	44.043	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	425616	41.765	ng	99
31) Naphthalene	8.192	128	1404294	41.906	ng	100
32) Benzoic acid	7.933	122	325934	46.217	ng	97
33) 4-Chloroaniline	8.239	127	249716	21.854	ng	98
34) Hexachlorobutadiene	8.310	225	275369	43.007	ng	99
35) Caprolactam	8.610	113	128289m	43.809	ng	
36) 4-Chloro-3-methylphenol	8.716	107	441744	43.318	ng	98
37) 2-Methylnaphthalene	8.886	142	895364	43.627	ng	100
38) 1-Methylnaphthalene	8.986	142	830913	41.266	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	426359	43.822	ng	98
41) Hexachlorocyclopentadiene	9.039	237	529056	156.279	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	318021	46.169	ng	99

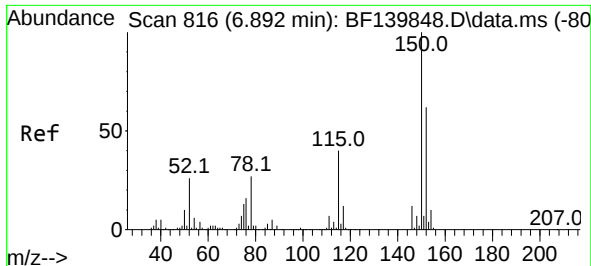
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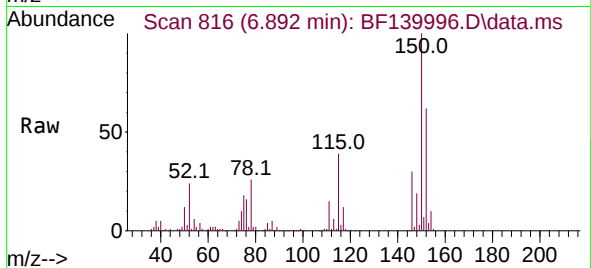
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	313574	44.123	ng	96
46) 1,1'-Biphenyl	9.351	154	1068750	42.571	ng	100
47) 2-Chloronaphthalene	9.375	162	854073	42.239	ng	100
48) 2-Nitroaniline	9.469	65	295283	47.748	ng	95
49) Acenaphthylene	9.792	152	1330459	45.513	ng	99
50) Dimethylphthalate	9.651	163	995981	44.339	ng	100
51) 2,6-Dinitrotoluene	9.710	165	221502	45.542	ng	97
52) Acenaphthene	9.963	154	927084	49.026	ng	100
53) 3-Nitroaniline	9.880	138	152145	30.334	ng	94
54) 2,4-Dinitrophenol	9.986	184	250959	120.584	ng	# 1
55) Dibenzofuran	10.139	168	1174092	43.274	ng	98
56) 4-Nitrophenol	10.033	139	364015	94.334	ng	99
57) 2,4-Dinitrotoluene	10.116	165	297460	49.734	ng	96
58) Fluorene	10.480	166	883193	42.739	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	267025	47.929	ng	96
60) Diethylphthalate	10.351	149	957702	43.423	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	453090	43.416	ng	98
62) 4-Nitroaniline	10.498	138	211635	44.676	ng	97
63) Azobenzene	10.633	77	981853	41.991	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	168789	64.722	ng	92
66) n-Nitrosodiphenylamine	10.592	169	824961	43.111	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	295785	44.907	ng	94
68) Hexachlorobenzene	11.027	284	328495	44.345	ng	96
69) Atrazine	11.116	200	264047	50.939	ng	99
70) Pentachlorophenol	11.216	266	413862	92.056	ng	100
71) Phenanthrene	11.445	178	1297673	42.969	ng	100
72) Anthracene	11.492	178	1319923	44.795	ng	100
73) Carbazole	11.645	167	1145468	41.799	ng	99
74) Di-n-butylphthalate	11.974	149	1368571	43.226	ng	100
75) Fluoranthene	12.627	202	1283184	42.030	ng	100
77) Benzidine	12.745	184	237183	44.119	ng	99
78) Pyrene	12.857	202	1292075	45.149	ng	99
80) Butylbenzylphthalate	13.474	149	418156	48.738	ng	99
81) Benzo(a)anthracene	14.045	228	955747	44.907	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	215172	34.676	ng	100
83) Chrysene	14.080	228	872966	44.736	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	483300	50.208	ng	# 99
85) Di-n-octyl phthalate	14.645	149	778871	44.485	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1103192	51.694	ng	98
88) Benzo(b)fluoranthene	15.098	252	916995	45.379	ng	100
89) Benzo(k)fluoranthene	15.127	252	764805	43.886	ng	100
90) Benzo(a)pyrene	15.468	252	819711	49.299	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	913924	51.335	ng	98
92) Benzo(g,h,i)perylene	17.492	276	867088	48.760	ng	98

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

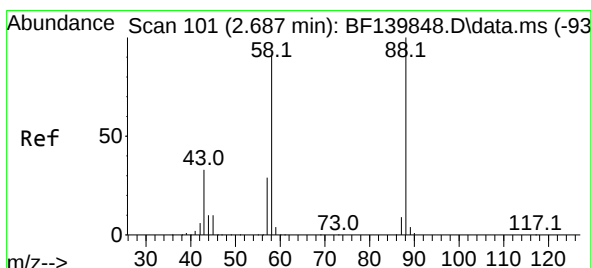
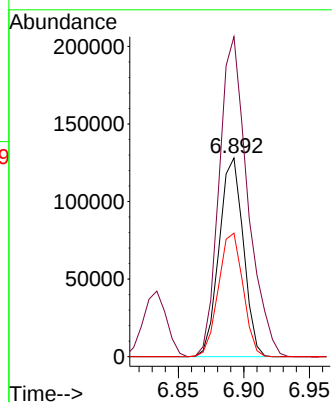
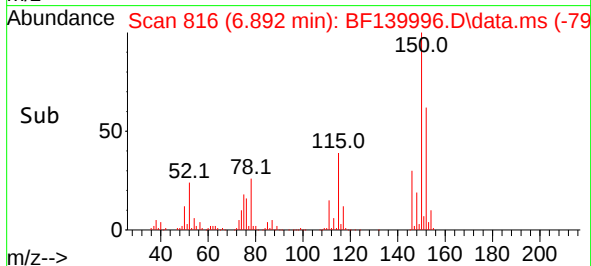


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

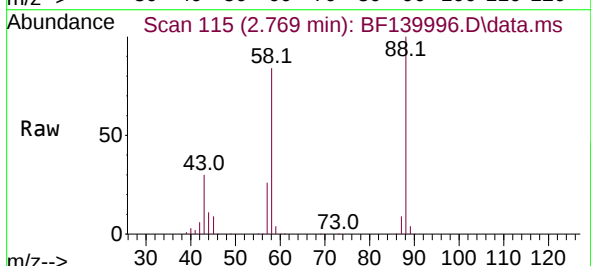
Instrument :
BNA_F
ClientSampleId :
PB163997BS



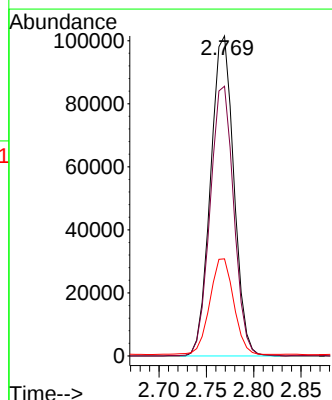
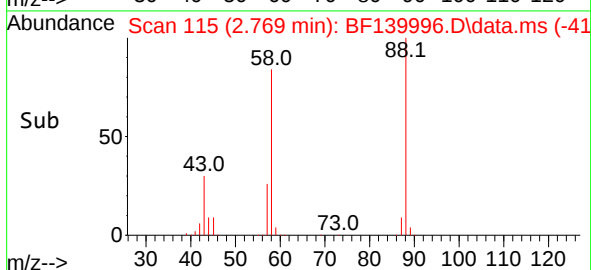
Tgt Ion:152 Resp: 164356
Ion Ratio Lower Upper
152 100
150 161.0 130.2 195.2
115 62.1 51.4 77.2

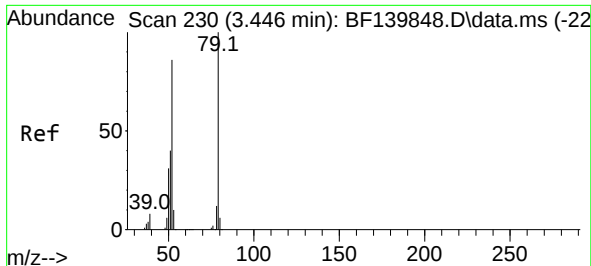


#2
1,4-Dioxane
Concen: 35.399 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.082 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53



Tgt Ion: 88 Resp: 173277
Ion Ratio Lower Upper
88 100
58 85.9 73.3 109.9
43 30.8 27.1 40.7





#3

Pyridine

Concen: 37.523 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.076 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

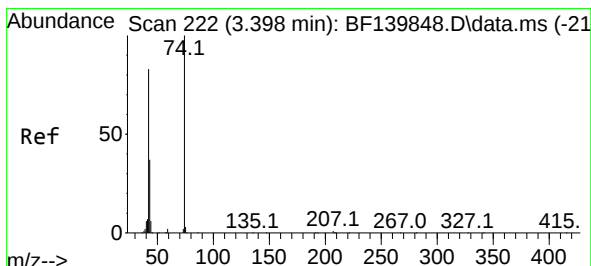
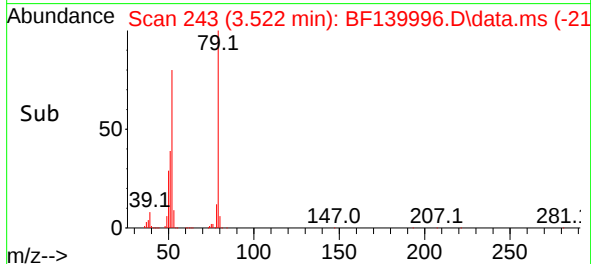
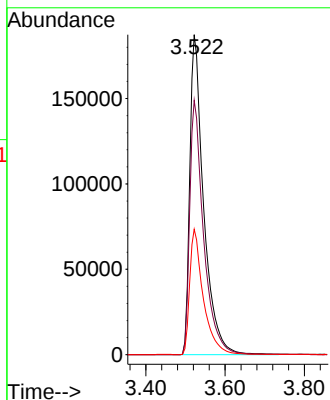
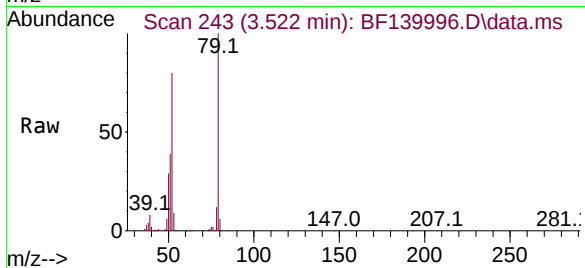
Tgt Ion: 79 Resp: 455277

Ion Ratio Lower Upper

79 100

52 79.5 68.5 102.7

51 39.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 39.289 ng

RT: 3.475 min Scan# 235

Delta R.T. 0.076 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

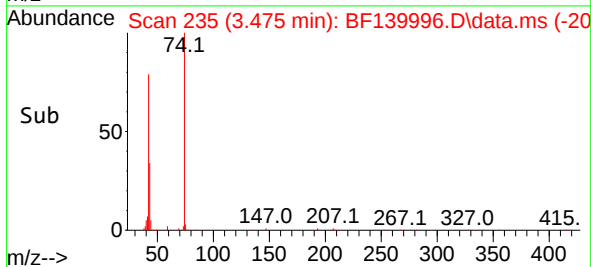
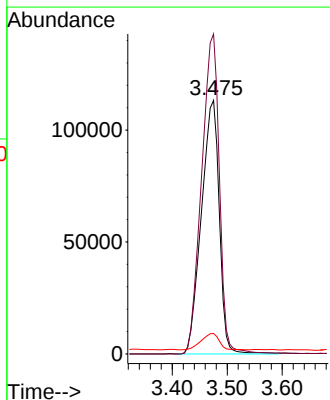
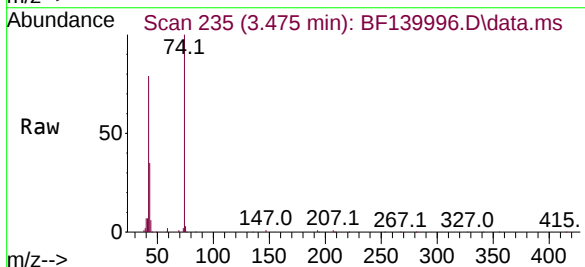
Tgt Ion: 42 Resp: 256120

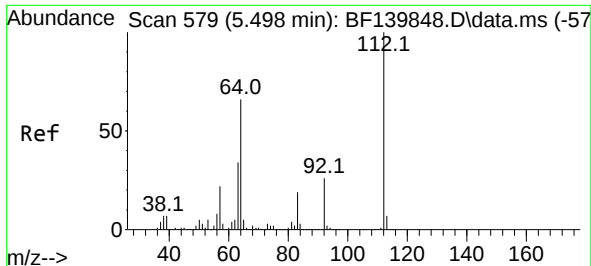
Ion Ratio Lower Upper

42 100

74 126.2 96.2 144.4

44 8.1 6.2 9.2

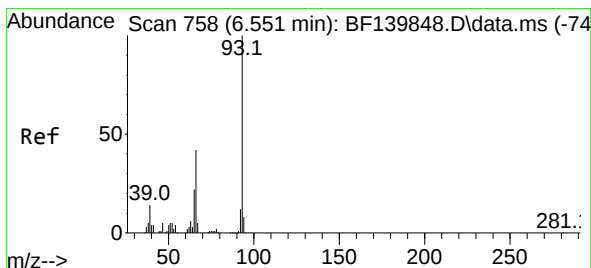
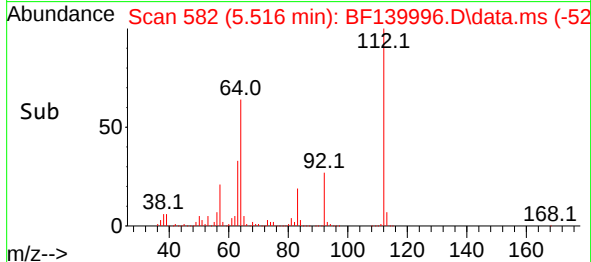
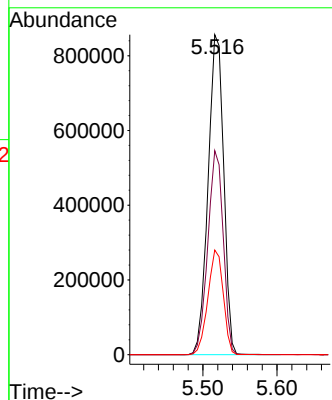
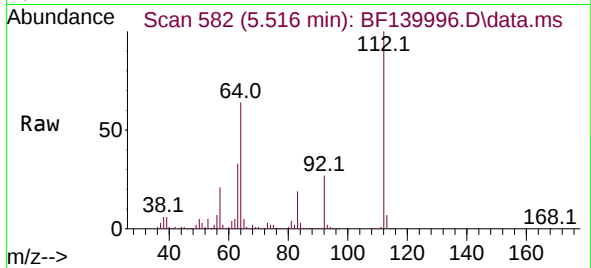




#5
2-Fluorophenol
Concen: 119.350 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

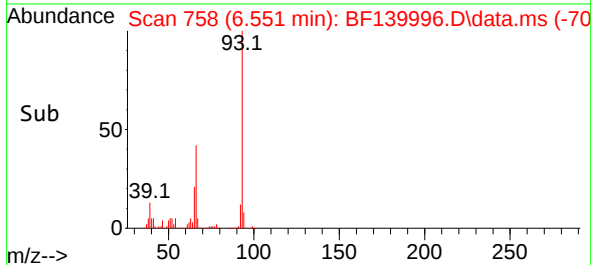
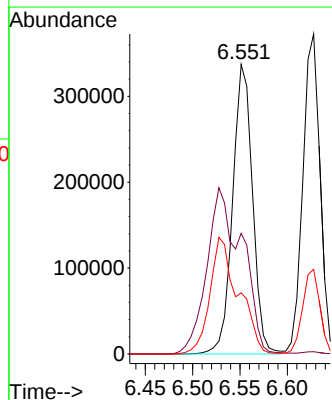
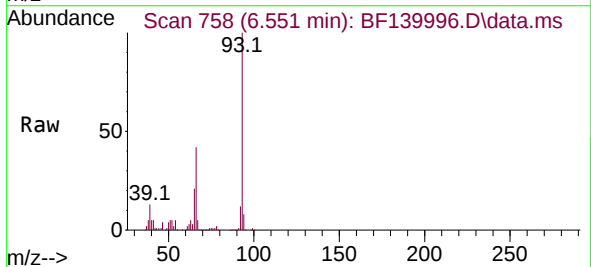
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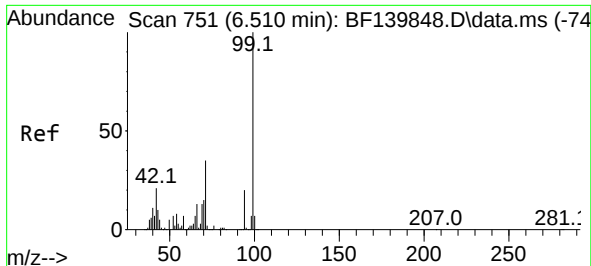
Tgt Ion:112 Resp: 1253025
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 32.7 27.0 40.4



#6
Aniline
Concen: 38.765 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion: 93 Resp: 491259
Ion Ratio Lower Upper
93 100
66 41.7 34.0 51.0
65 21.1 17.4 26.0





#7

Phenol-d6

Concen: 117.517 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

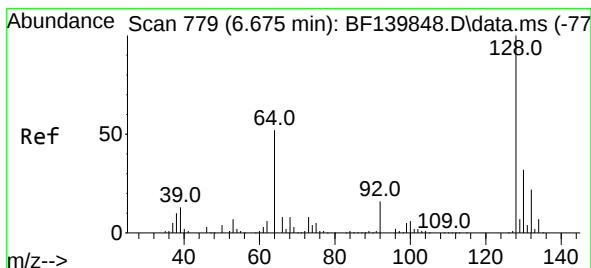
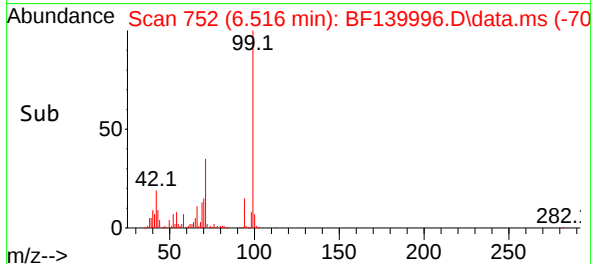
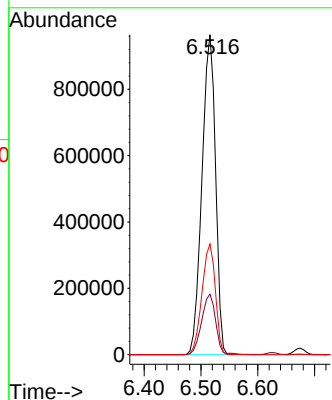
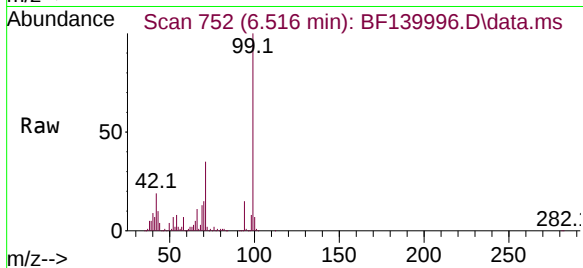
BNA_F

ClientSampleId :

PB163997BS

Tgt Ion: 99 Resp: 1597939

Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.7	25.1
71	34.6	27.7	41.5



#8

2-Chlorophenol

Concen: 45.586 ng

RT: 6.675 min Scan# 779

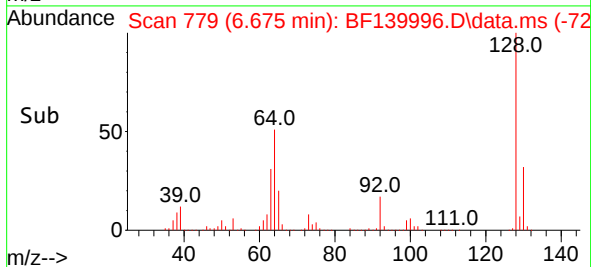
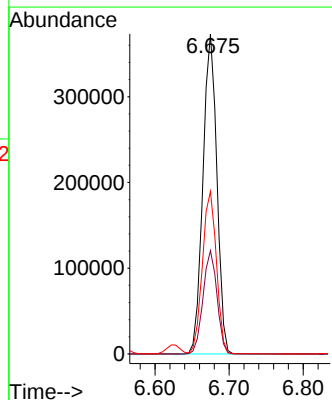
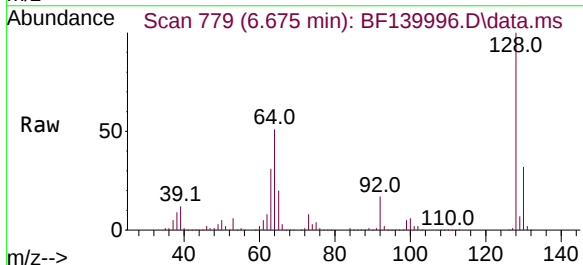
Delta R.T. 0.000 min

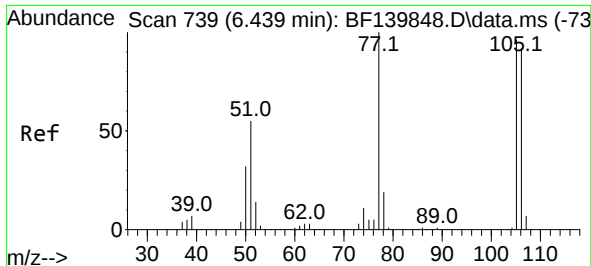
Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Tgt Ion:128 Resp: 489267

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.3	52.3
64	50.8	34.6	74.6





#9

Benzaldehyde

Concen: 14.349 ng

RT: 6.439 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

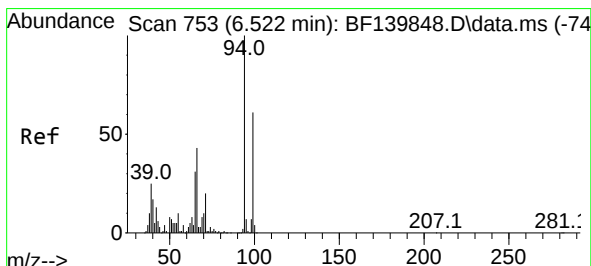
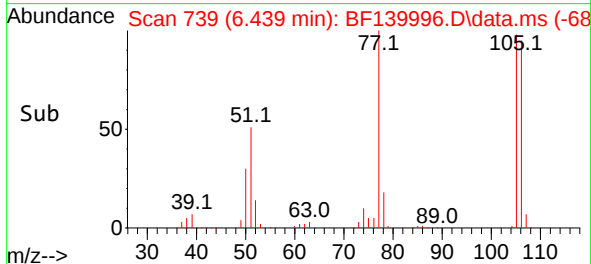
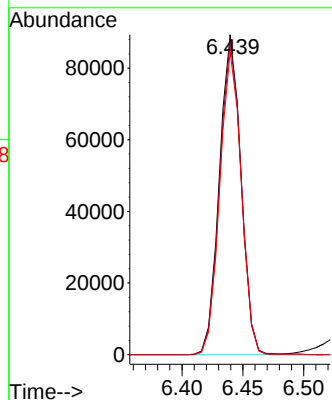
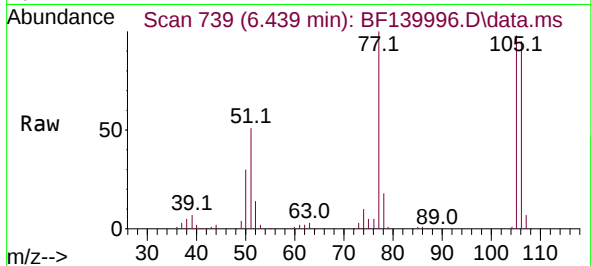
Tgt Ion: 77 Resp: 109758

Ion Ratio Lower Upper

77 100

105 97.8 75.5 115.5

106 94.6 71.7 111.7



#10

Phenol

Concen: 43.043 ng m

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

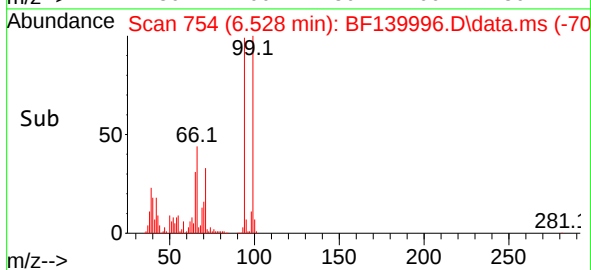
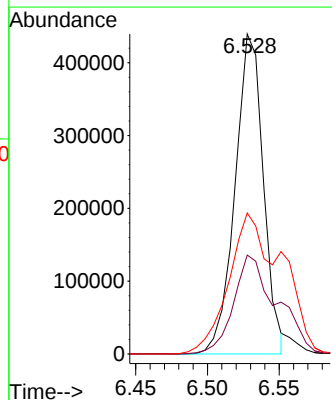
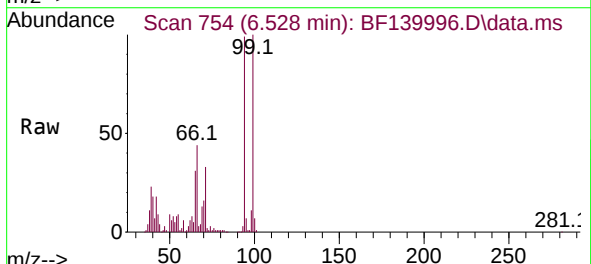
Tgt Ion: 94 Resp: 603394

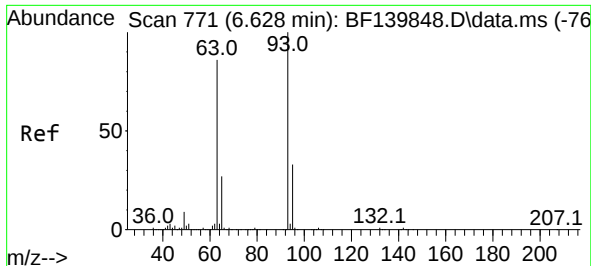
Ion Ratio Lower Upper

94 100

65 30.9 11.1 51.1

66 44.1 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 42.909 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

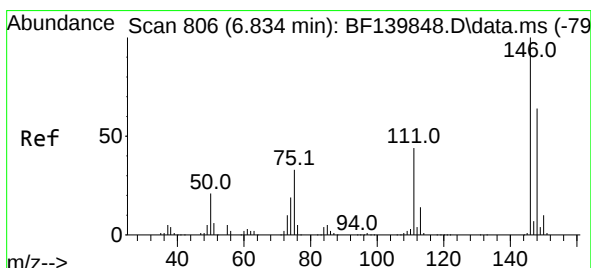
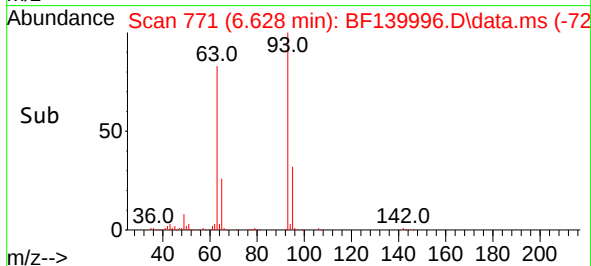
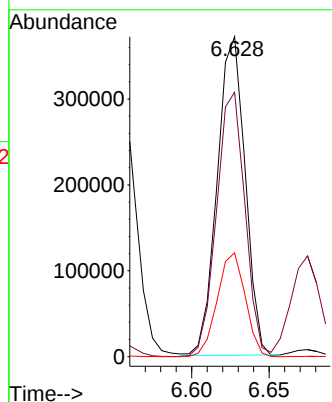
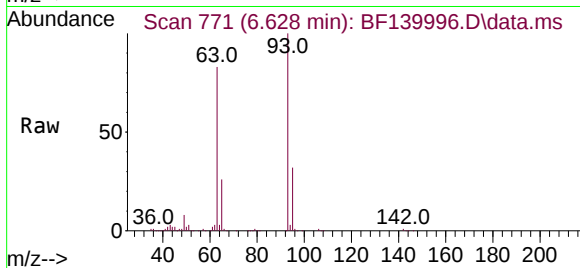
Tgt Ion: 93 Resp: 464926

Ion Ratio Lower Upper

93 100

63 82.7 65.0 105.0

95 32.5 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 41.966 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

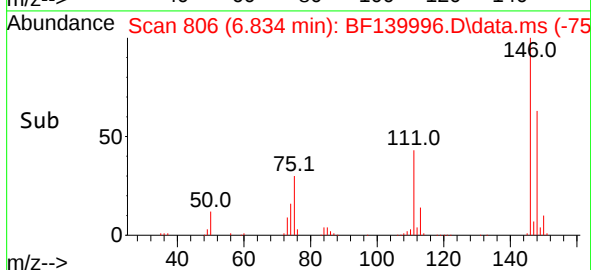
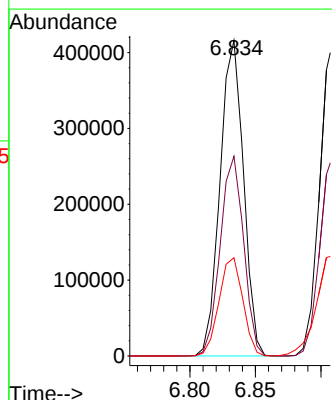
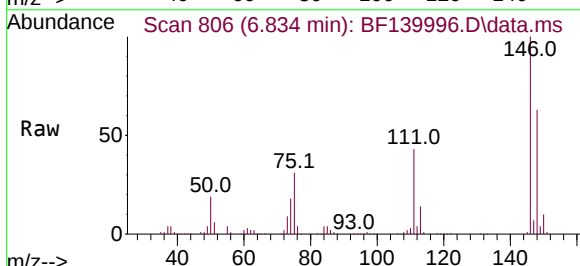
Tgt Ion:146 Resp: 517040

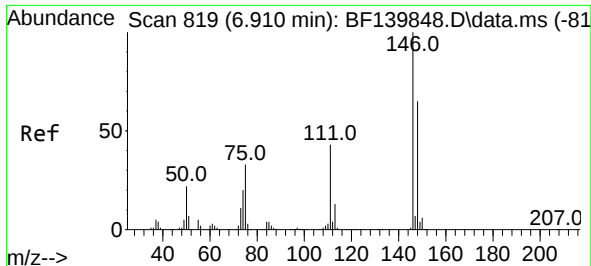
Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.4

75 31.1 26.4 39.6

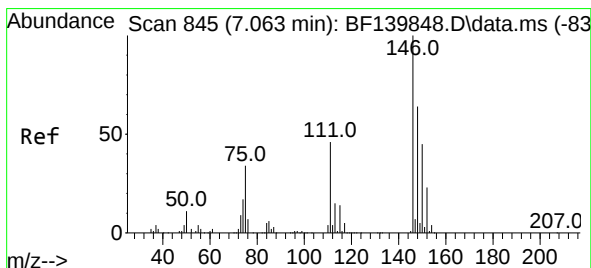
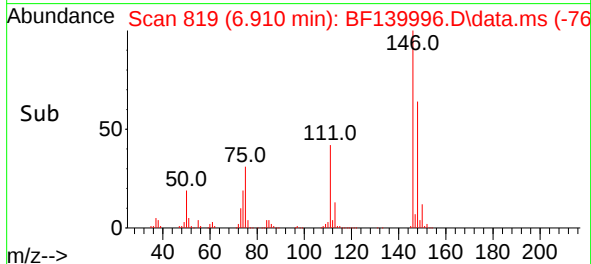
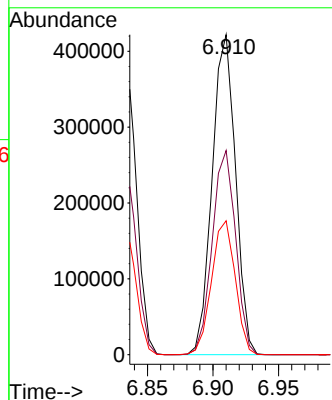
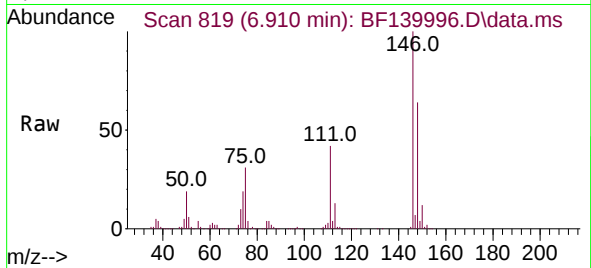




#13
1,4-Dichlorobenzene
Concen: 42.563 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

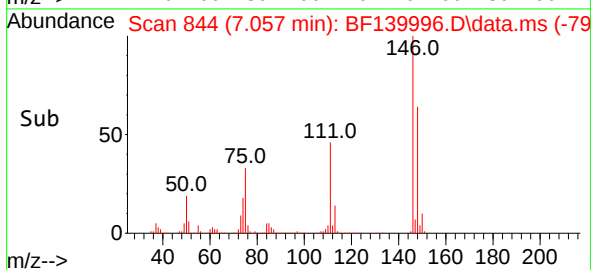
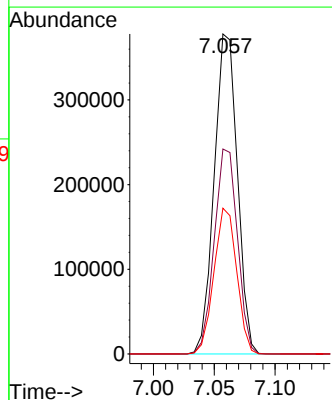
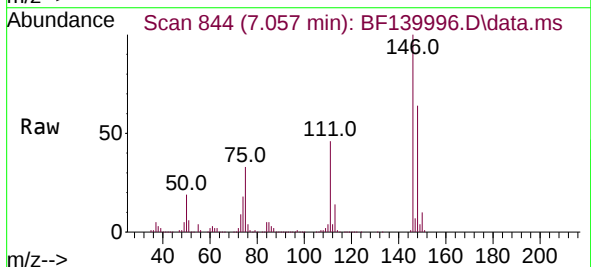
Instrument :
BNA_F
ClientSampleId :
PB163997BS

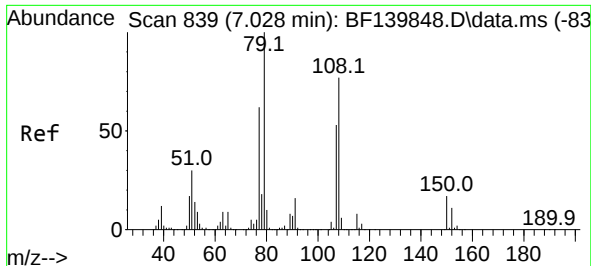
Tgt Ion:146 Resp: 523903
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 41.8 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 43.643 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:146 Resp: 501365
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 45.6 36.7 55.1

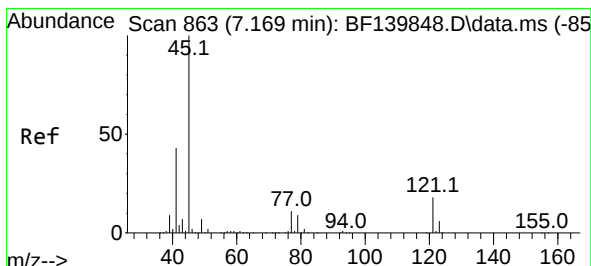
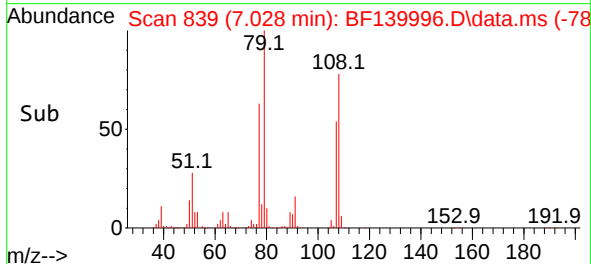
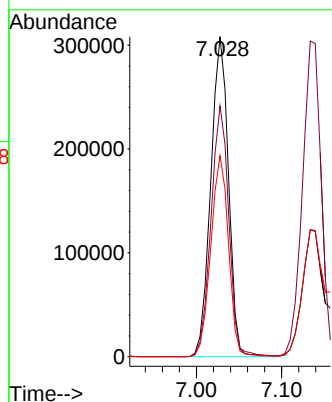
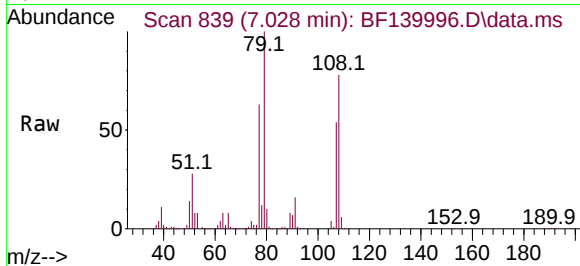




#15
Benzyl Alcohol
Concen: 44.652 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

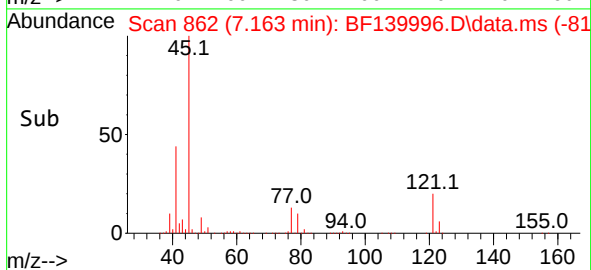
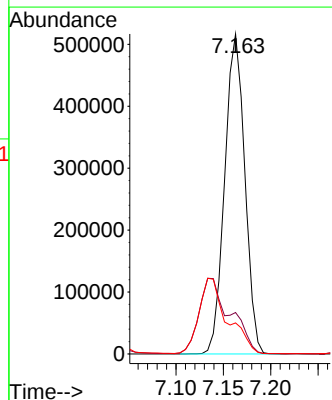
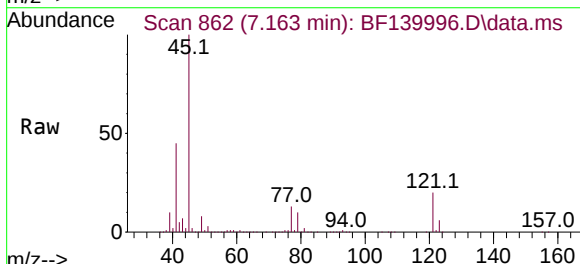
Instrument :
BNA_F
ClientSampleId :
PB163997BS

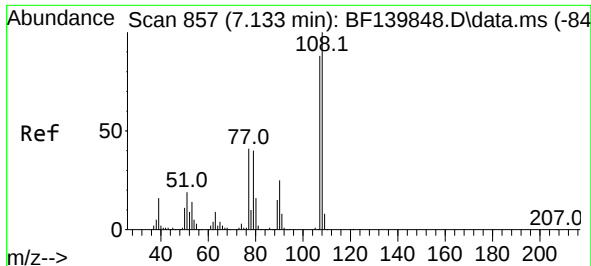
Tgt Ion: 79 Resp: 445371
Ion Ratio Lower Upper
79 100
108 78.4 61.4 92.0
77 62.8 49.9 74.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.329 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

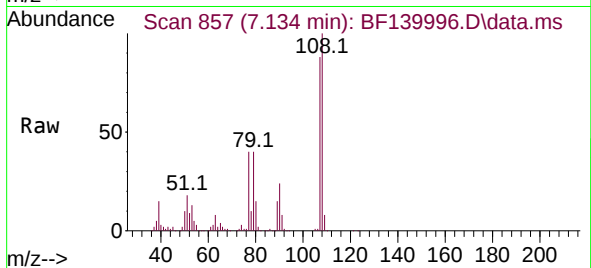
Tgt Ion: 45 Resp: 763565
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.5
79 9.7 0.0 29.1



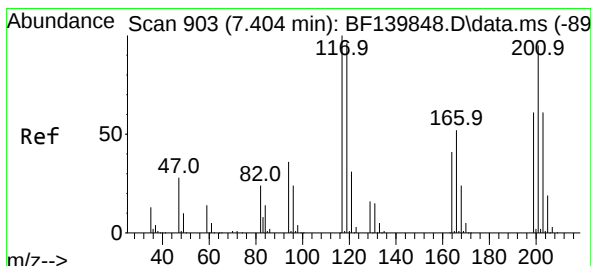
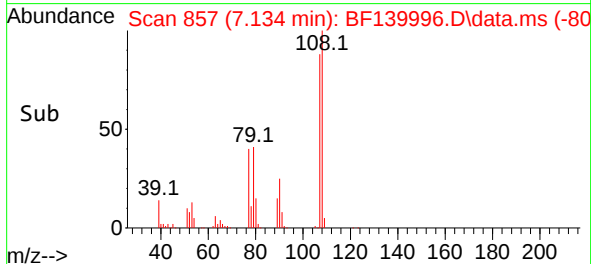
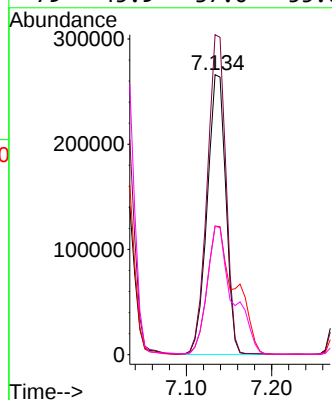


#17
2-Methylphenol
Concen: 44.199 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB163997BS

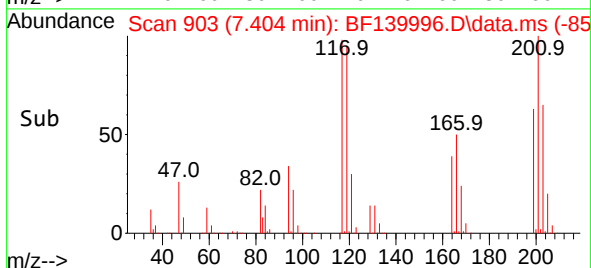
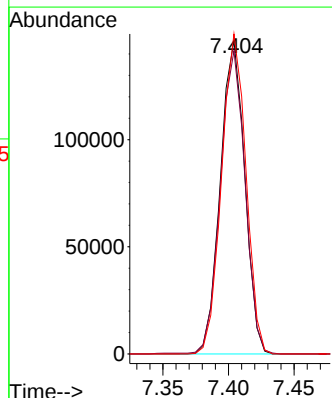
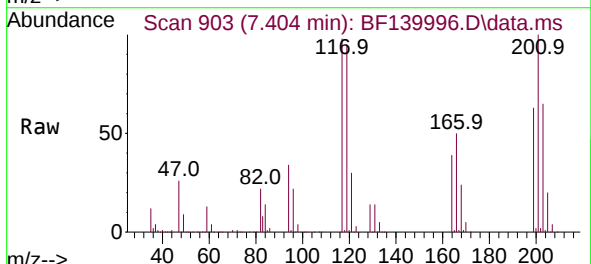


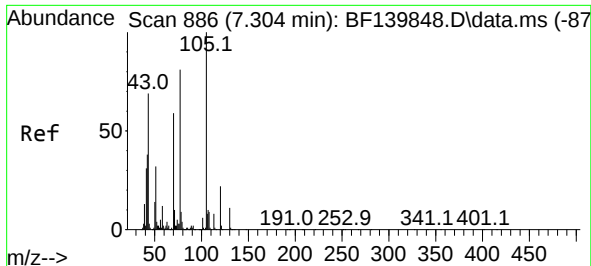
Tgt Ion:	107	Resp:	404506
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.3	136.9
77	45.9	37.1	55.7
79	45.9	37.0	55.6



#18
Hexachloroethane
Concen: 43.035 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:	117	Resp:	188897
Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.0	115.4
201	102.1	76.2	114.4



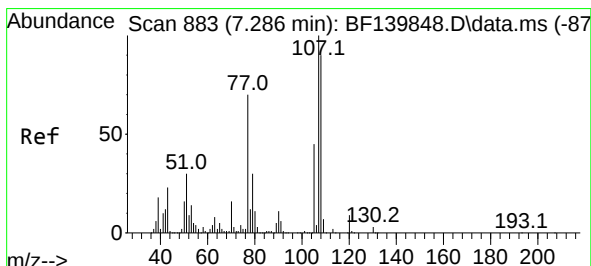
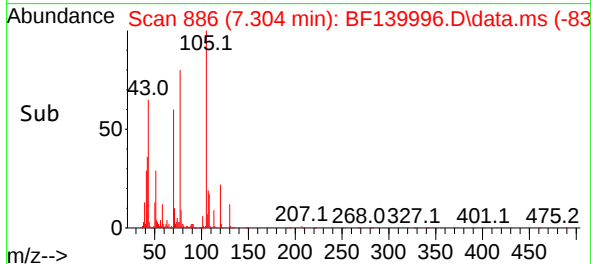
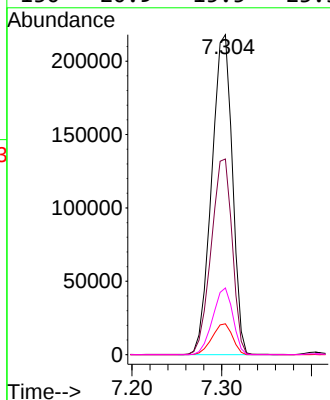
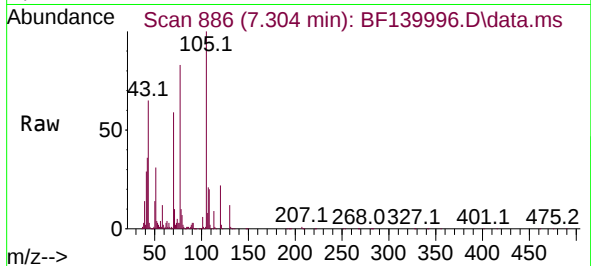


#19
n-Nitroso-di-n-propylamine
Concen: 42.247 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB163997BS

Tgt Ion: 70 Resp: 348405

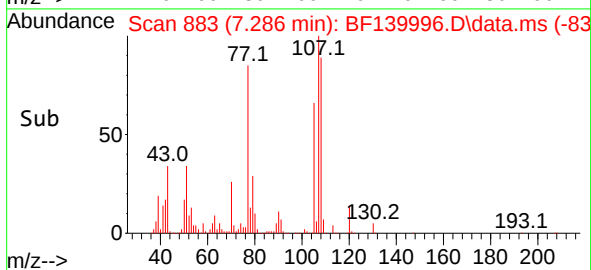
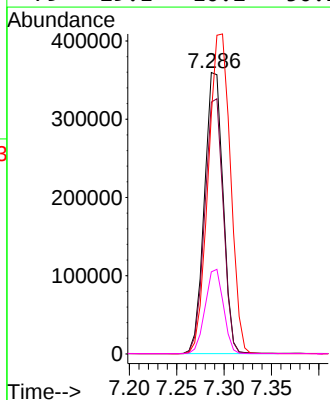
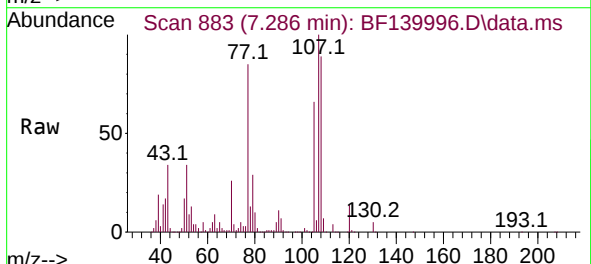
Ion	Ratio	Lower	Upper
70	100		
42	61.2	51.5	77.3
101	9.7	7.5	11.3
130	20.9	15.5	23.3

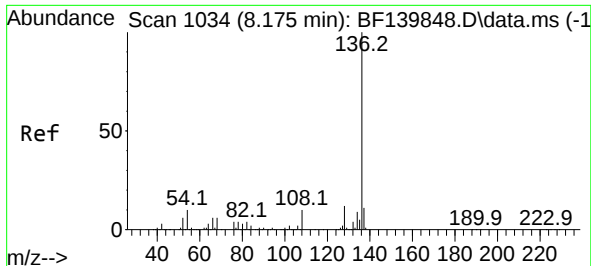


#20
3+4-Methylphenols
Concen: 41.941 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion: 107 Resp: 490963

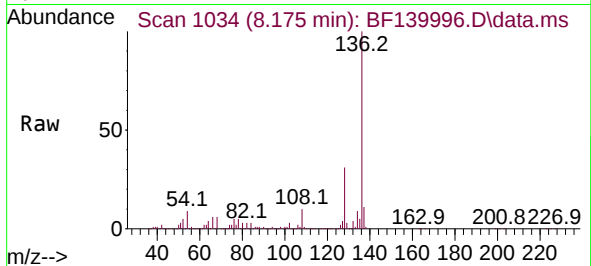
Ion	Ratio	Lower	Upper
107	100		
108	89.5	69.8	109.8
77	84.9	50.5	90.5
79	29.1	10.2	50.2





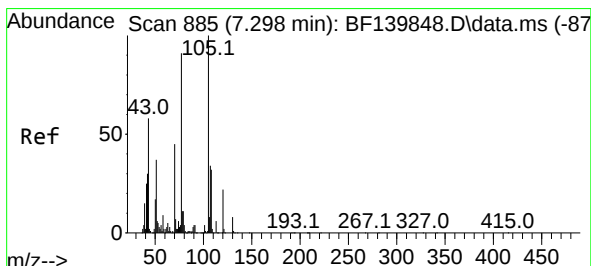
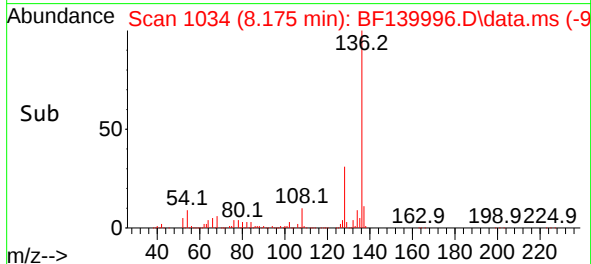
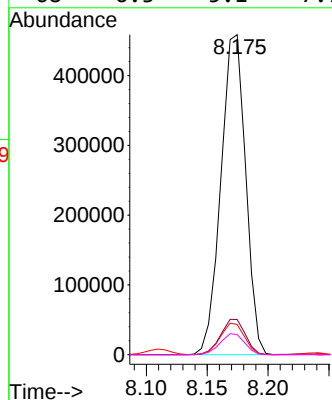
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB163997BS



Tgt Ion:136 Resp: 649759

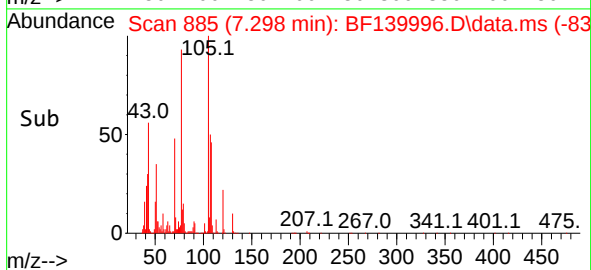
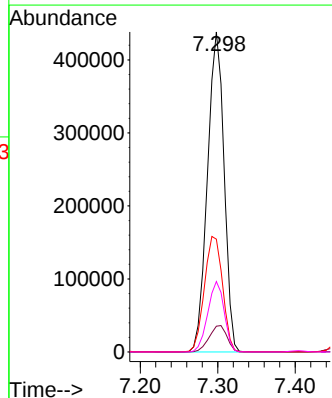
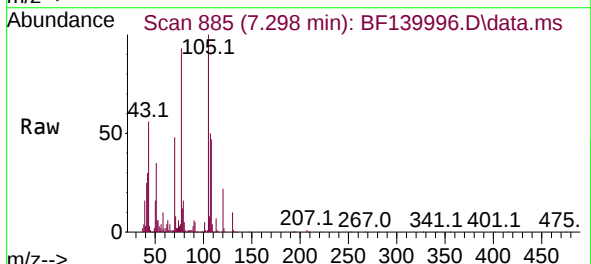
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.5	8.4	12.6
68	6.3	5.1	7.7

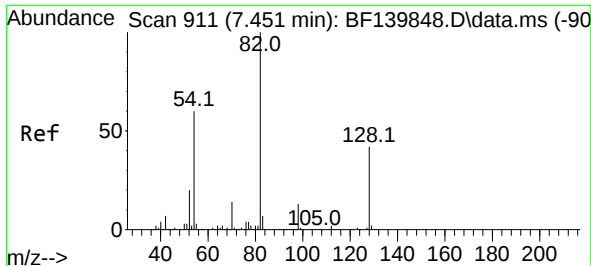


#22
Acetophenone
Concen: 41.072 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:105 Resp: 653644

Ion	Ratio	Lower	Upper
105	100		
71	8.1	5.9	8.9
51	35.3	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 88.436 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

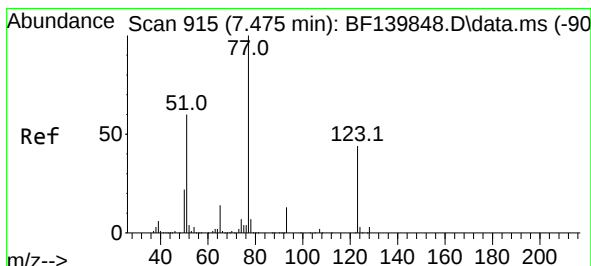
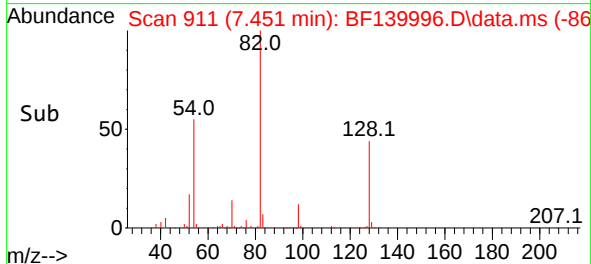
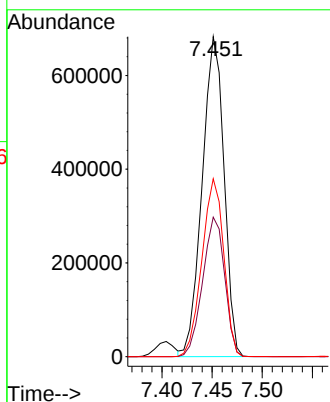
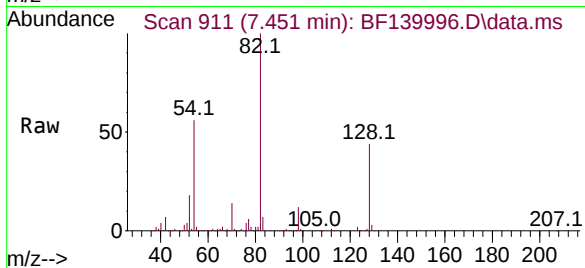
BNA_F

ClientSampleId :

PB163997BS

Tgt Ion: 82 Resp: 1036778

Ion	Ratio	Lower	Upper
82	100		
128	43.6	33.4	50.0
54	55.6	47.8	71.8



#24

Nitrobenzene

Concen: 40.988 ng

RT: 7.469 min Scan# 914

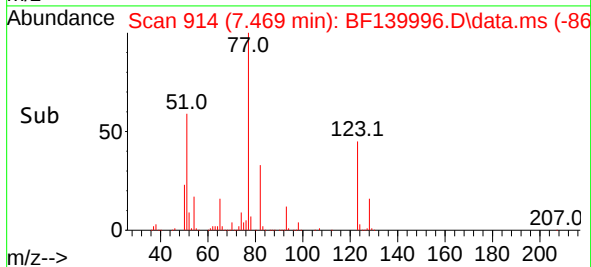
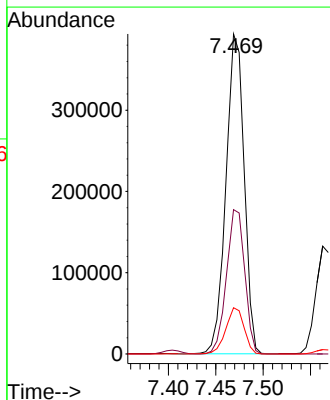
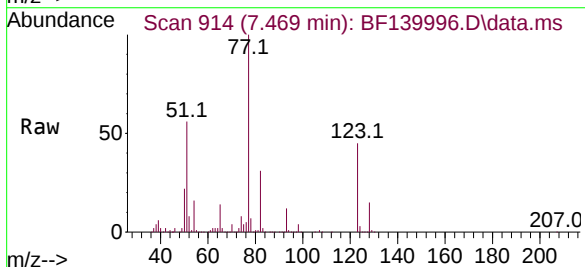
Delta R.T. -0.006 min

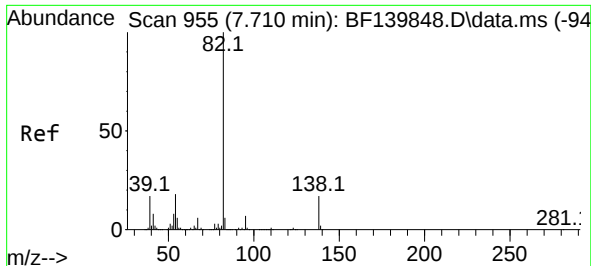
Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Tgt Ion: 77 Resp: 526843

Ion	Ratio	Lower	Upper
77	100		
123	45.1	35.7	53.5
65	14.5	11.5	17.3

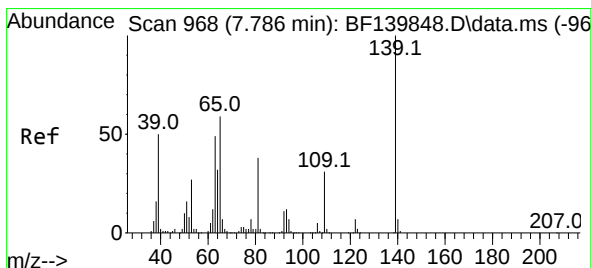
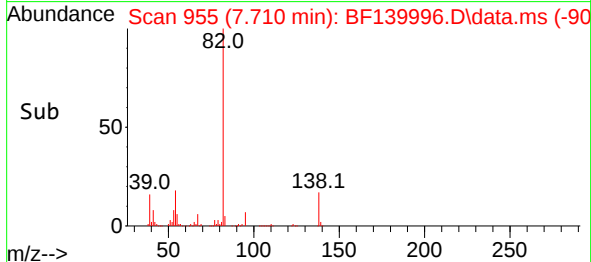
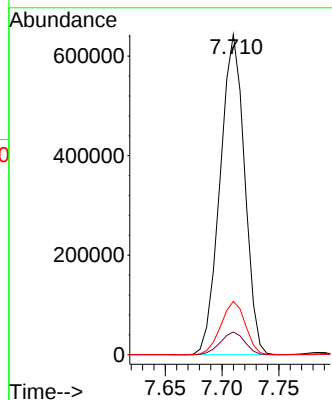
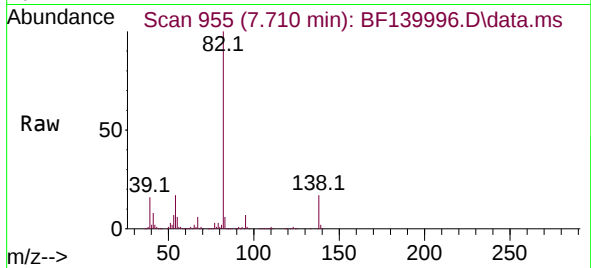




#25
Isophorone
Concen: 43.343 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

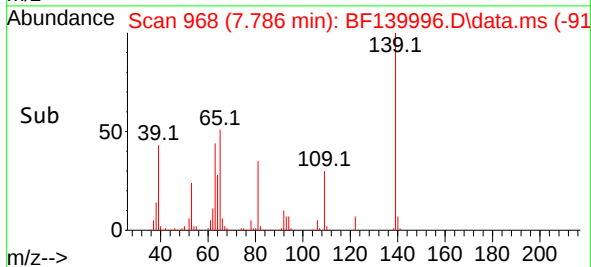
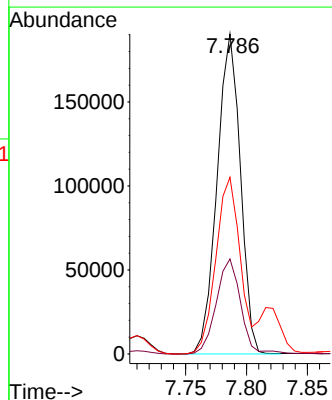
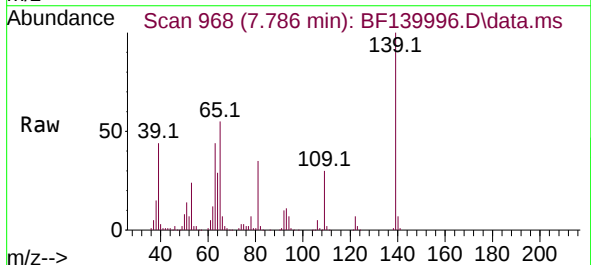
Instrument :
BNA_F
ClientSampleId :
PB163997BS

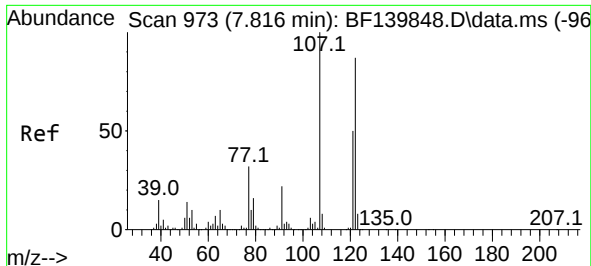
Tgt Ion: 82 Resp: 964439
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.7 13.2 19.8



#26
2-Nitrophenol
Concen: 52.361 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

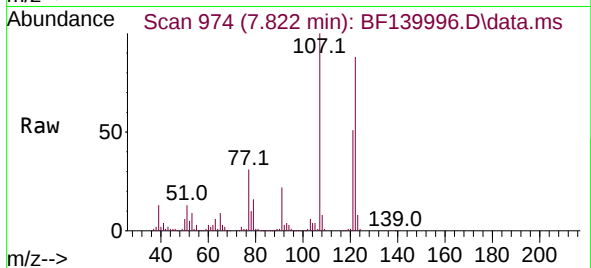
Tgt Ion:139 Resp: 253901
Ion Ratio Lower Upper
139 100
109 29.7 25.1 37.7
65 55.2 47.5 71.3



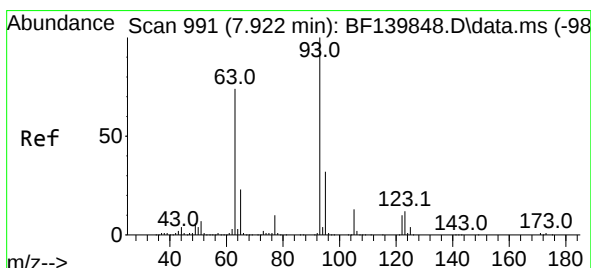
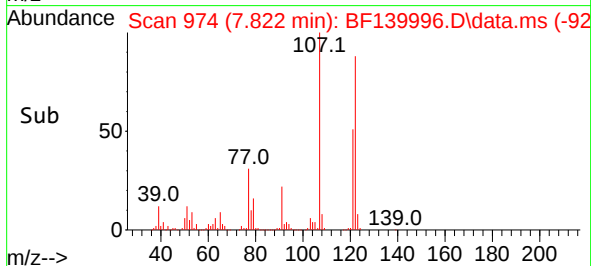
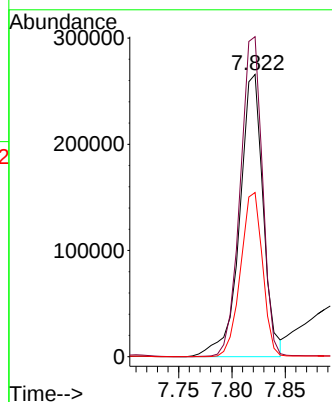


#27
2,4-Dimethylphenol
Concen: 50.480 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB163997BS

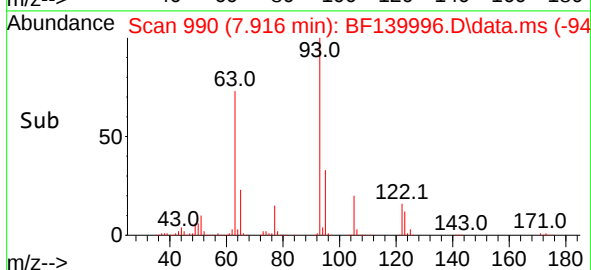
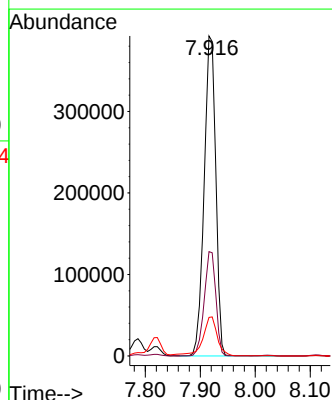
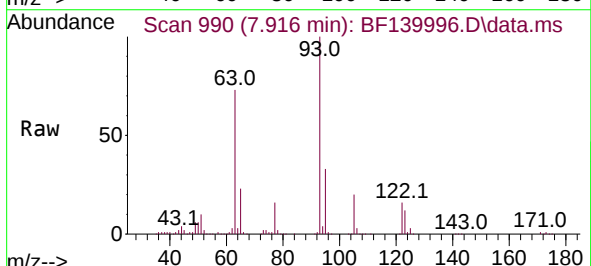


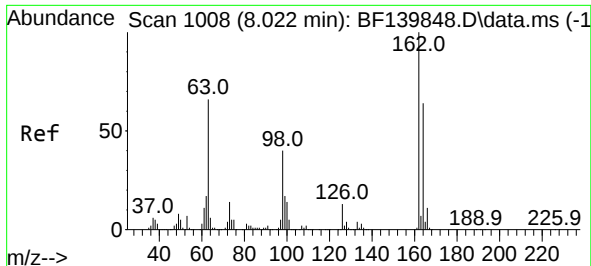
Tgt Ion:122 Resp: 408162
Ion Ratio Lower Upper
122 100
107 113.4 91.9 137.9
121 58.2 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 42.844 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion: 93 Resp: 577596
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 44.043 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

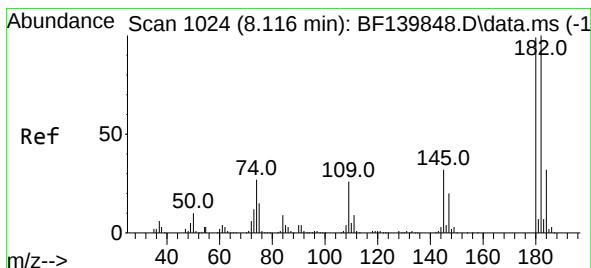
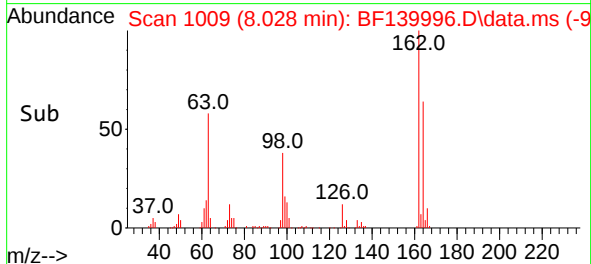
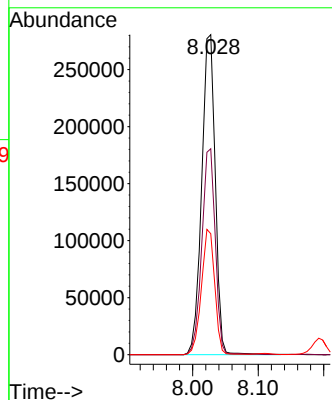
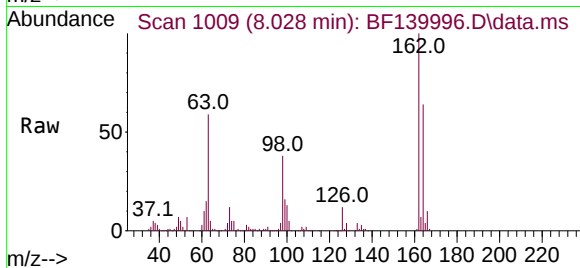
Tgt Ion:162 Resp: 405624

Ion Ratio Lower Upper

162 100

164 64.4 43.9 83.9

98 37.8 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 41.765 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

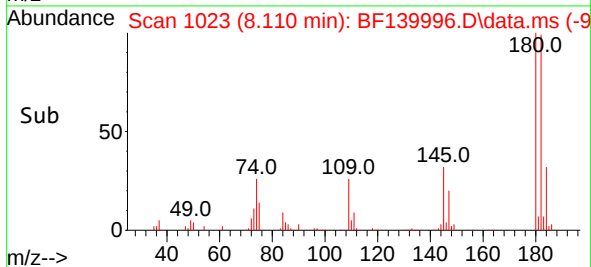
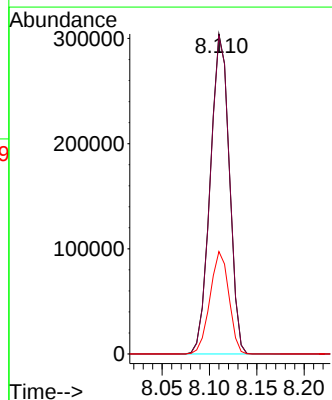
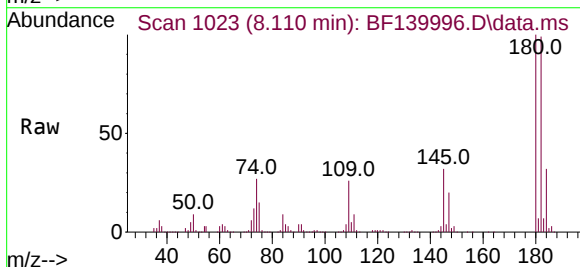
Tgt Ion:180 Resp: 425616

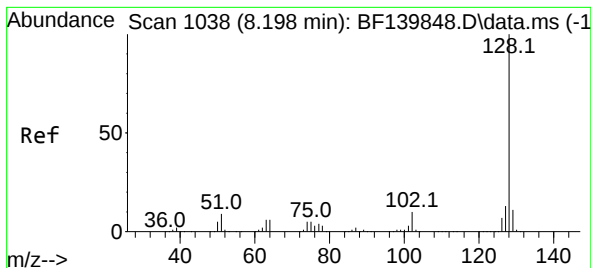
Ion Ratio Lower Upper

180 100

182 99.4 80.5 120.7

145 32.0 25.4 38.0





#31

Naphthalene

Concen: 41.906 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

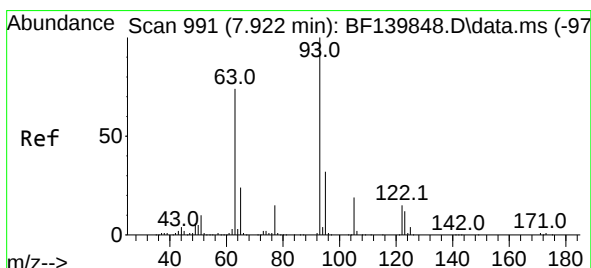
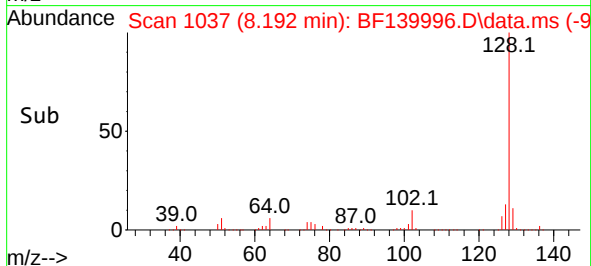
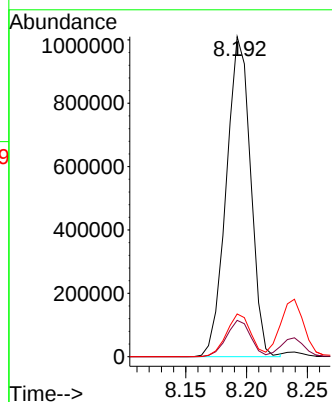
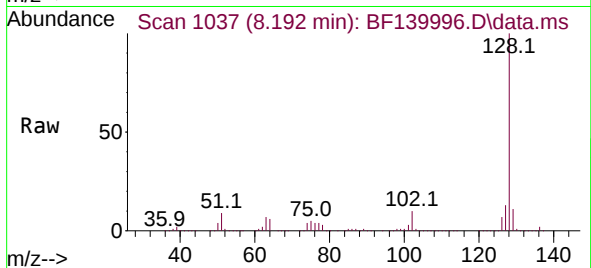
Tgt Ion:128 Resp: 1404294

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 46.217 ng

RT: 7.933 min Scan# 993

Delta R.T. 0.011 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

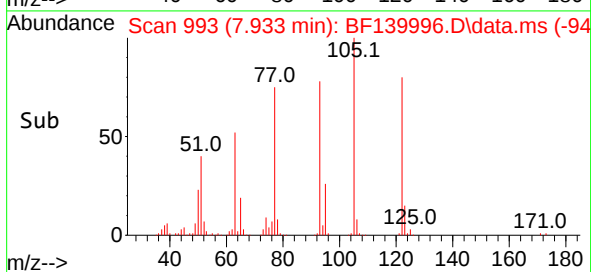
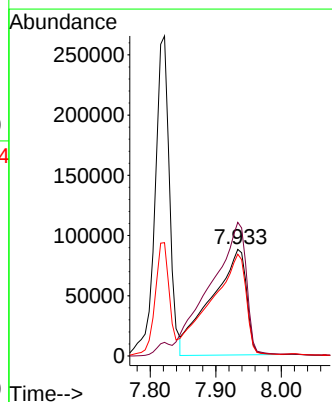
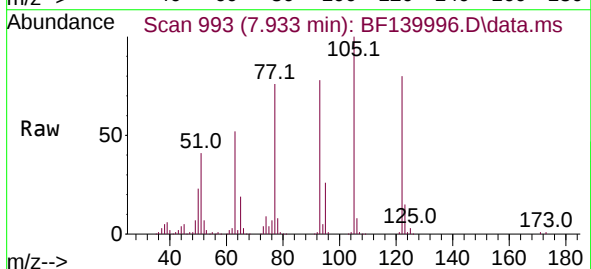
Tgt Ion:122 Resp: 325934

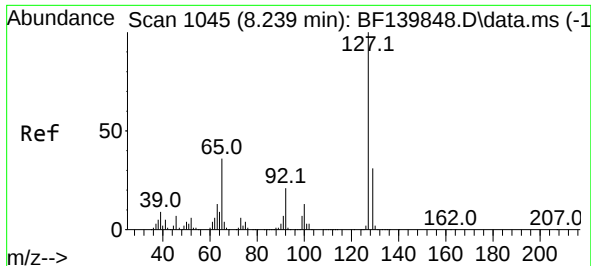
Ion Ratio Lower Upper

122 100

105 125.3 107.6 147.6

77 95.4 80.2 120.2

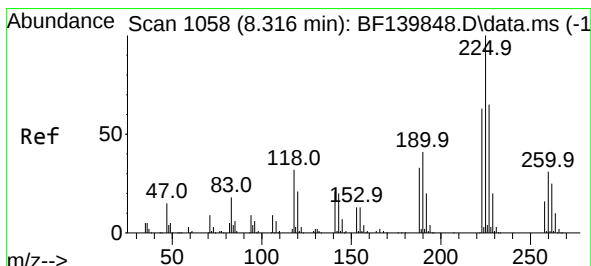
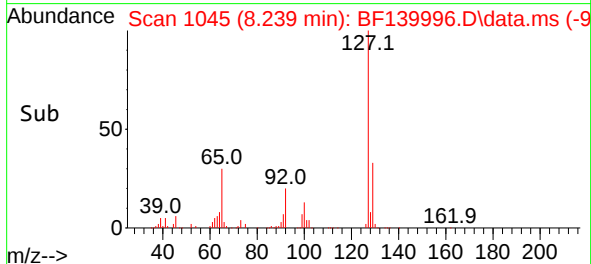
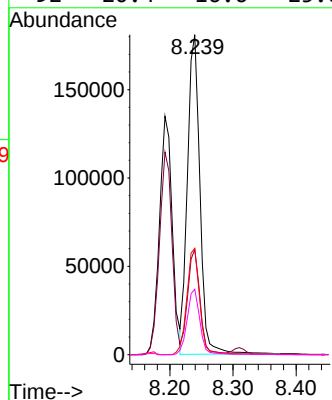
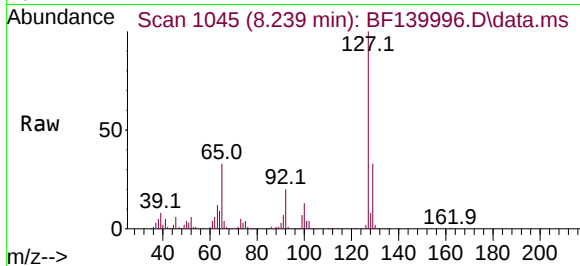




#33
4-Chloroaniline
Concen: 21.854 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

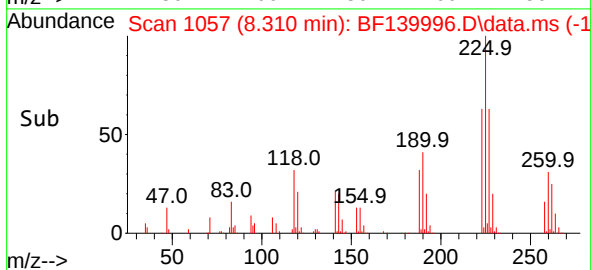
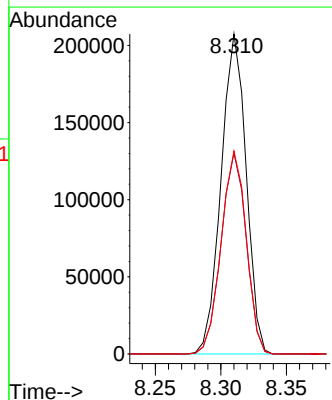
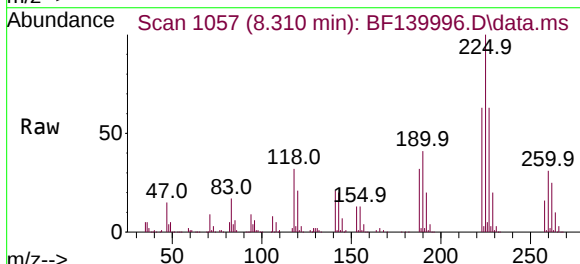
Instrument :
BNA_F
ClientSampleId :
PB163997BS

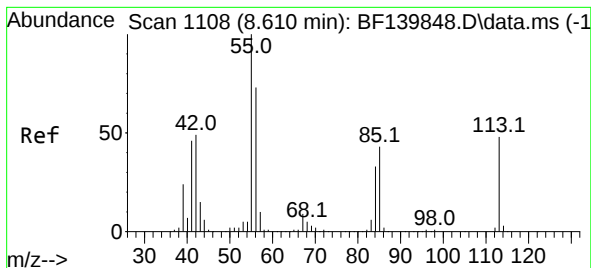
Tgt Ion:	127	Resp:	249716
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.4	38.2
65	33.2	28.4	42.6
92	20.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 43.007 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:	225	Resp:	275369
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.6	76.0
227	63.5	51.8	77.8





#35

Caprolactam

Concen: 43.809 ng m

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

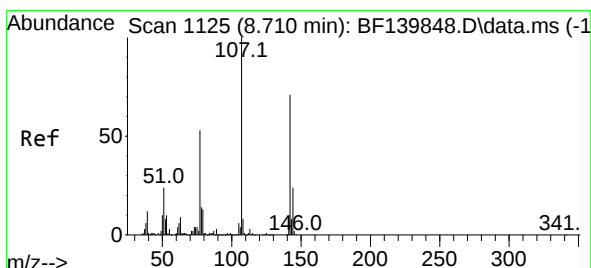
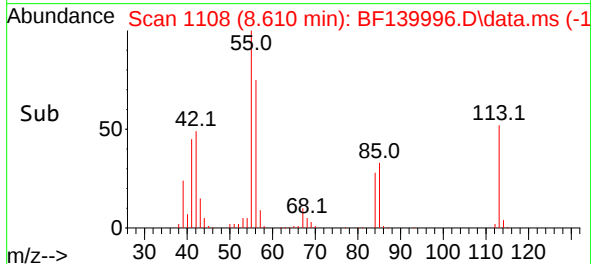
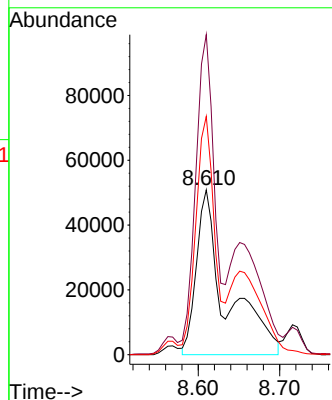
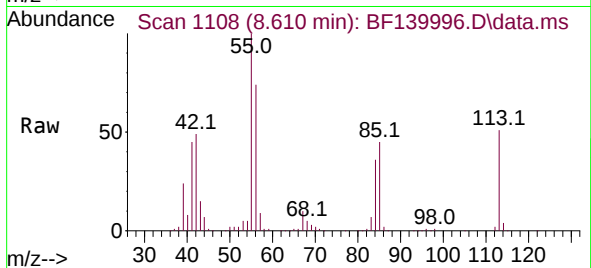
Tgt Ion:113 Resp: 128289

Ion Ratio Lower Upper

113 100

55 194.3 189.2 229.2

56 144.7 132.5 172.5



#36

4-Chloro-3-methylphenol

Concen: 43.318 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

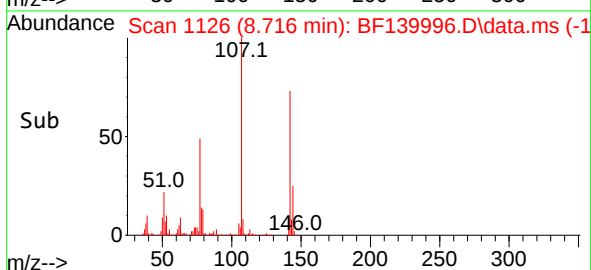
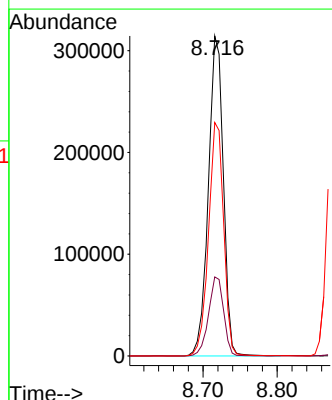
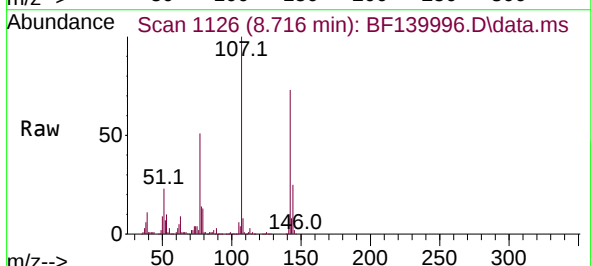
Tgt Ion:107 Resp: 441744

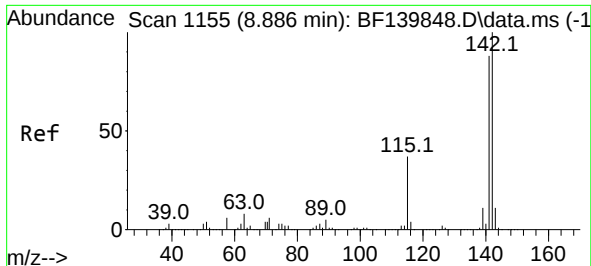
Ion Ratio Lower Upper

107 100

144 24.7 19.1 28.7

142 73.0 57.2 85.8

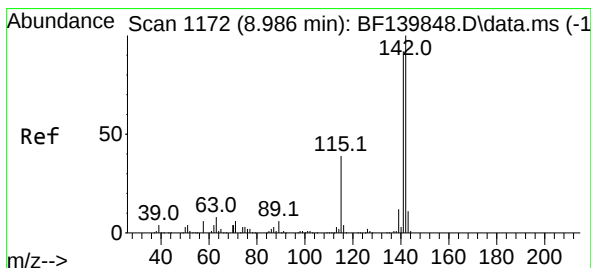
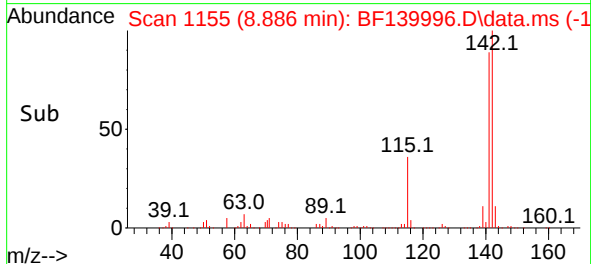
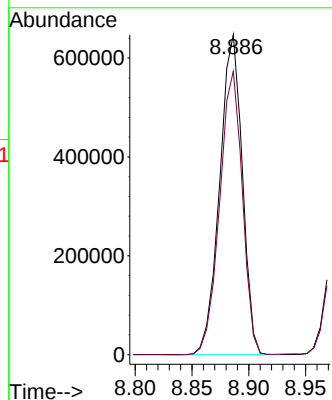
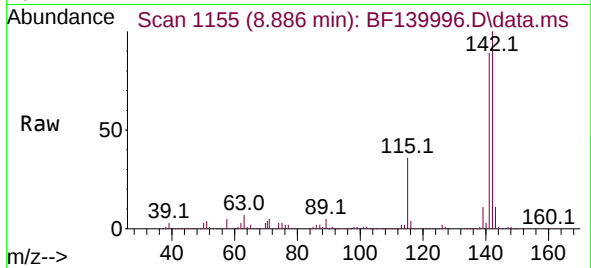




#37
2-Methylnaphthalene
Concen: 43.627 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

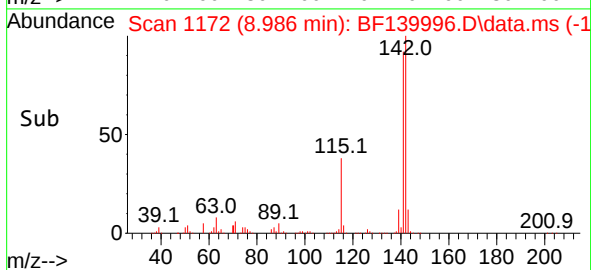
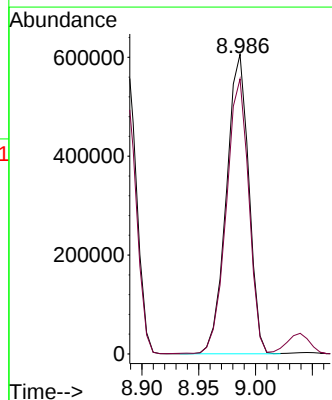
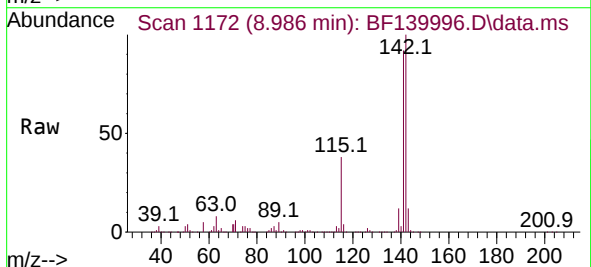
Instrument :
BNA_F
ClientSampleId :
PB163997BS

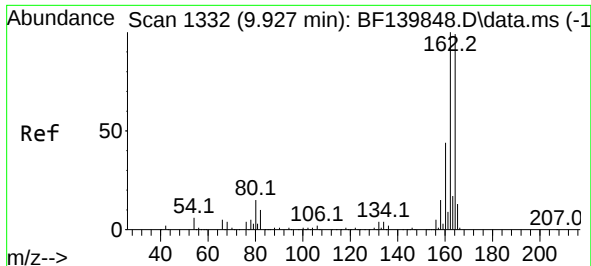
Tgt Ion:142 Resp: 895364
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2



#38
1-Methylnaphthalene
Concen: 41.266 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:142 Resp: 830913
Ion Ratio Lower Upper
142 100
141 91.8 73.5 110.3

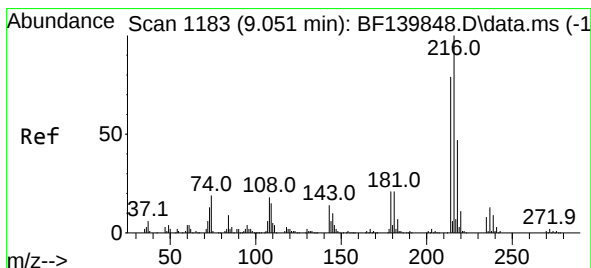
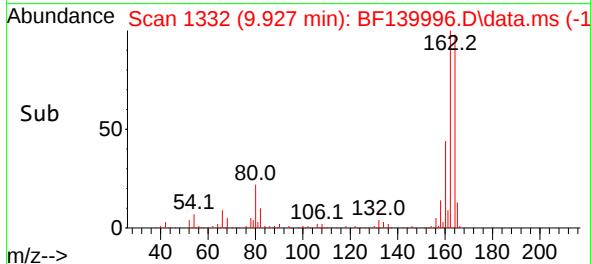
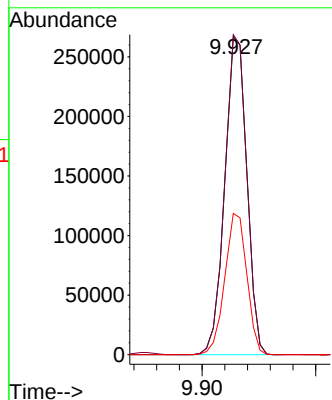
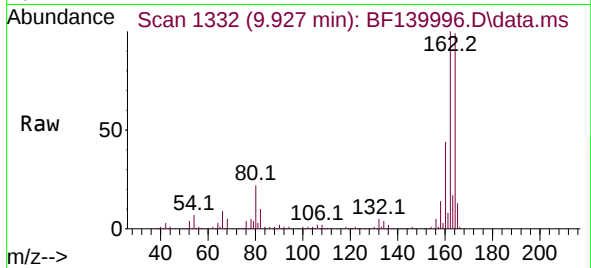




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

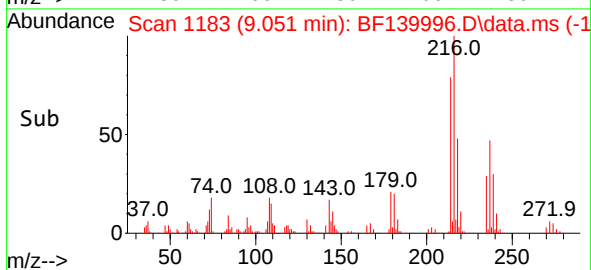
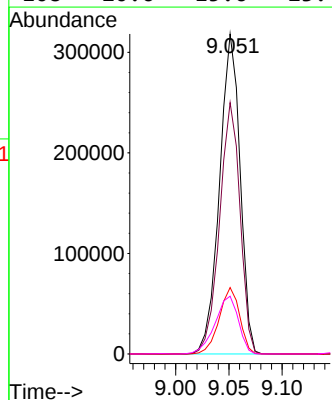
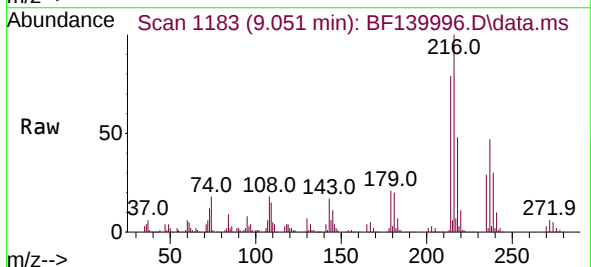
Instrument :
BNA_F
ClientSampleId :
PB163997BS

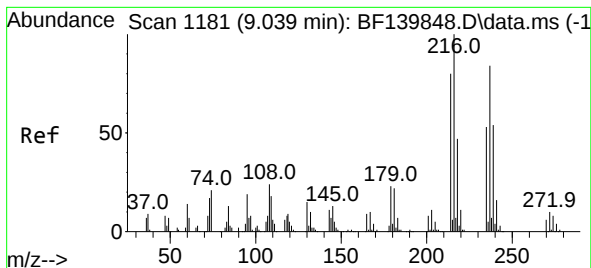
Tgt Ion:164 Resp: 360632
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.4 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.822 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:216 Resp: 426359
Ion Ratio Lower Upper
216 100
214 78.0 63.4 95.0
179 20.7 17.2 25.8
108 20.6 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 156.279 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

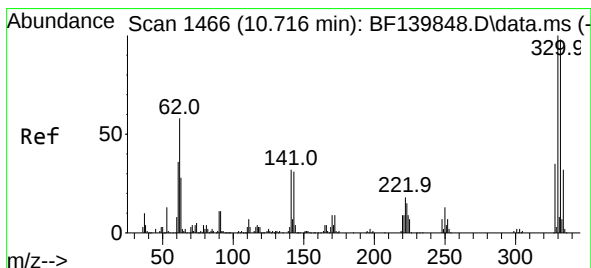
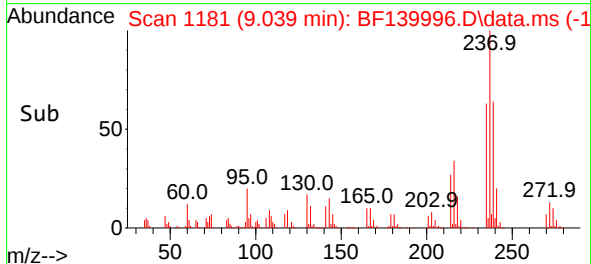
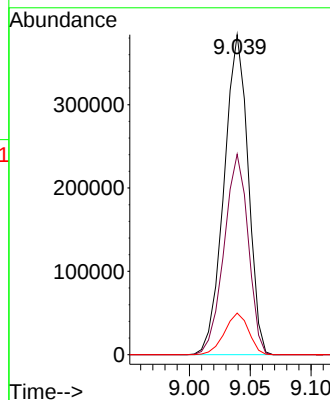
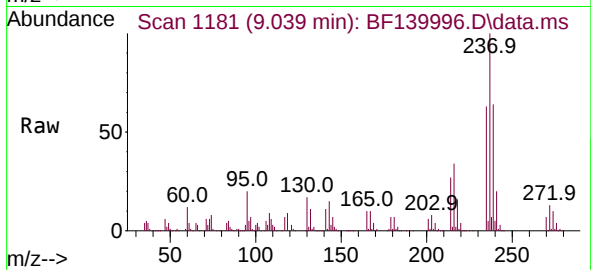
Tgt Ion:237 Resp: 529056

Ion Ratio Lower Upper

237 100

235 62.7 42.9 82.9

272 13.0 0.0 32.3



#42

2,4,6-Tribromophenol

Concen: 143.436 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

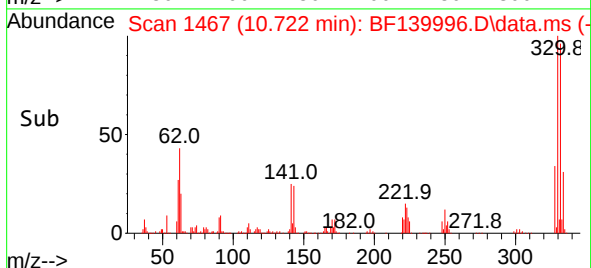
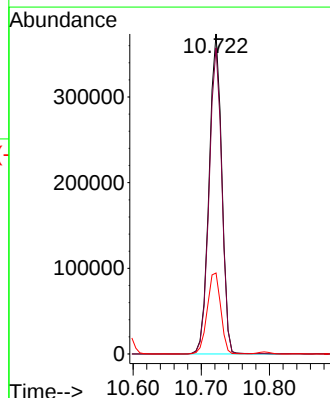
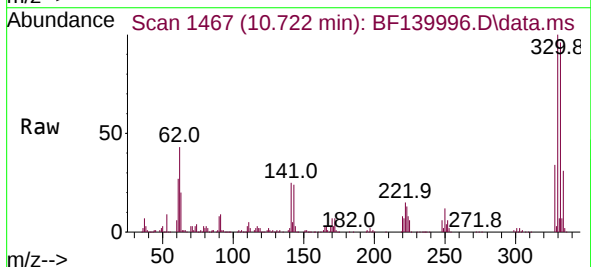
Tgt Ion:330 Resp: 483845

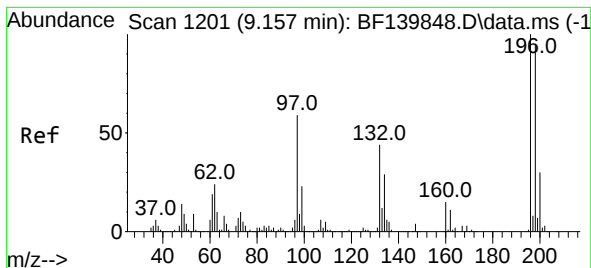
Ion Ratio Lower Upper

330 100

332 95.6 78.1 117.1

141 26.9 26.6 39.8

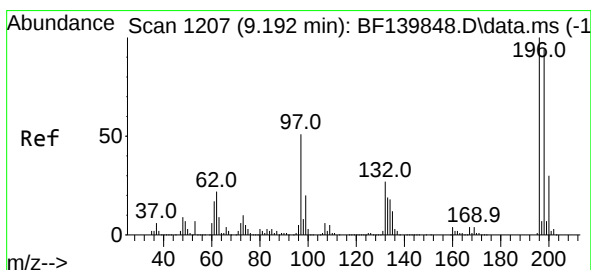
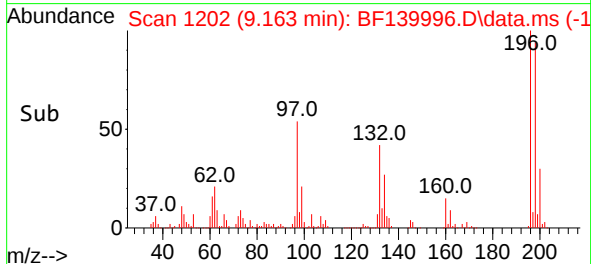
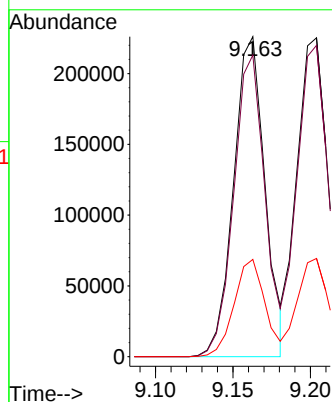
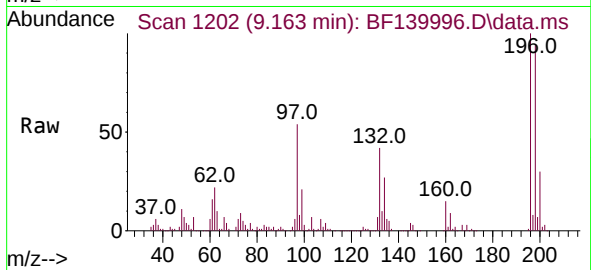




#43
2,4,6-Trichlorophenol
Concen: 46.169 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

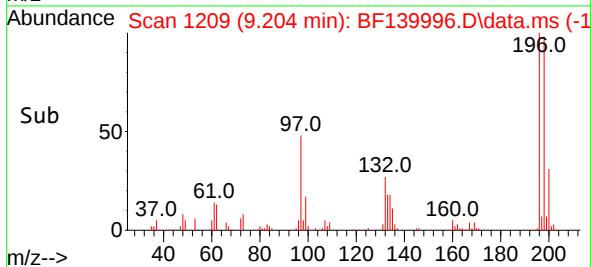
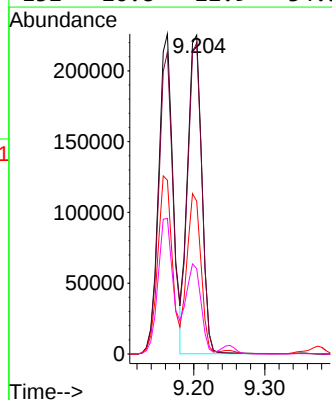
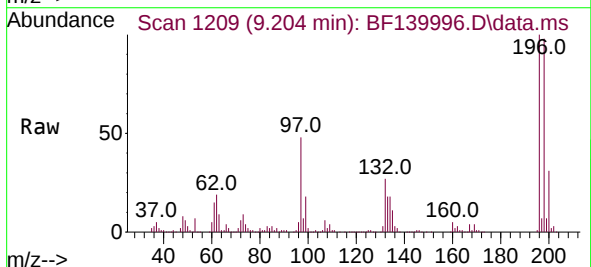
Instrument :
BNA_F
ClientSampleId :
PB163997BS

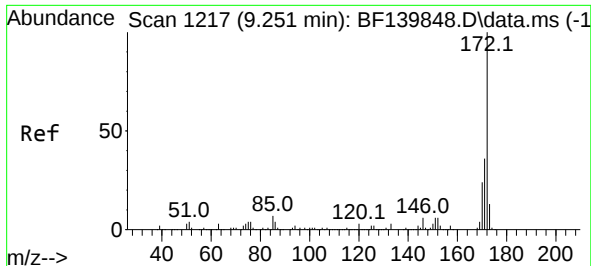
Tgt Ion:196 Resp: 318021
Ion Ratio Lower Upper
196 100
198 94.3 76.2 114.2
200 30.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 44.123 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:196 Resp: 313574
Ion Ratio Lower Upper
196 100
198 97.6 75.8 113.6
97 47.9 41.8 62.6
132 26.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 85.984 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

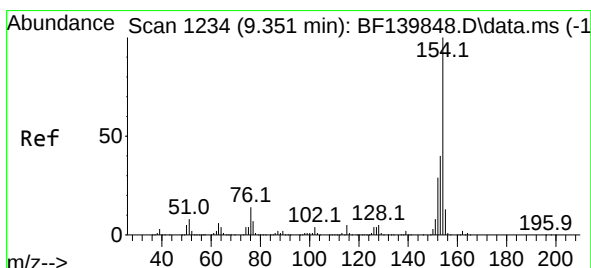
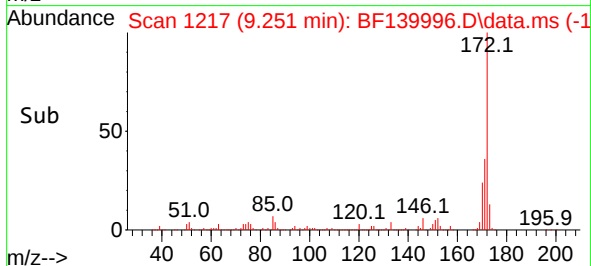
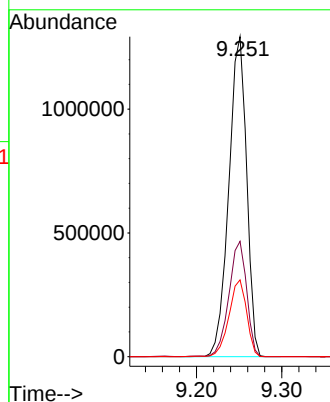
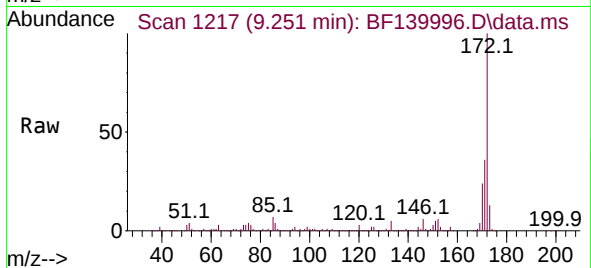
Tgt Ion:172 Resp: 1876233

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7



#46

1,1'-Biphenyl

Concen: 42.571 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

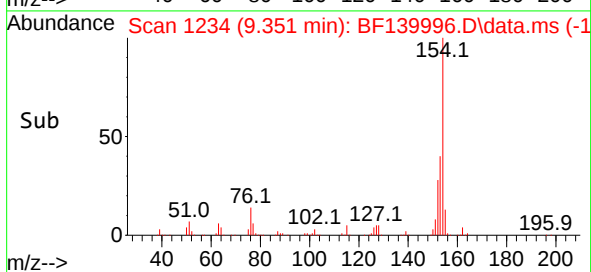
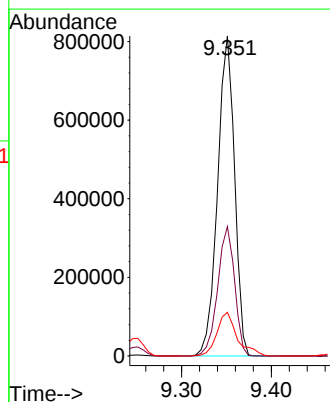
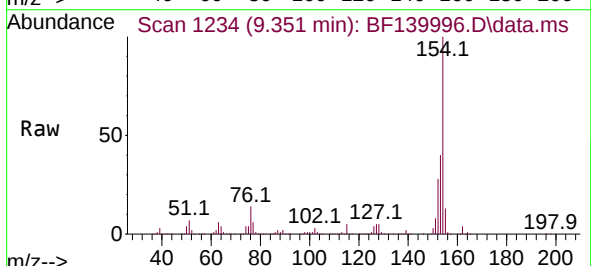
Tgt Ion:154 Resp: 1068750

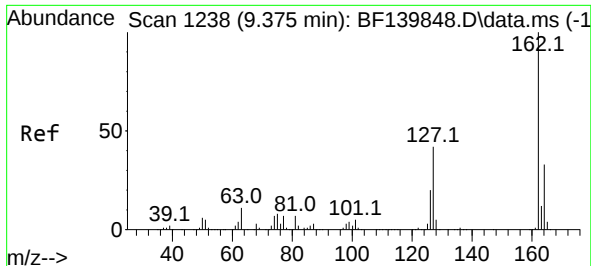
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

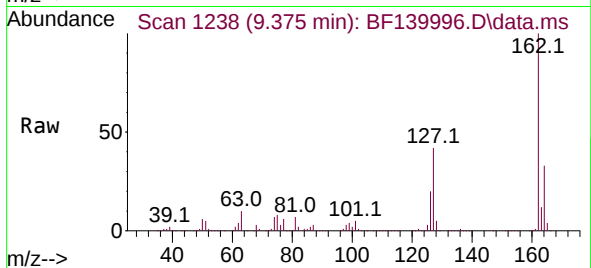
76 13.7 0.0 33.9



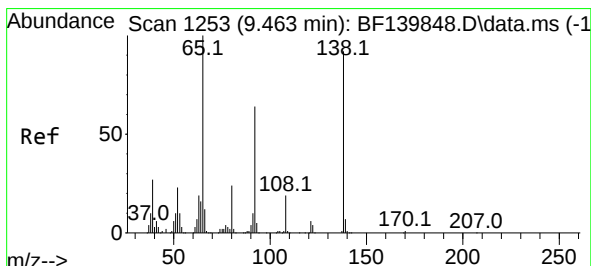
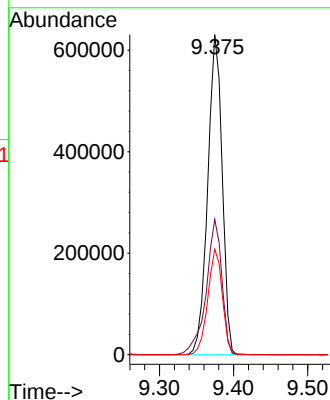
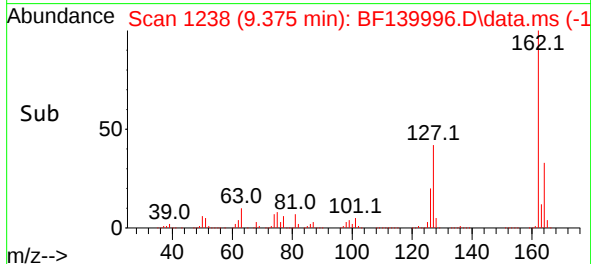


#47
2-Chloronaphthalene
Concen: 42.239 ng
RT: 9.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

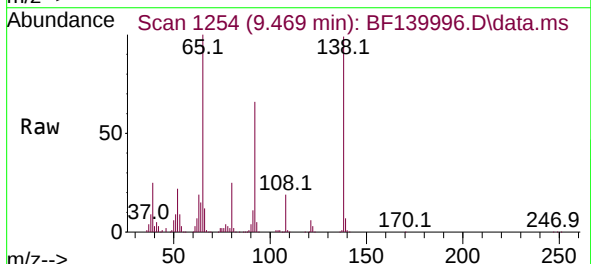
Instrument :
BNA_F
ClientSampleId :
PB163997BS



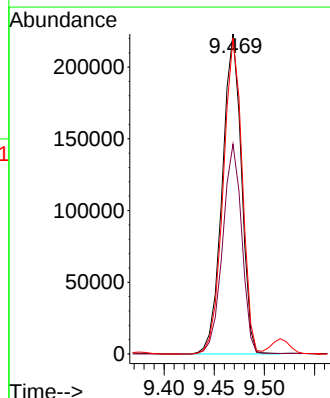
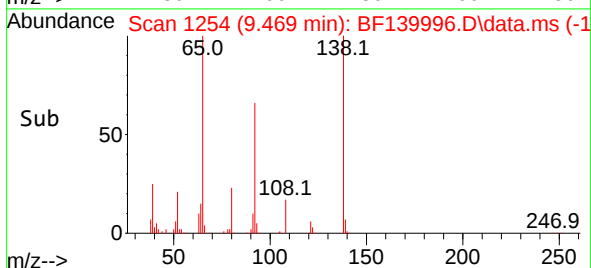
Tgt Ion:162 Resp: 854073
Ion Ratio Lower Upper
162 100
127 42.2 33.8 50.6
164 33.0 26.6 39.8

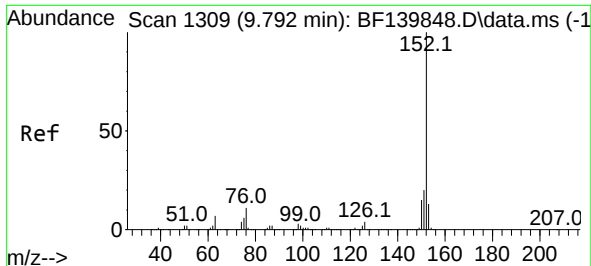


#48
2-Nitroaniline
Concen: 47.748 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53



Tgt Ion: 65 Resp: 295283
Ion Ratio Lower Upper
65 100
92 65.6 50.9 76.3
138 98.7 73.4 110.0





#49

Acenaphthylene

Concen: 45.513 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

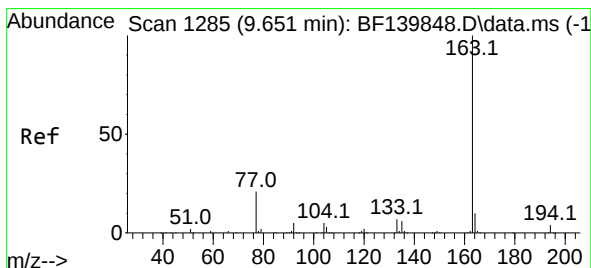
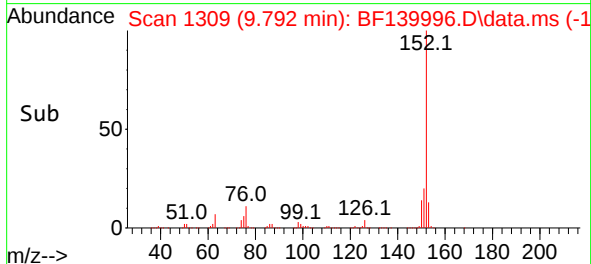
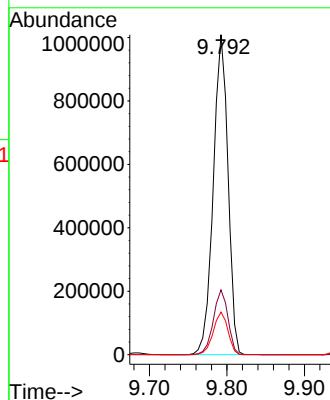
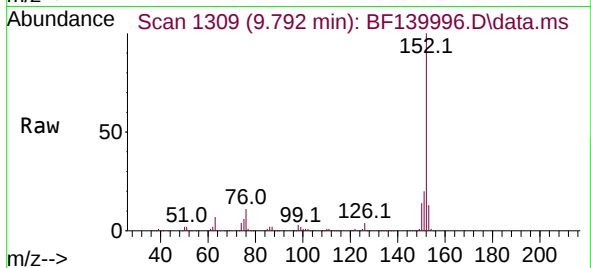
Tgt Ion:152 Resp: 1330459

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 44.339 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

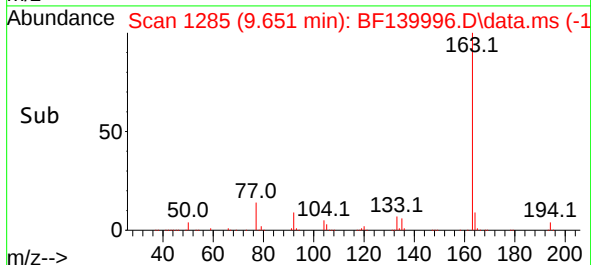
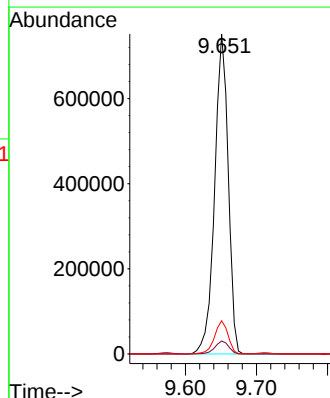
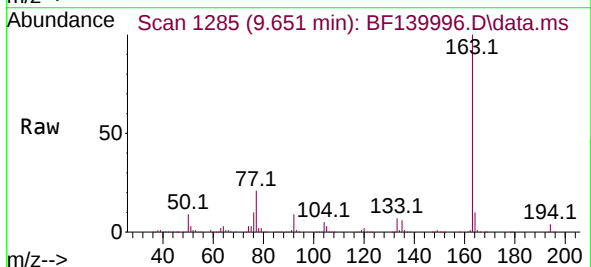
Tgt Ion:163 Resp: 995981

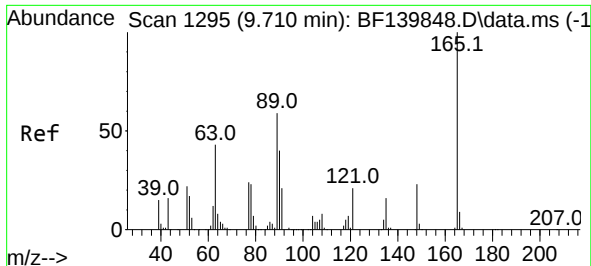
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.4 8.2 12.2

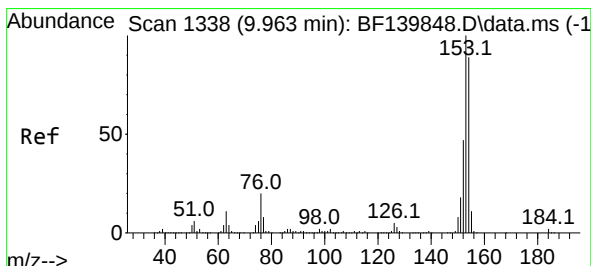
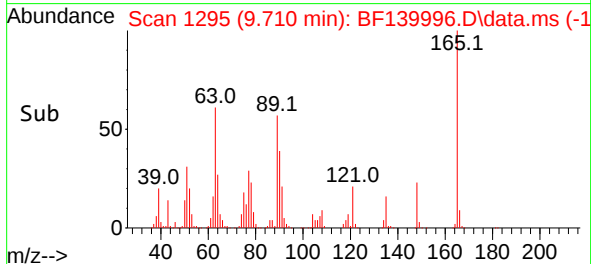
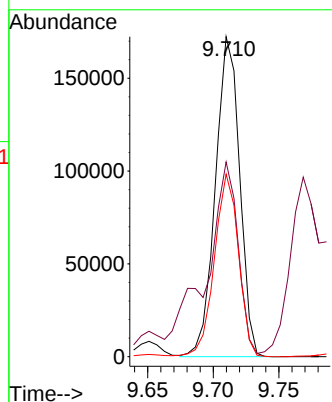
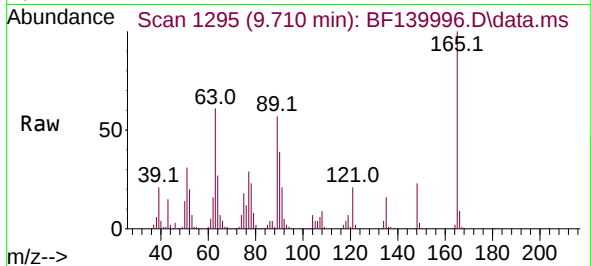




#51
2,6-Dinitrotoluene
Concen: 45.542 ng
RT: 9.710 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

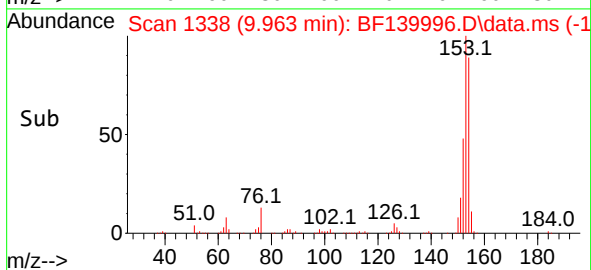
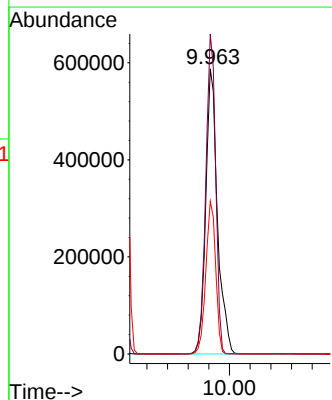
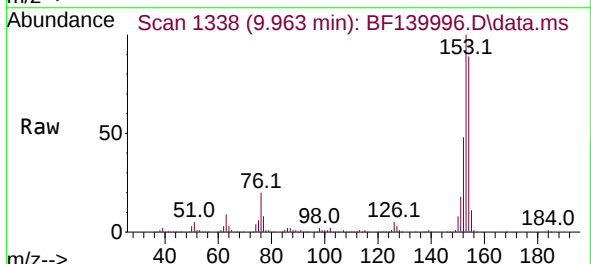
Instrument :
BNA_F
ClientSampleId :
PB163997BS

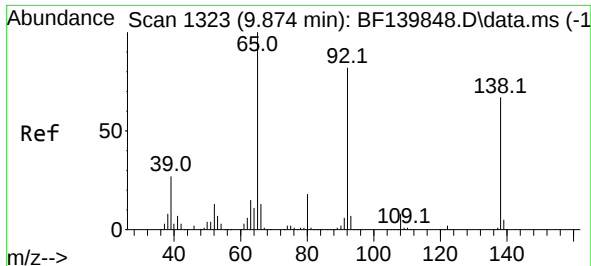
Tgt Ion:165 Resp: 221502
Ion Ratio Lower Upper
165 100
63 60.9 50.6 75.8
89 57.1 47.5 71.3



#52
Acenaphthene
Concen: 49.026 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:154 Resp: 927084
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 53.6 42.4 63.6

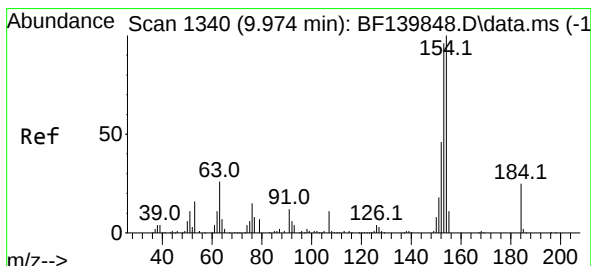
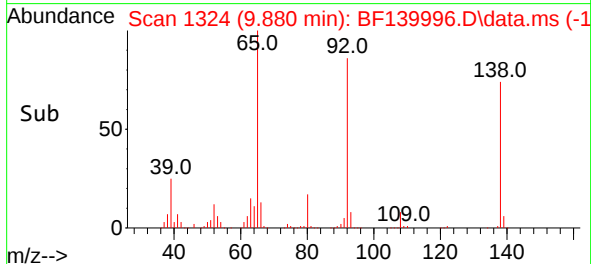
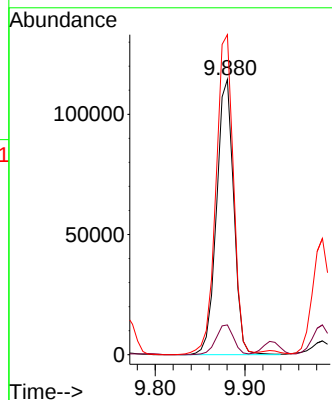
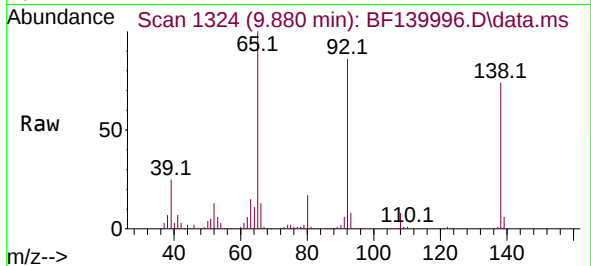




#53
3-Nitroaniline
Concen: 30.334 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

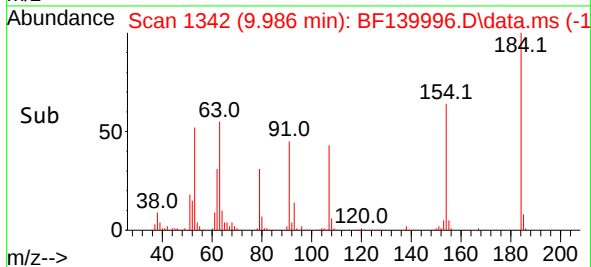
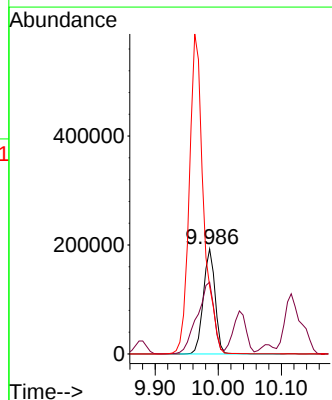
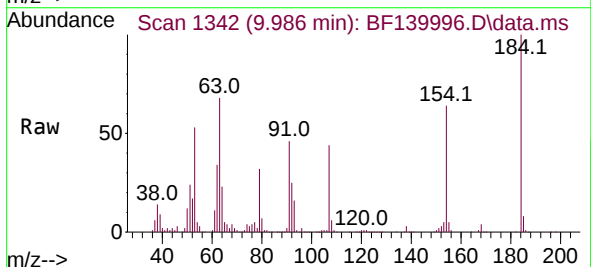
Instrument :
BNA_F
ClientSampleId :
PB163997BS

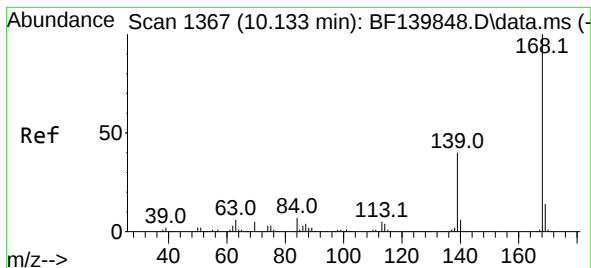
Tgt Ion:138 Resp: 152145
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 116.3 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 120.584 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:184 Resp: 250959
Ion Ratio Lower Upper
184 100
63 68.4 84.7 127.1#
154 64.4 338.2 507.2#





#55

Dibenzenofuran

Concen: 43.274 ng

RT: 10.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

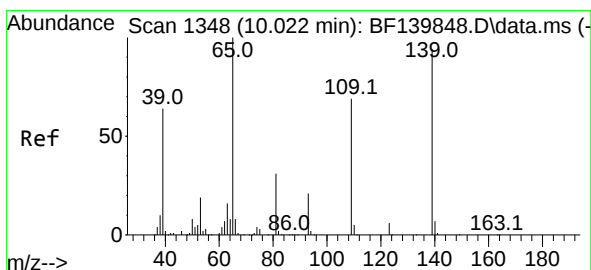
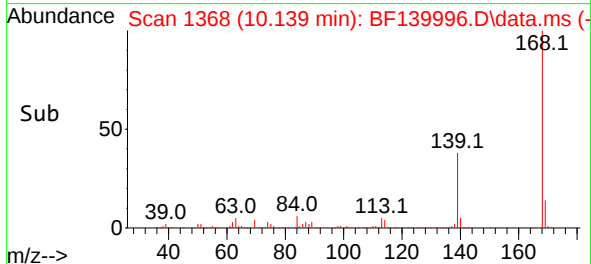
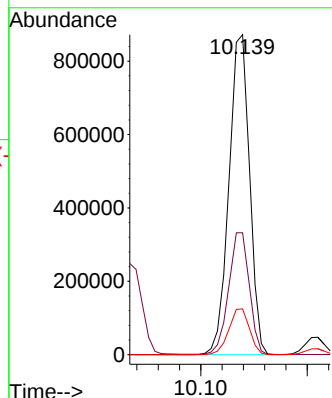
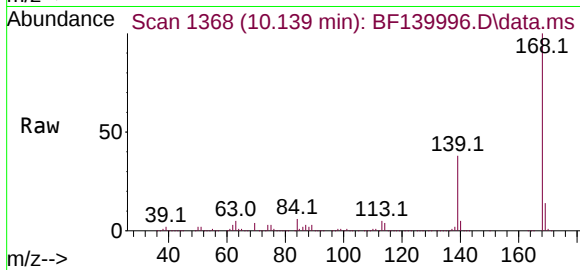
Tgt Ion:168 Resp: 1174092

Ion Ratio Lower Upper

168 100

139 38.1 31.8 47.6

169 14.3 11.6 17.4



#56

4-Nitrophenol

Concen: 94.334 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

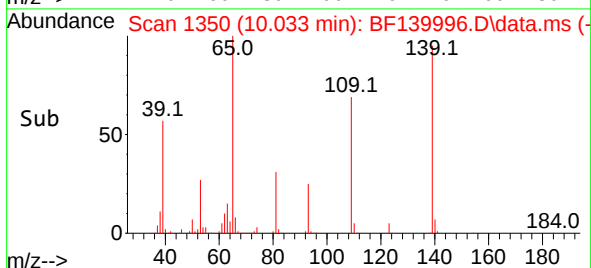
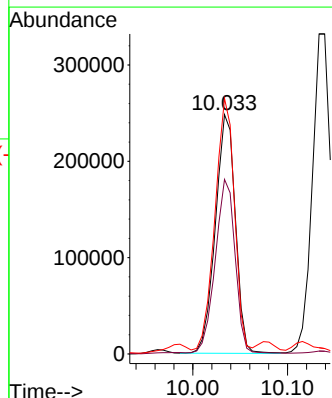
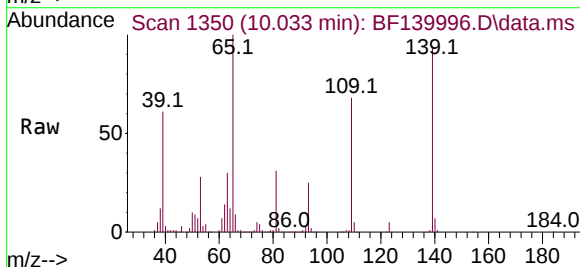
Tgt Ion:139 Resp: 364015

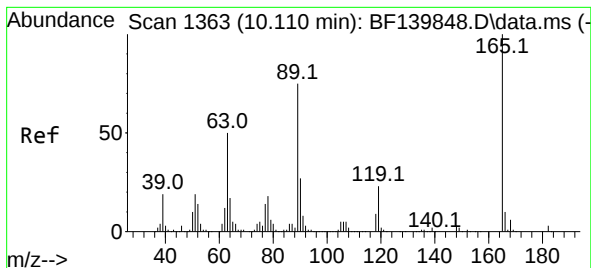
Ion Ratio Lower Upper

139 100

109 72.9 53.6 93.6

65 106.7 87.8 127.8

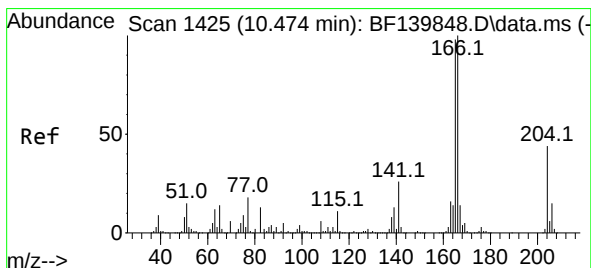
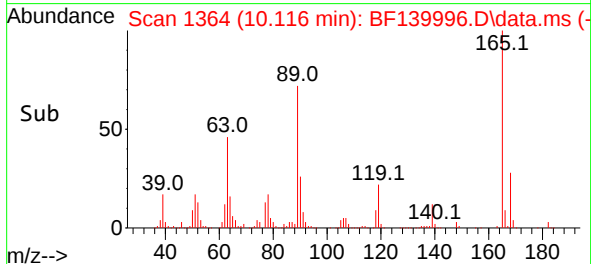
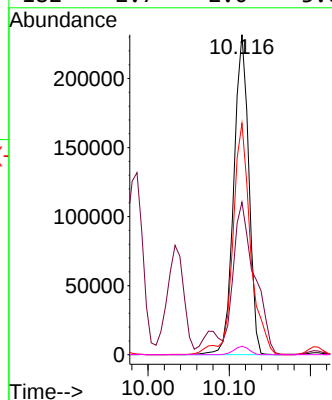
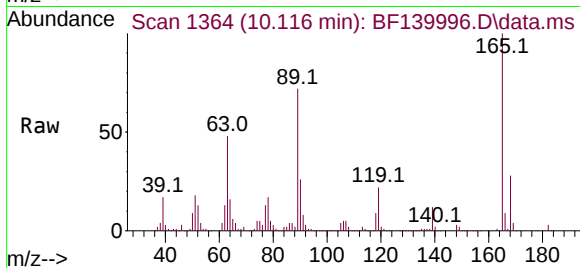




#57
2,4-Dinitrotoluene
Concen: 49.734 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

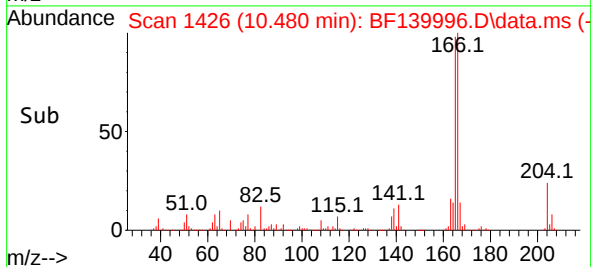
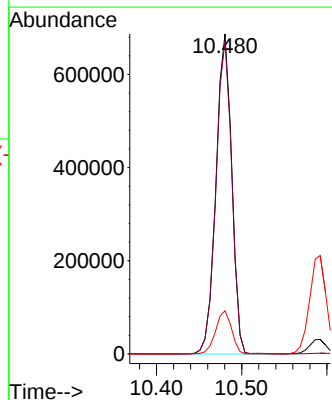
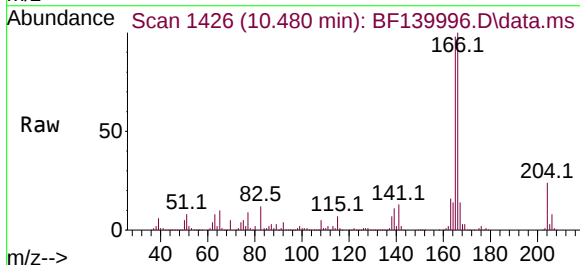
Instrument :
BNA_F
ClientSampleId :
PB163997BS

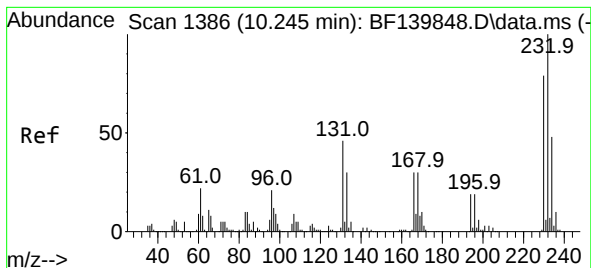
Tgt Ion:165 Resp: 297460
Ion Ratio Lower Upper
165 100
63 47.6 40.1 60.1
89 72.3 60.4 90.6
182 2.7 2.0 3.0



#58
Fluorene
Concen: 42.739 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:166 Resp: 883193
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.5 10.9 16.3

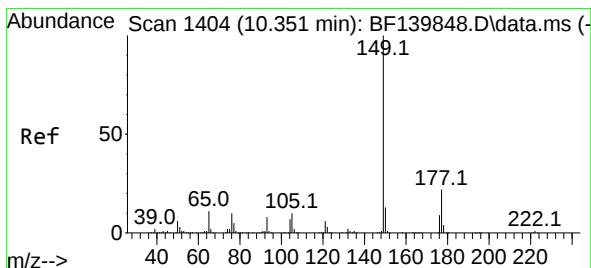
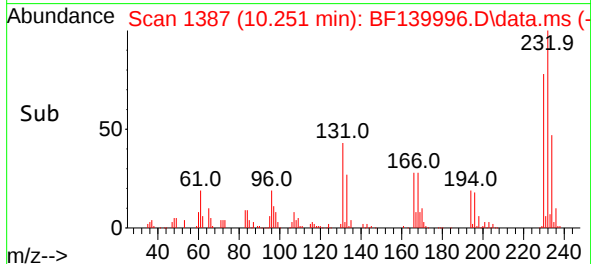
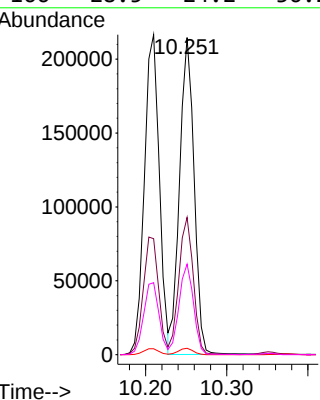
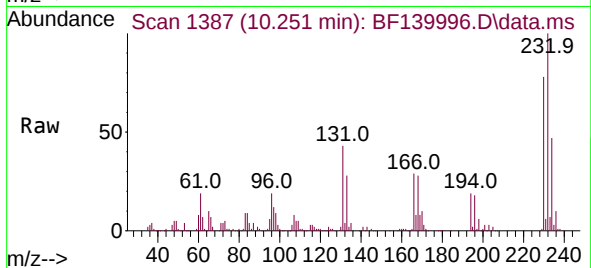




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.929 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

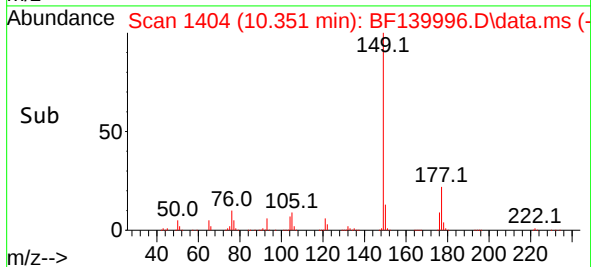
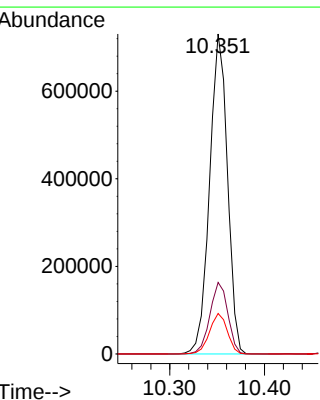
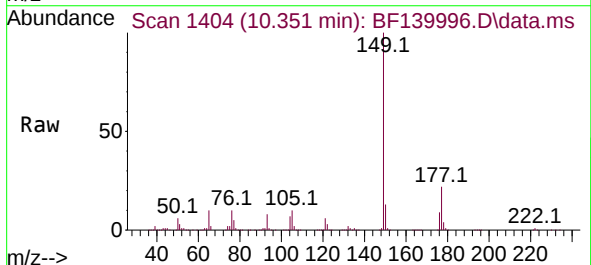
Instrument :
BNA_F
ClientSampleId :
PB163997BS

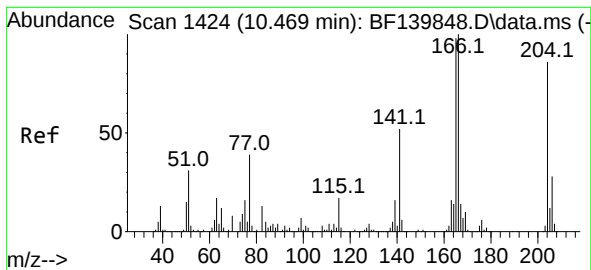
Tgt Ion:232 Resp: 267025
Ion Ratio Lower Upper
232 100
131 43.4 37.0 55.6
130 2.0 1.9 2.9
166 28.5 24.2 36.2



#60
Diethylphthalate
Concen: 43.423 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:149 Resp: 957702
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.7 10.1 15.1

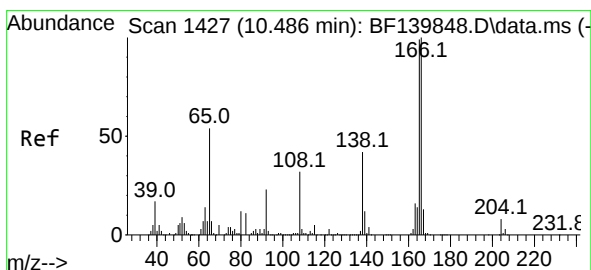
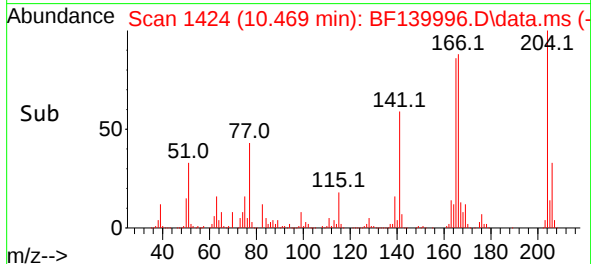
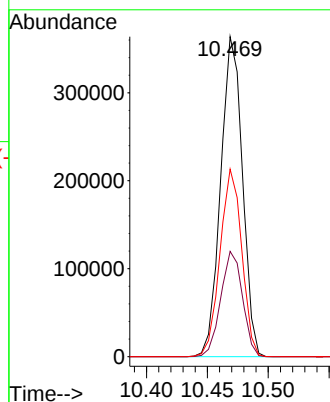
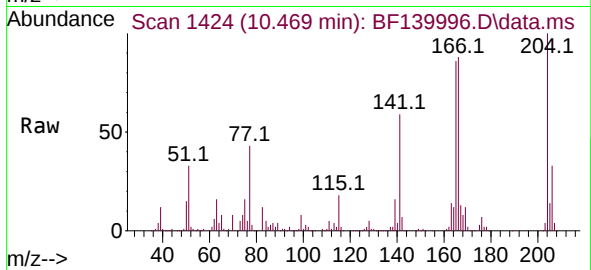




#61
4-Chlorophenyl-phenylether
Concen: 43.416 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

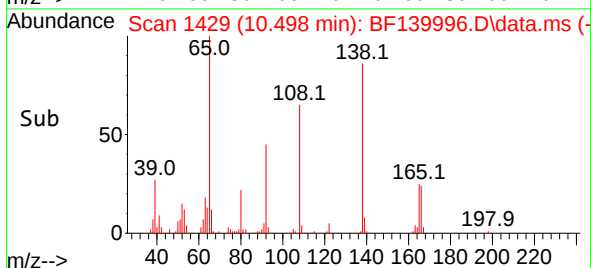
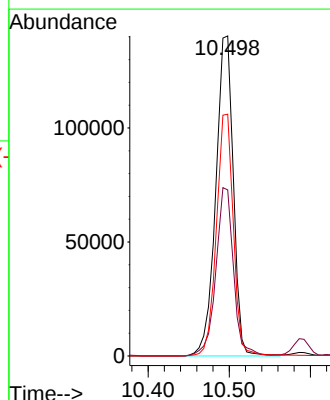
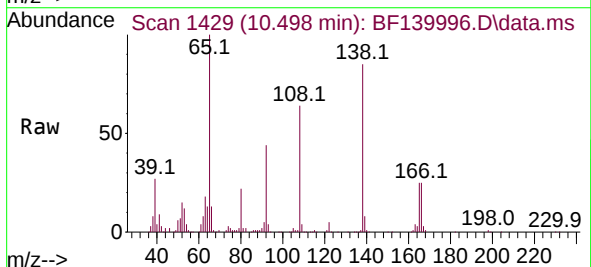
Instrument :
BNA_F
ClientSampleId :
PB163997BS

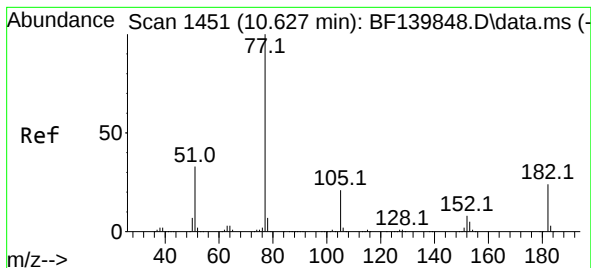
Tgt Ion:204 Resp: 453090
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 58.6 48.6 73.0



#62
4-Nitroaniline
Concen: 44.676 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:138 Resp: 211635
Ion Ratio Lower Upper
138 100
92 51.9 35.7 75.7
108 75.5 57.5 97.5





#63

Azobenzene

Concen: 41.991 ng

RT: 10.633 min Scan# 1452

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

Tgt Ion: 77 Resp: 981853

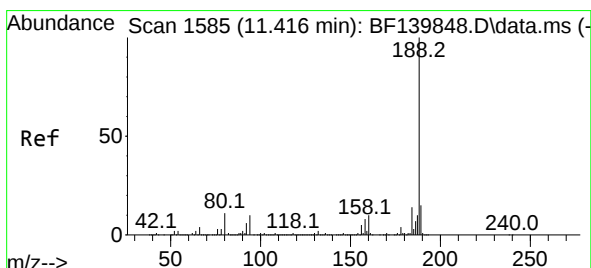
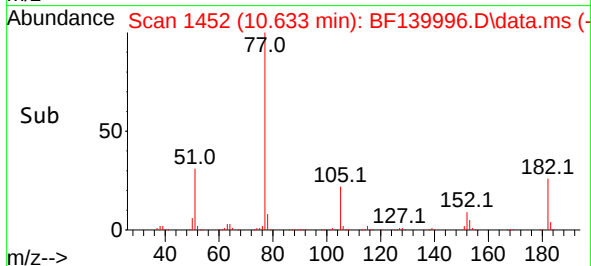
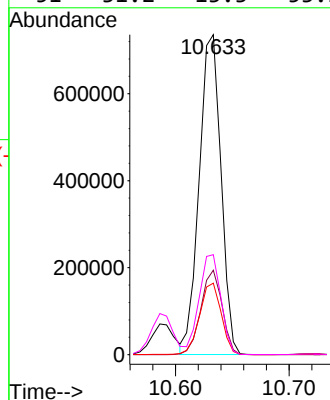
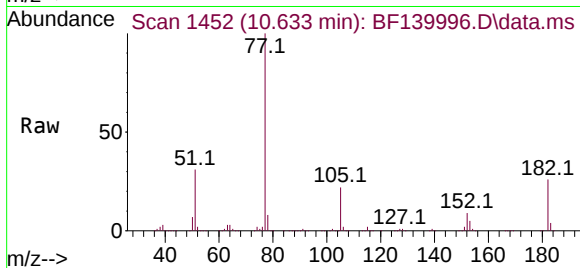
Ion Ratio Lower Upper

77 100

182 26.4 3.3 43.3

105 22.3 1.2 41.2

51 31.2 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

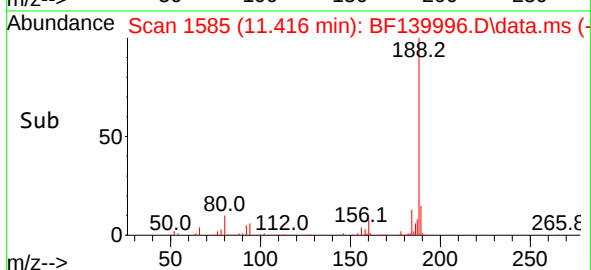
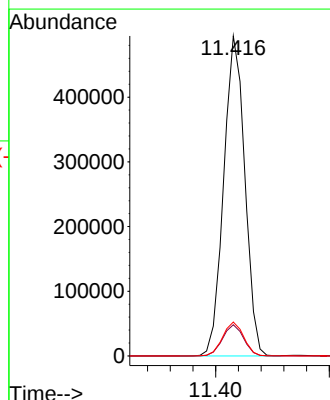
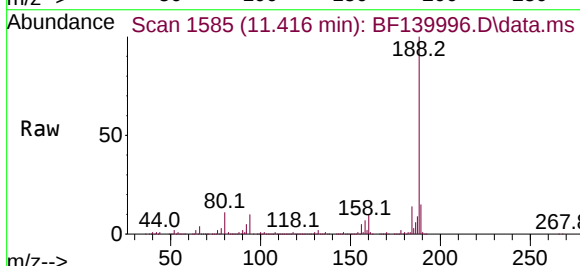
Tgt Ion:188 Resp: 639356

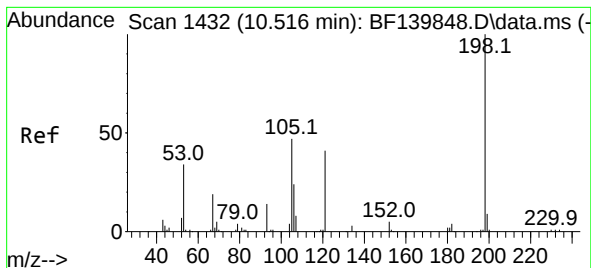
Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.6 9.0 13.4

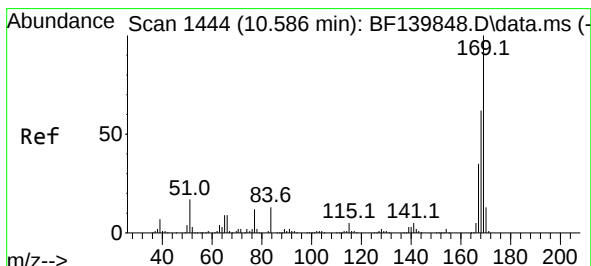
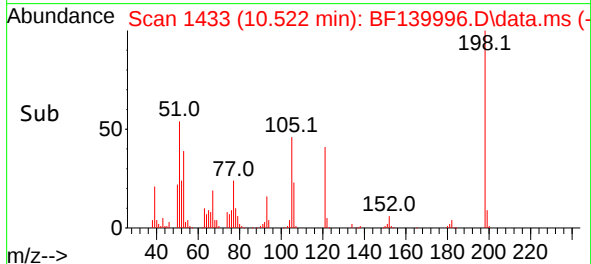
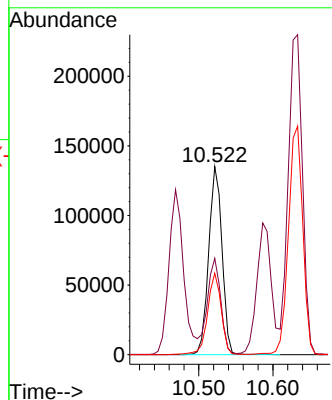
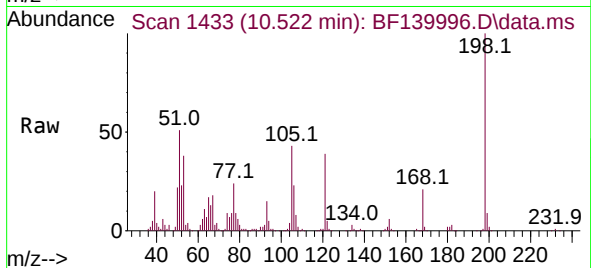




#65
4,6-Dinitro-2-methylphenol
Concen: 64.722 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

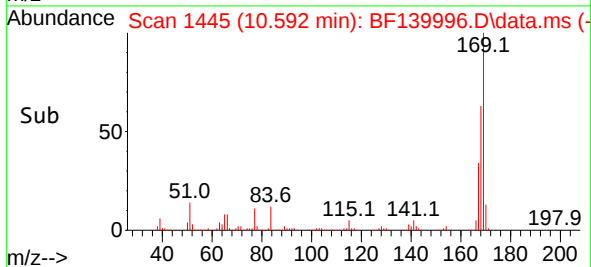
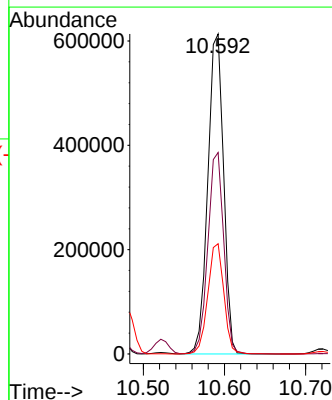
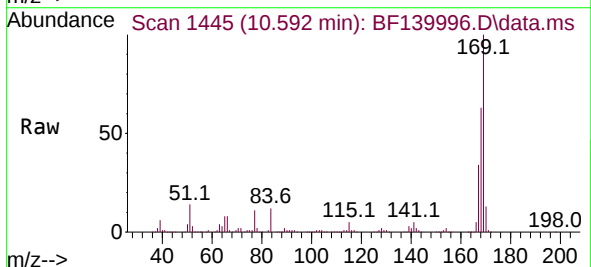
Instrument :
BNA_F
ClientSampleId :
PB163997BS

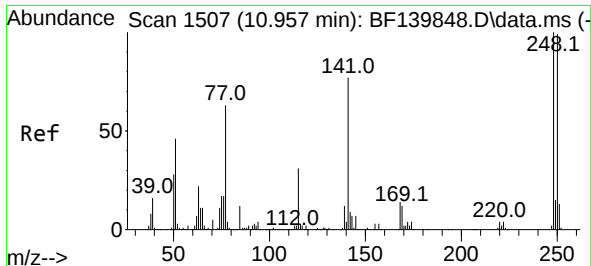
Tgt Ion:198 Resp: 168789
Ion Ratio Lower Upper
198 100
51 51.2 38.2 78.2
105 43.3 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 43.111 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:169 Resp: 824961
Ion Ratio Lower Upper
169 100
168 63.0 49.8 74.6
167 34.4 28.0 42.0

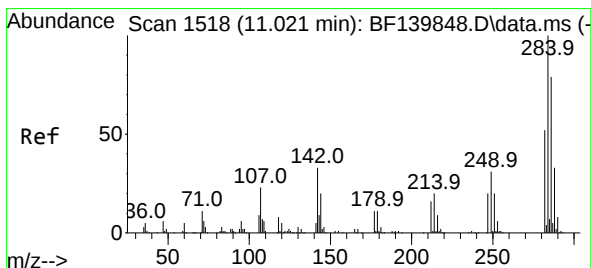
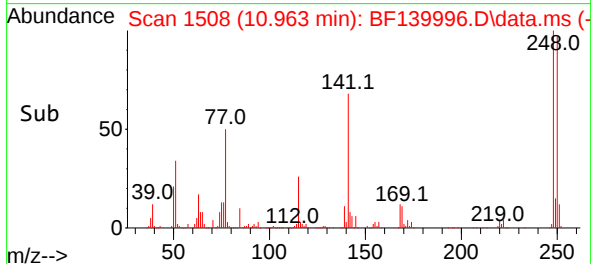
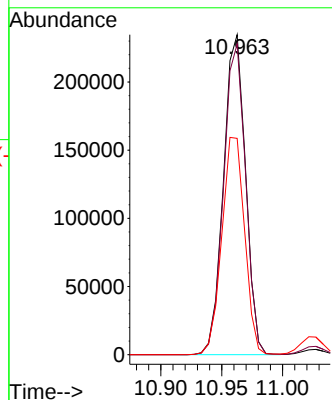
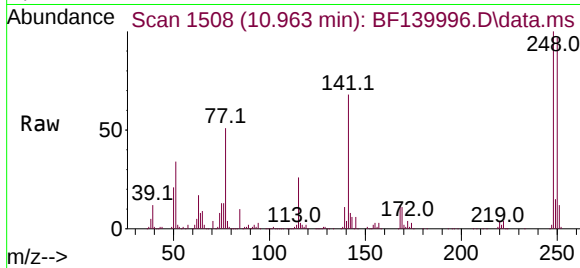




#67
4-Bromophenyl-phenylether
Concen: 44.907 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

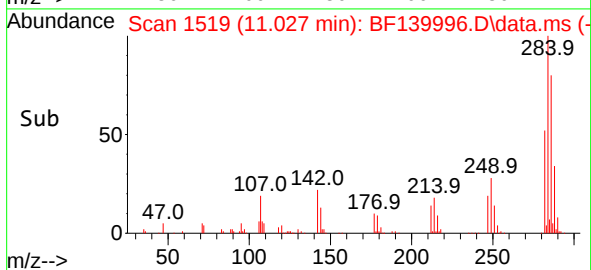
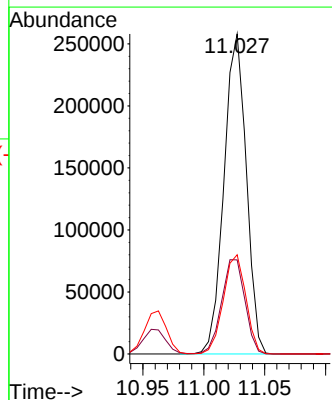
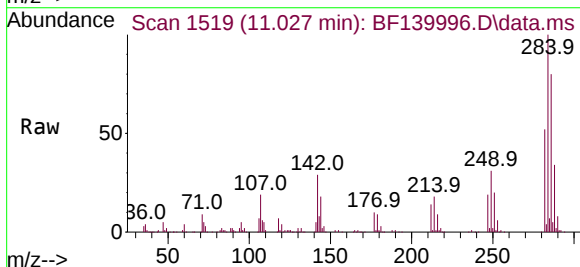
Instrument :
BNA_F
ClientSampleId :
PB163997BS

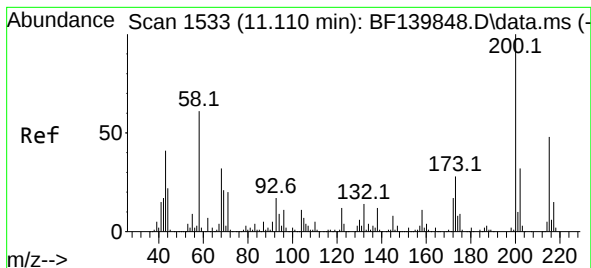
Tgt Ion:248 Resp: 295785
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 67.6 61.7 92.5



#68
Hexachlorobenzene
Concen: 44.345 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:284 Resp: 328495
Ion Ratio Lower Upper
284 100
142 29.4 26.9 40.3
249 31.0 25.3 37.9





#69

Atrazine

Concen: 50.939 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

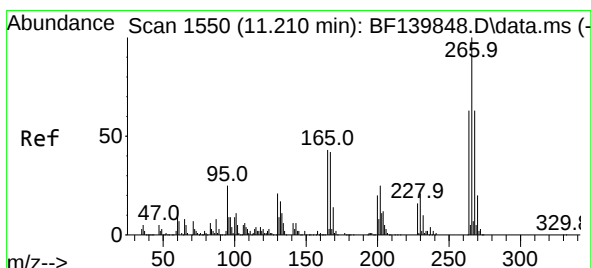
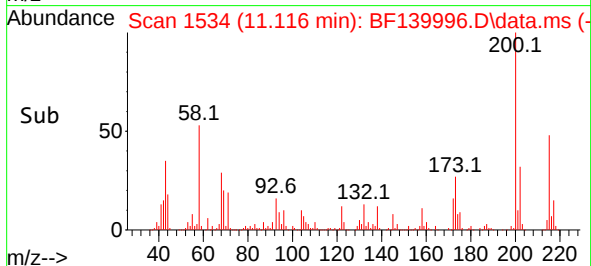
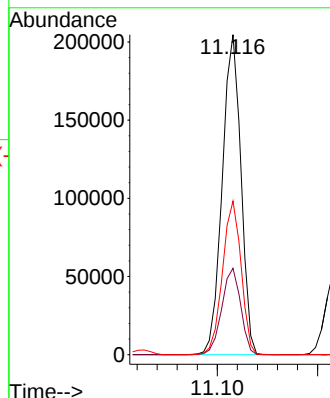
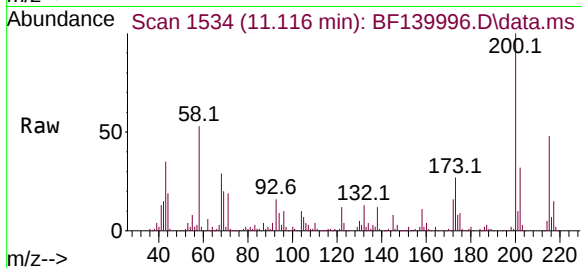
Tgt Ion:200 Resp: 264047

Ion Ratio Lower Upper

200 100

173 27.0 7.7 47.7

215 48.0 27.7 67.7



#70

Pentachlorophenol

Concen: 92.056 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

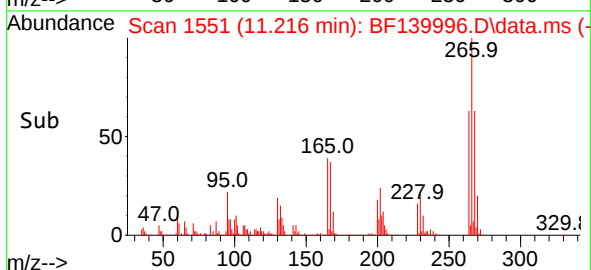
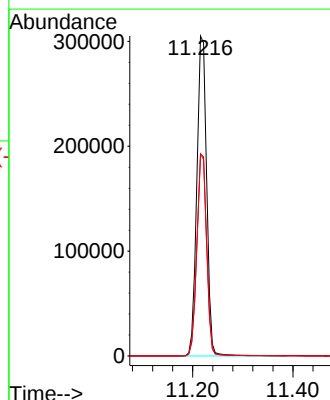
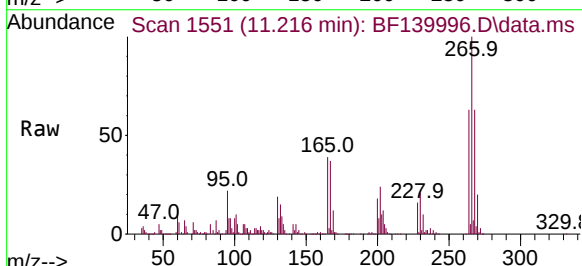
Tgt Ion:266 Resp: 413862

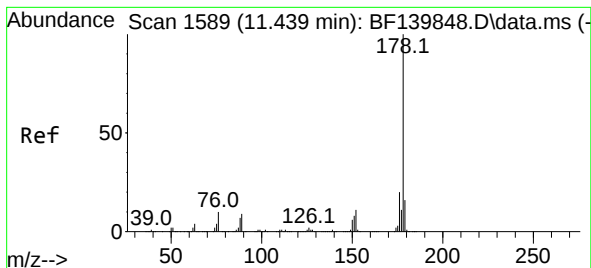
Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

264 63.1 50.6 75.8





#71

Phenanthrene

Concen: 42.969 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

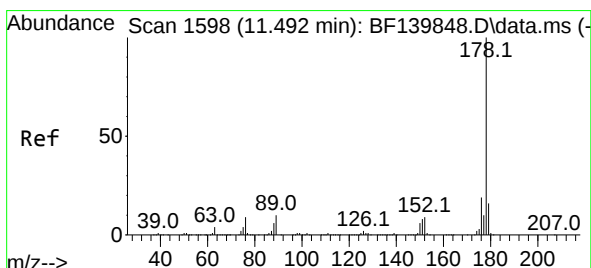
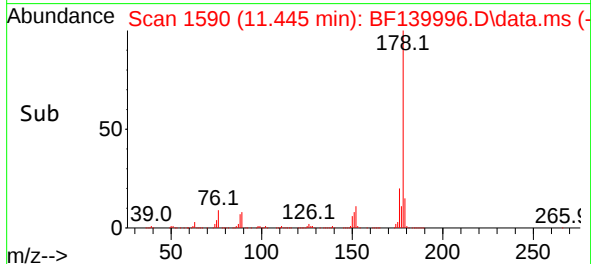
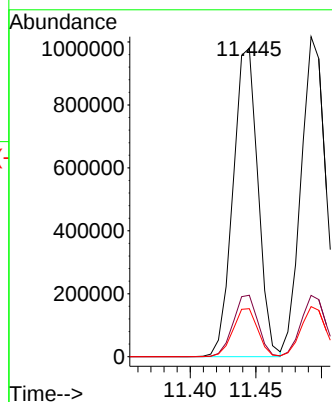
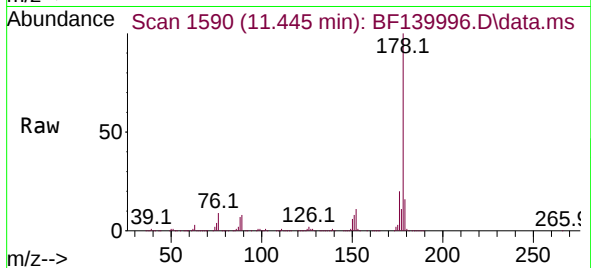
Tgt Ion:178 Resp: 1297673

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 44.795 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

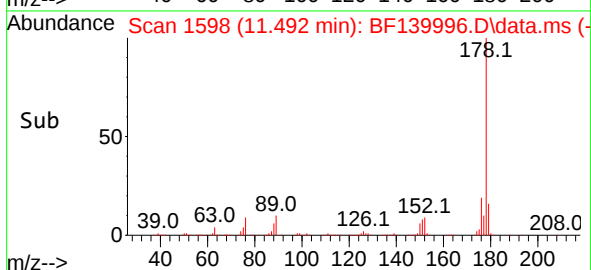
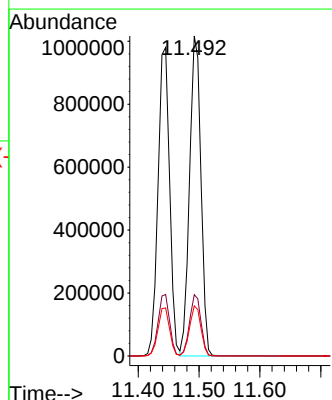
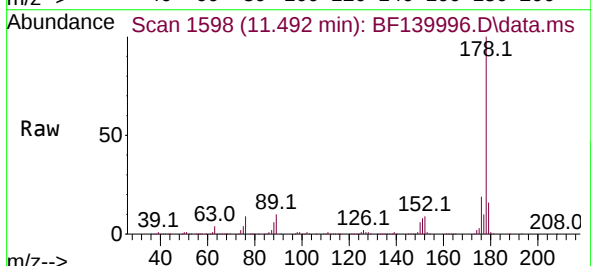
Tgt Ion:178 Resp: 1319923

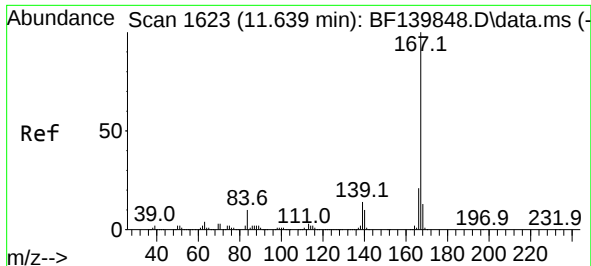
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.7 12.4 18.6

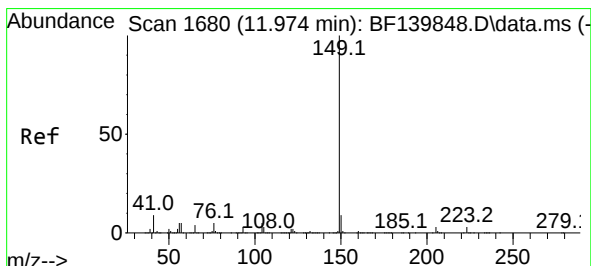
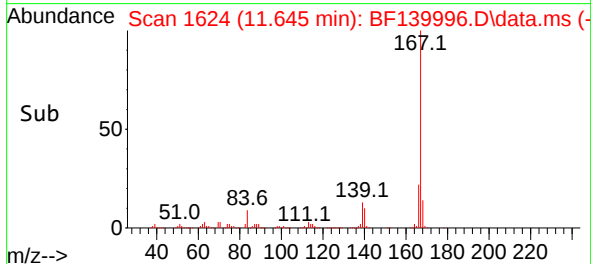
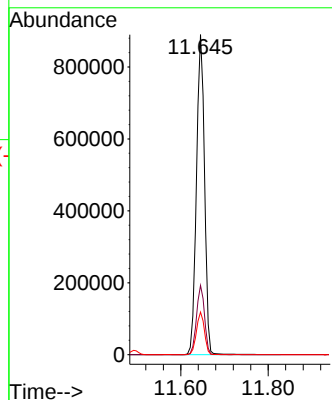
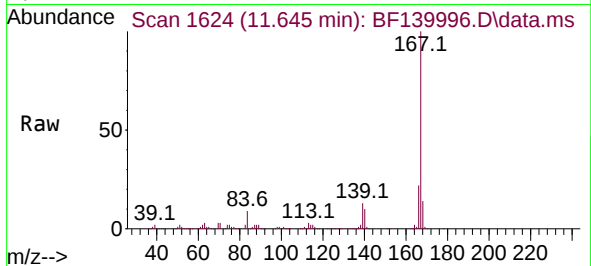




#73
 Carbazole
 Concen: 41.799 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF139996.D
 Acq: 24 Oct 2024 12:53

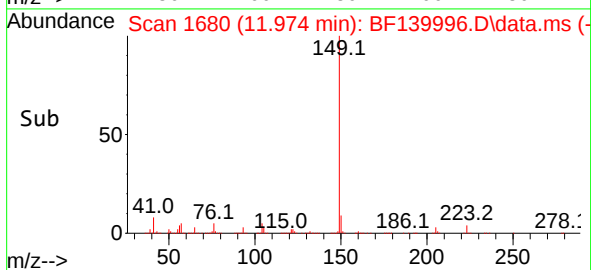
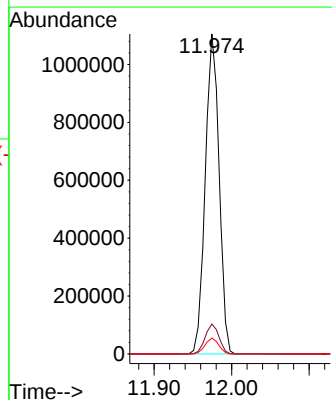
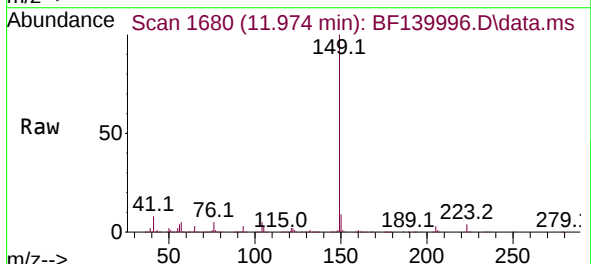
Instrument :
 BNA_F
 ClientSampleId :
 PB163997BS

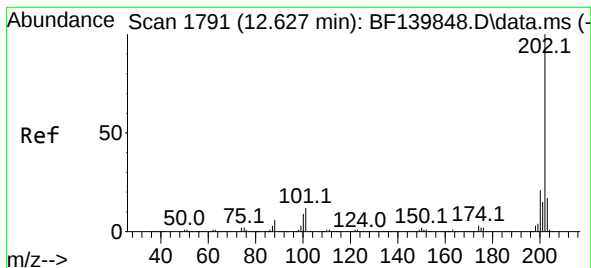
Tgt Ion:167 Resp: 1145468
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.226 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139996.D
 Acq: 24 Oct 2024 12:53

Tgt Ion:149 Resp: 1368571
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.9 4.1 6.1

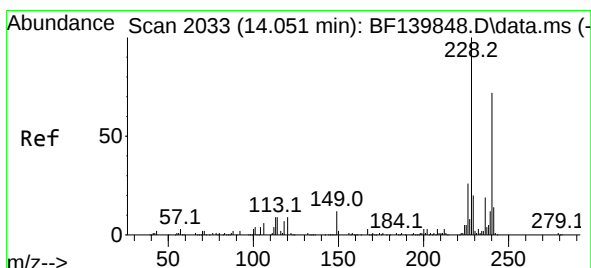
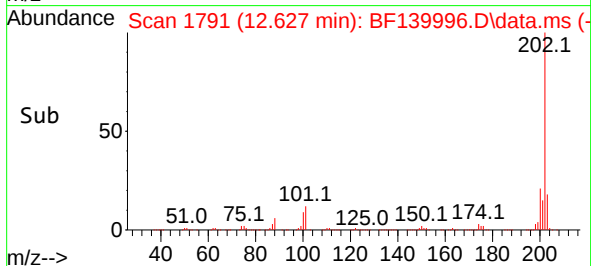
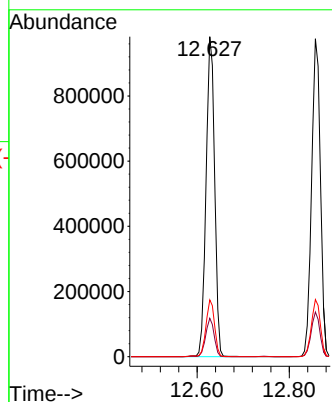
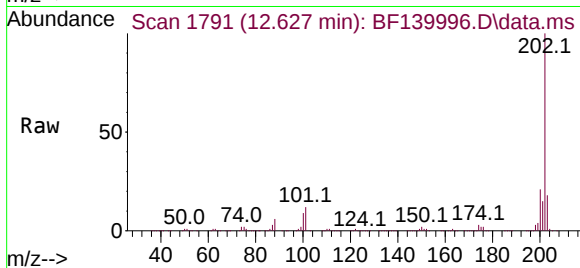




#75
Fluoranthene
Concen: 42.030 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

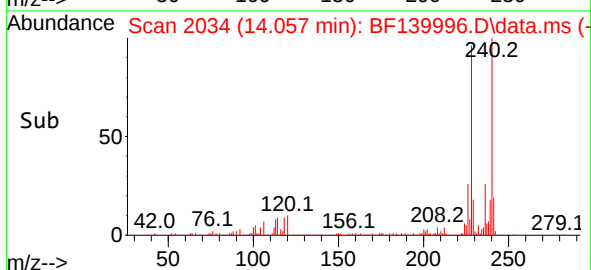
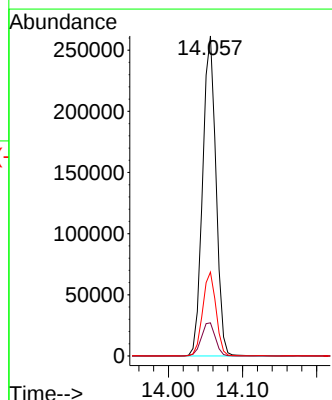
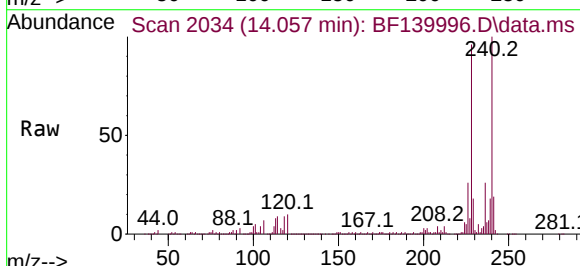
Instrument :
BNA_F
ClientSampleId :
PB163997BS

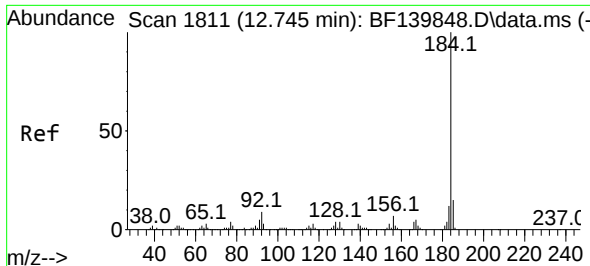
Tgt Ion:202 Resp: 1283184
Ion Ratio Lower Upper
202 100
101 12.0 0.0 31.9
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:240 Resp: 326939
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.2 20.9 31.3

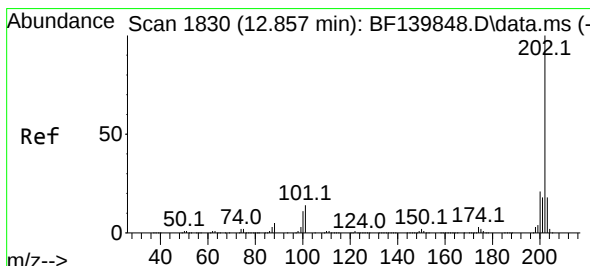
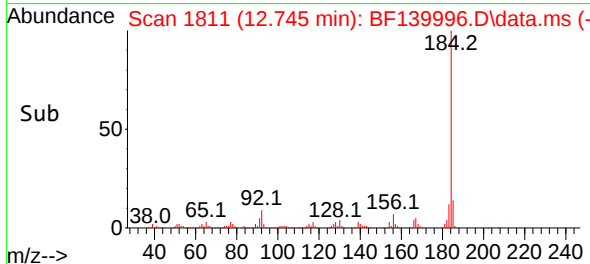
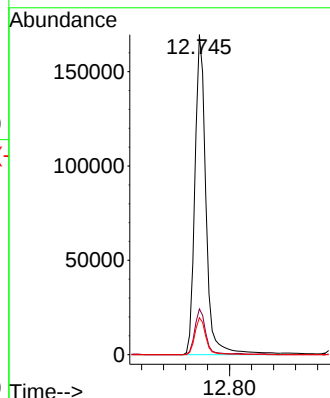
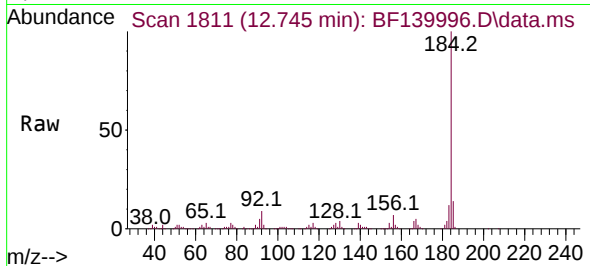




#77
Benzidine
Concen: 44.119 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

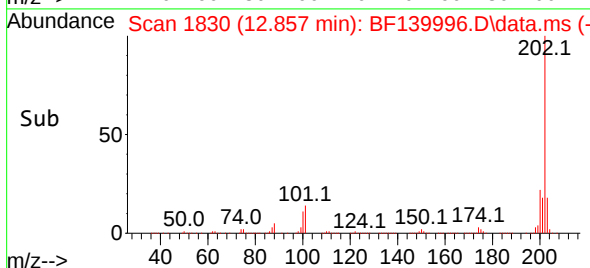
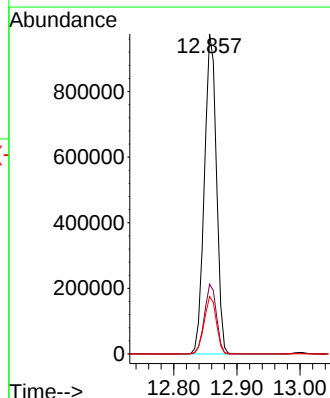
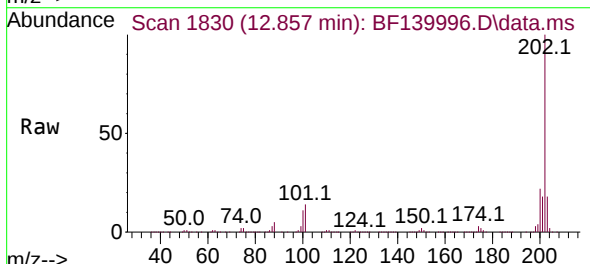
Instrument :
BNA_F
ClientSampleId :
PB163997BS

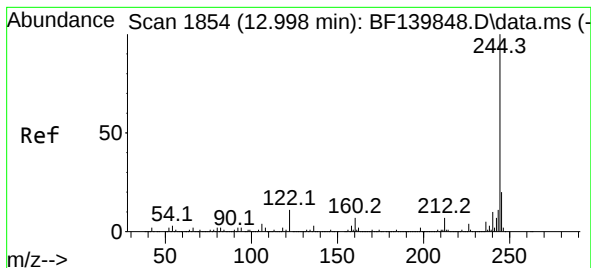
Tgt Ion:184 Resp: 237183
Ion Ratio Lower Upper
184 100
185 14.3 12.0 18.0
183 11.6 9.4 14.2



#78
Pyrene
Concen: 45.149 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:202 Resp: 1292075
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 18.0 14.2 21.4





#79

Terphenyl-d14

Concen: 92.765 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

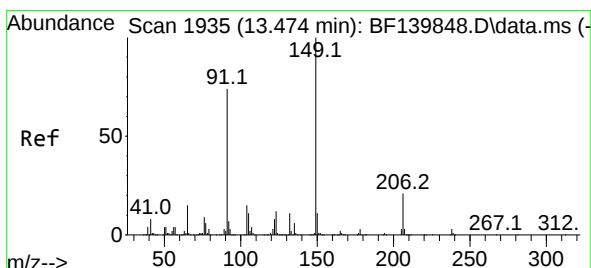
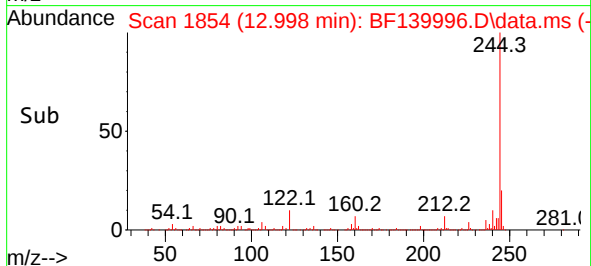
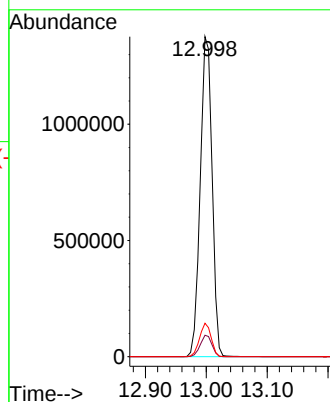
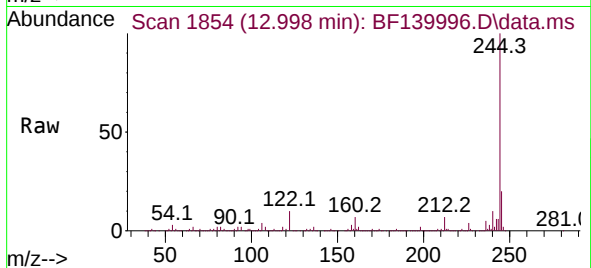
Tgt Ion:244 Resp: 1861232

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

122 10.4 8.6 13.0



#80

Butylbenzylphthalate

Concen: 48.738 ng

RT: 13.474 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

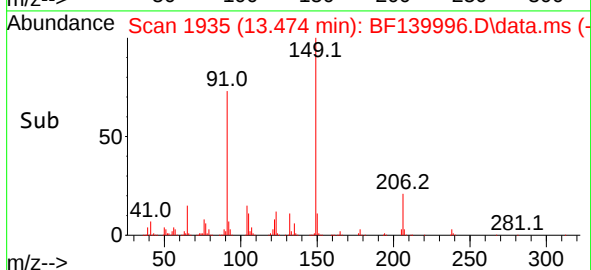
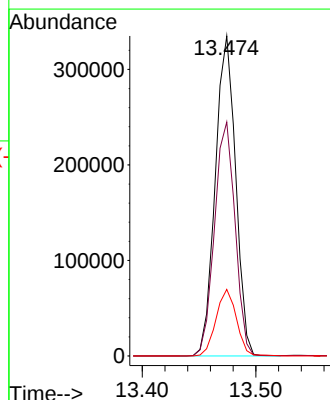
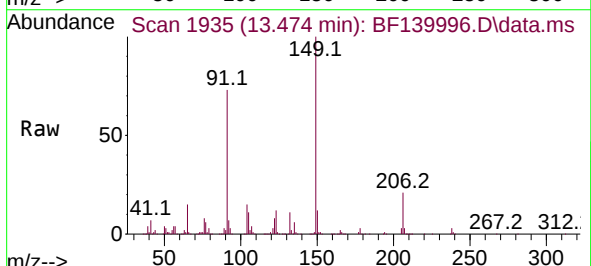
Tgt Ion:149 Resp: 418156

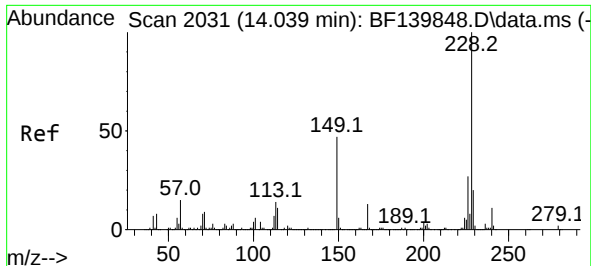
Ion Ratio Lower Upper

149 100

91 73.1 59.4 89.2

206 20.8 16.4 24.6

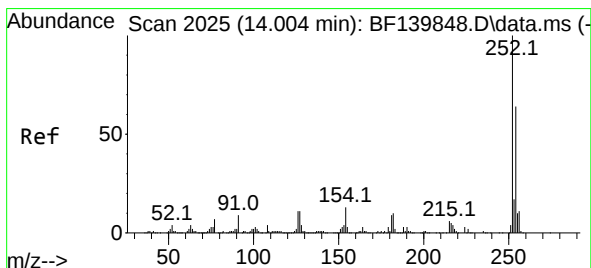
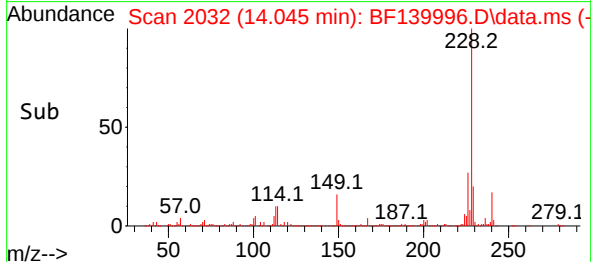
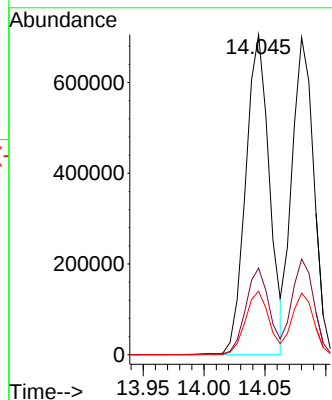
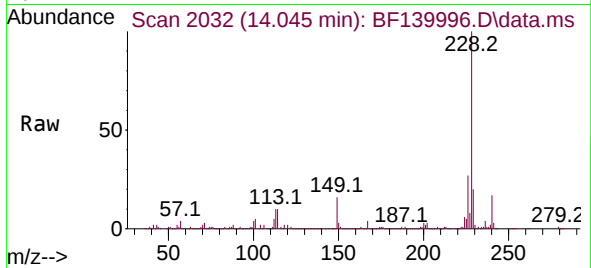




#81
Benzo(a)anthracene
Concen: 44.907 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

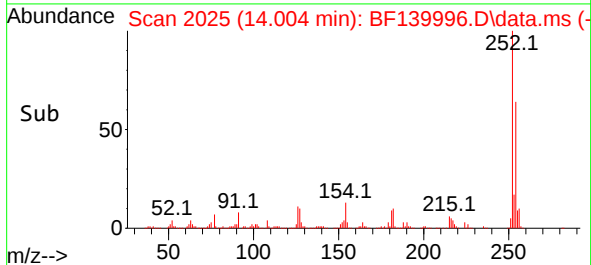
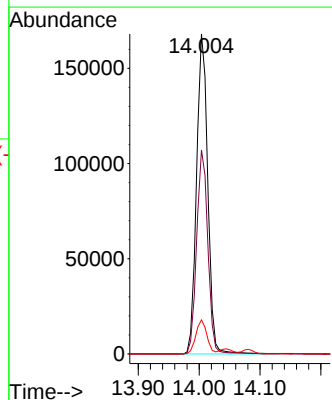
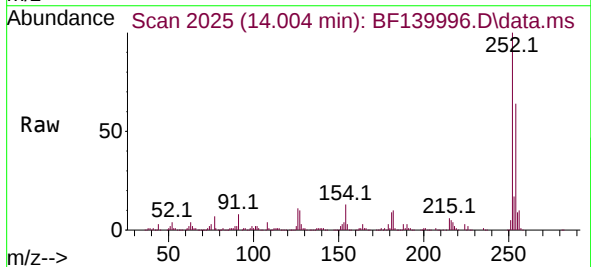
Instrument :
BNA_F
ClientSampleId :
PB163997BS

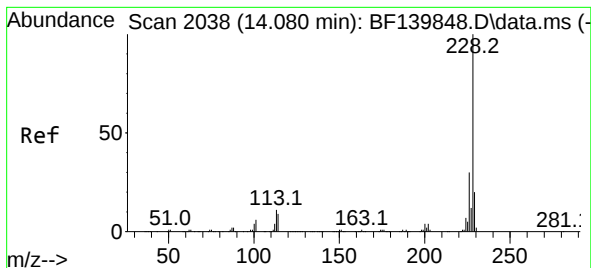
Tgt Ion:228 Resp: 955747
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.9 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.676 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:252 Resp: 215172
Ion Ratio Lower Upper
252 100
254 63.7 50.8 76.2
126 10.6 8.9 13.3





#83

Chrysene

Concen: 44.736 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

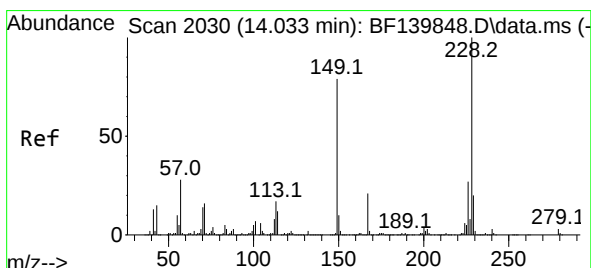
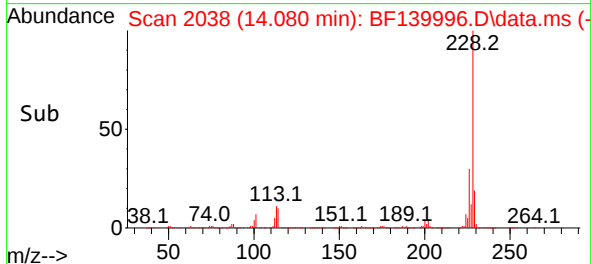
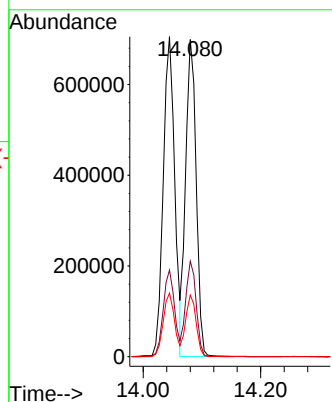
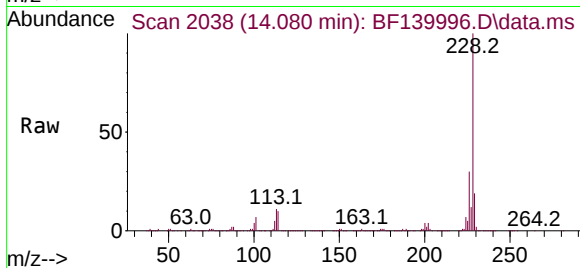
Tgt Ion:228 Resp: 872966

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.208 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

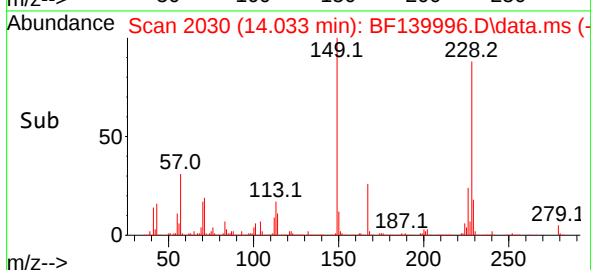
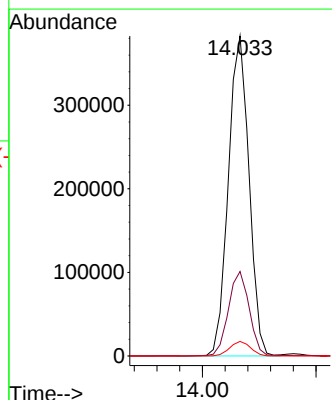
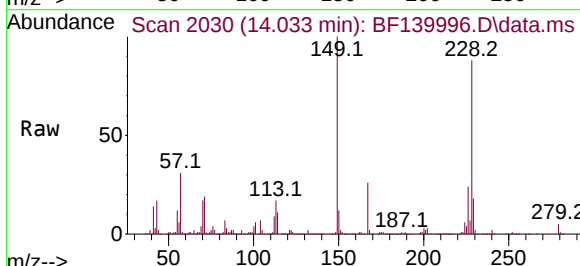
Tgt Ion:149 Resp: 483300

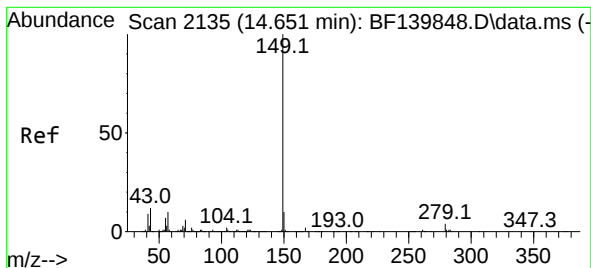
Ion Ratio Lower Upper

149 100

167 26.4 21.4 32.0

279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 44.485 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

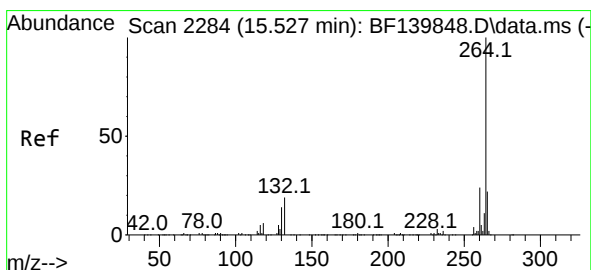
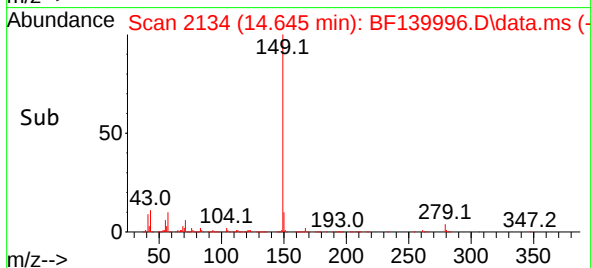
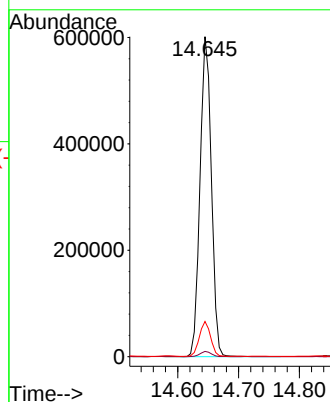
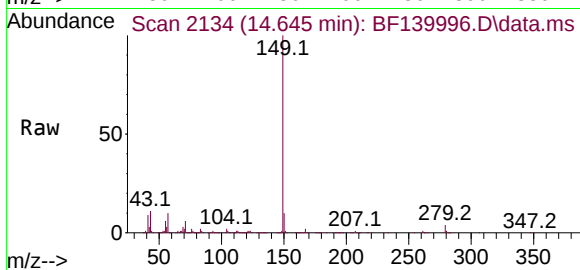
Tgt Ion:149 Resp: 778871

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.7 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

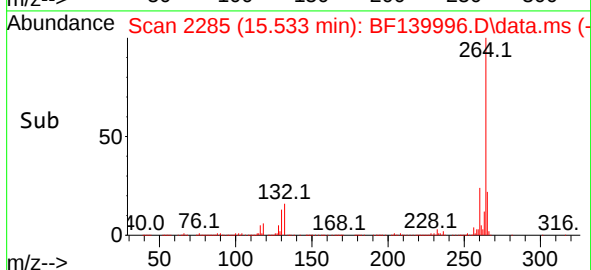
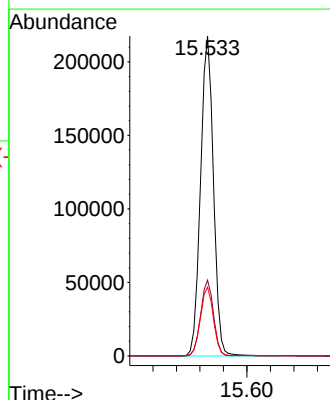
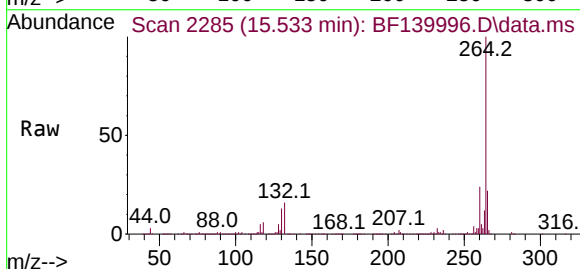
Tgt Ion:264 Resp: 331726

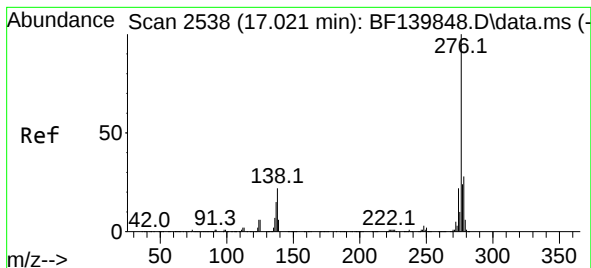
Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.694 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

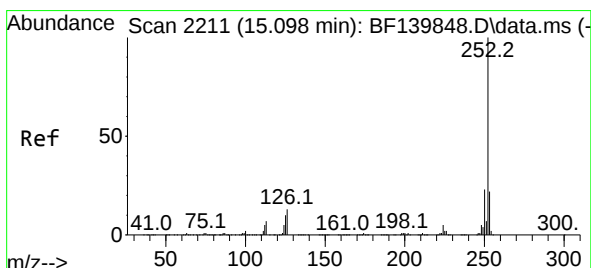
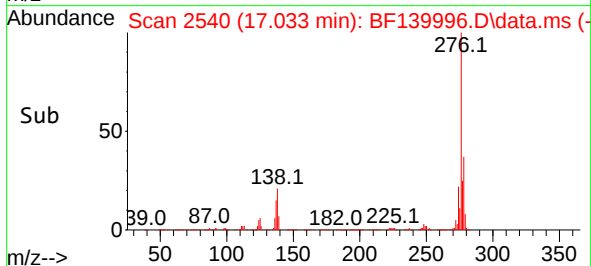
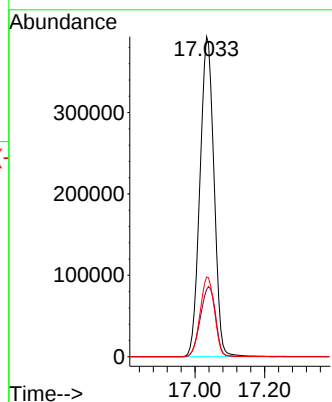
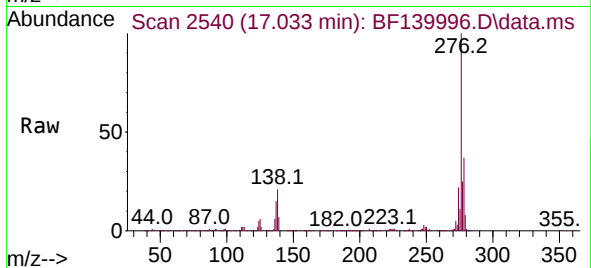
Tgt Ion:276 Resp: 1103192

Ion Ratio Lower Upper

276 100

138 23.7 20.4 30.6

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 45.379 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

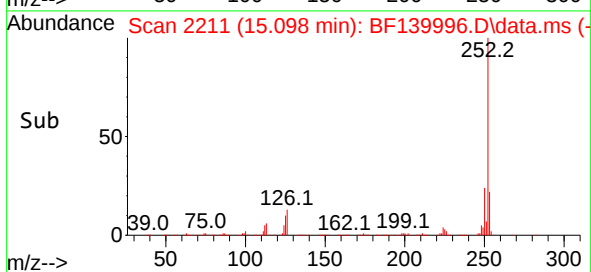
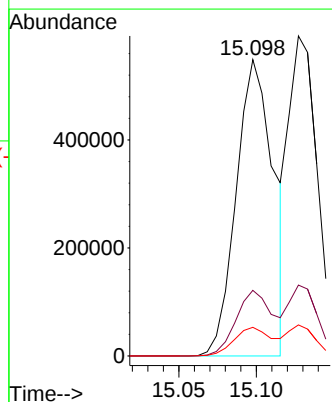
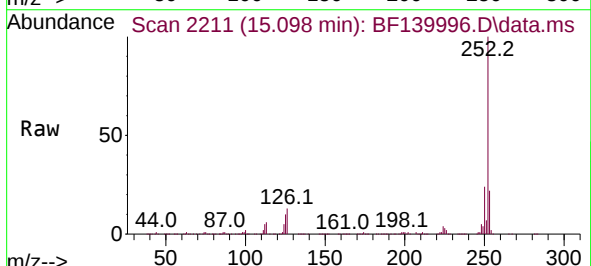
Tgt Ion:252 Resp: 916995

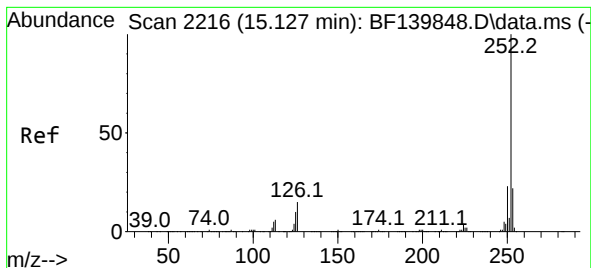
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 43.886 ng

RT: 15.127 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

Instrument :

BNA_F

ClientSampleId :

PB163997BS

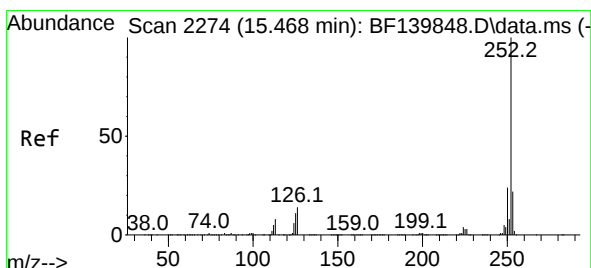
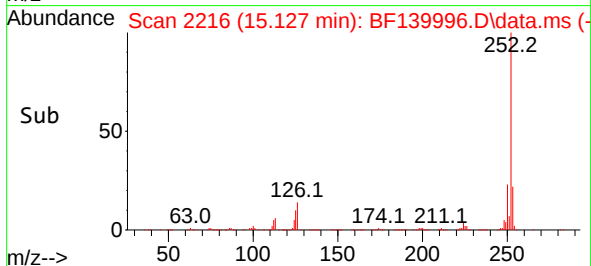
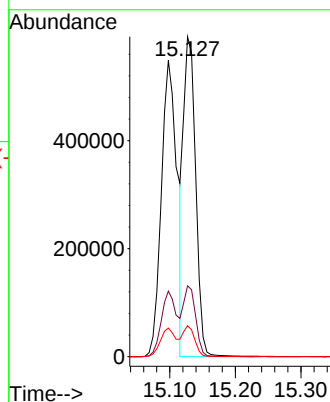
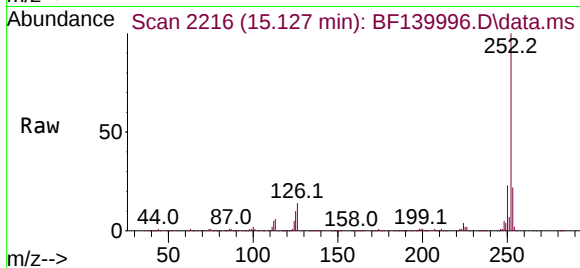
Tgt Ion:252 Resp: 764805

Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 9.7 7.9 11.9



#90

Benzo(a)pyrene

Concen: 49.299 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139996.D

Acq: 24 Oct 2024 12:53

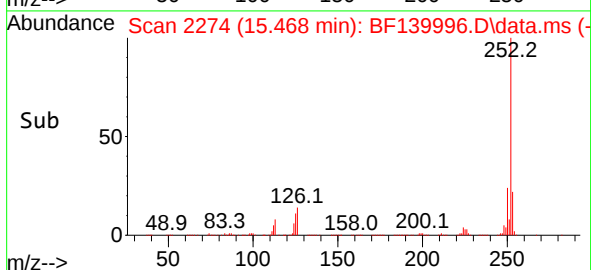
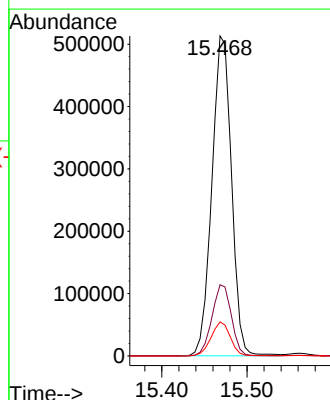
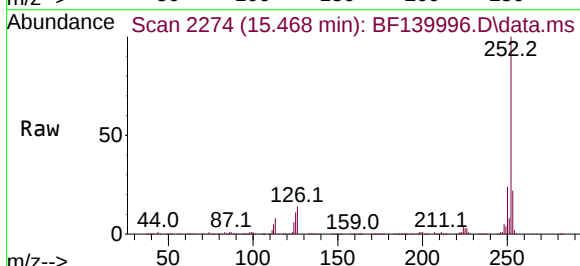
Tgt Ion:252 Resp: 819711

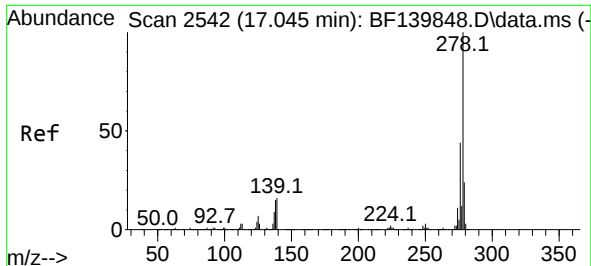
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 10.6 8.7 13.1

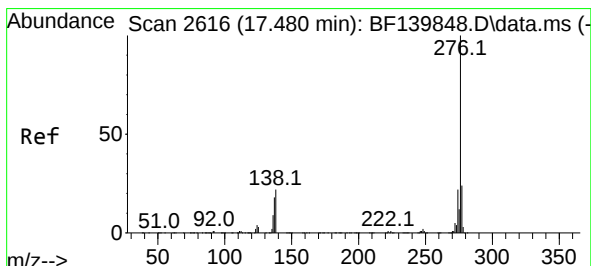
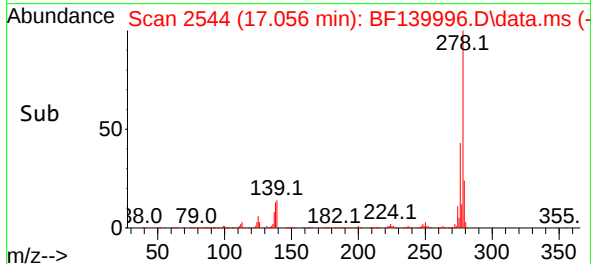
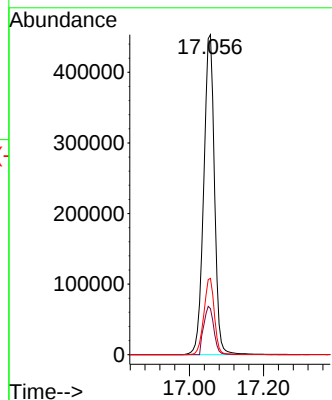
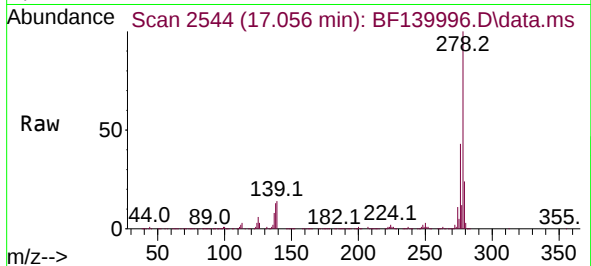




#91
Dibenzo(a,h)anthracene
Concen: 51.335 ng
RT: 17.056 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Instrument :
BNA_F
ClientSampleId :
PB163997BS

Tgt Ion:278 Resp: 913924
Ion Ratio Lower Upper
278 100
139 14.4 13.1 19.7
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.760 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.012 min
Lab File: BF139996.D
Acq: 24 Oct 2024 12:53

Tgt Ion:276 Resp: 867088
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.2 17.4 26.0

