

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF139997.D
 Acq On : 24 Oct 2024 13:21
 Operator : RC/JU
 Sample : PB164208BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164208BS

Quant Time: Oct 24 13:41:52 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	146768	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	559393	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	307081	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	545635	20.000	ng	0.00
76) Chrysene-d12	14.057	240	272685	20.000	ng	0.00
86) Perylene-d12	15.527	264	290439	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1173430	125.163	ng	0.02
7) Phenol-d6	6.516	99	1488768	122.609	ng	0.00
23) Nitrobenzene-d5	7.451	82	961002	95.214	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	445211	154.999	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1726013	92.893	ng	0.00
79) Terphenyl-d14	12.998	244	1757783	105.040	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.763	88	164401	37.610	ng 94
3) Pyridine	3.522	79	434284	40.082	ng 94
4) n-Nitrosodimethylamine	3.469	42	237180	40.744	ng 94
6) Aniline	6.551	93	457846	40.458	ng 98
8) 2-Chlorophenol	6.675	128	456067	47.585	ng 97
9) Benzaldehyde	6.439	77	109292	16.000	ng 98
10) Phenol	6.528	94	574879	45.923	ng 99
11) bis(2-Chloroethyl)ether	6.628	93	441357	45.615	ng 98
12) 1,3-Dichlorobenzene	6.834	146	487132	44.277	ng 98
13) 1,4-Dichlorobenzene	6.910	146	492253	44.784	ng 98
14) 1,2-Dichlorobenzene	7.057	146	477151	46.512	ng 99
15) Benzyl Alcohol	7.028	79	411790	46.233	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	714292	43.295	ng 97
17) 2-Methylphenol	7.134	107	374494	45.823	ng 100
18) Hexachloroethane	7.404	117	175746	44.837	ng 97
19) n-Nitroso-di-n-propyla...	7.304	70	329758	44.778	ng 96
20) 3+4-Methylphenols	7.286	107	460785	44.080	ng 94
22) Acetophenone	7.298	105	614828	44.873	ng 98
24) Nitrobenzene	7.469	77	496780	44.893	ng 100
25) Isophorone	7.710	82	894254	46.681	ng 99
26) 2-Nitrophenol	7.786	139	238511	57.133	ng 95
27) 2,4-Dimethylphenol	7.816	122	378965	54.441	ng 99
28) bis(2-Chloroethoxy)met...	7.916	93	533558	45.971	ng 99
29) 2,4-Dichlorophenol	8.022	162	377651	47.630	ng 99
30) 1,2,4-Trichlorobenzene	8.110	180	399159	45.497	ng 99
31) Naphthalene	8.192	128	1311180	45.448	ng 100
32) Benzoic acid	7.933	122	293183	48.289	ng 95
33) 4-Chloroaniline	8.239	127	217150	22.074	ng 97
34) Hexachlorobutadiene	8.310	225	260021	47.170	ng 98
35) Caprolactam	8.610	113	80896	32.088	ng 90
36) 4-Chloro-3-methylphenol	8.716	107	407211	46.382	ng 97
37) 2-Methylnaphthalene	8.886	142	828427	46.886	ng 100
38) 1-Methylnaphthalene	8.986	142	770255	44.433	ng 100
40) 1,2,4,5-Tetrachloroben...	9.051	216	399655	48.241	ng 99
41) Hexachlorocyclopentadiene	9.039	237	516673	179.237	ng 99
43) 2,4,6-Trichlorophenol	9.163	196	296773	50.597	ng 99

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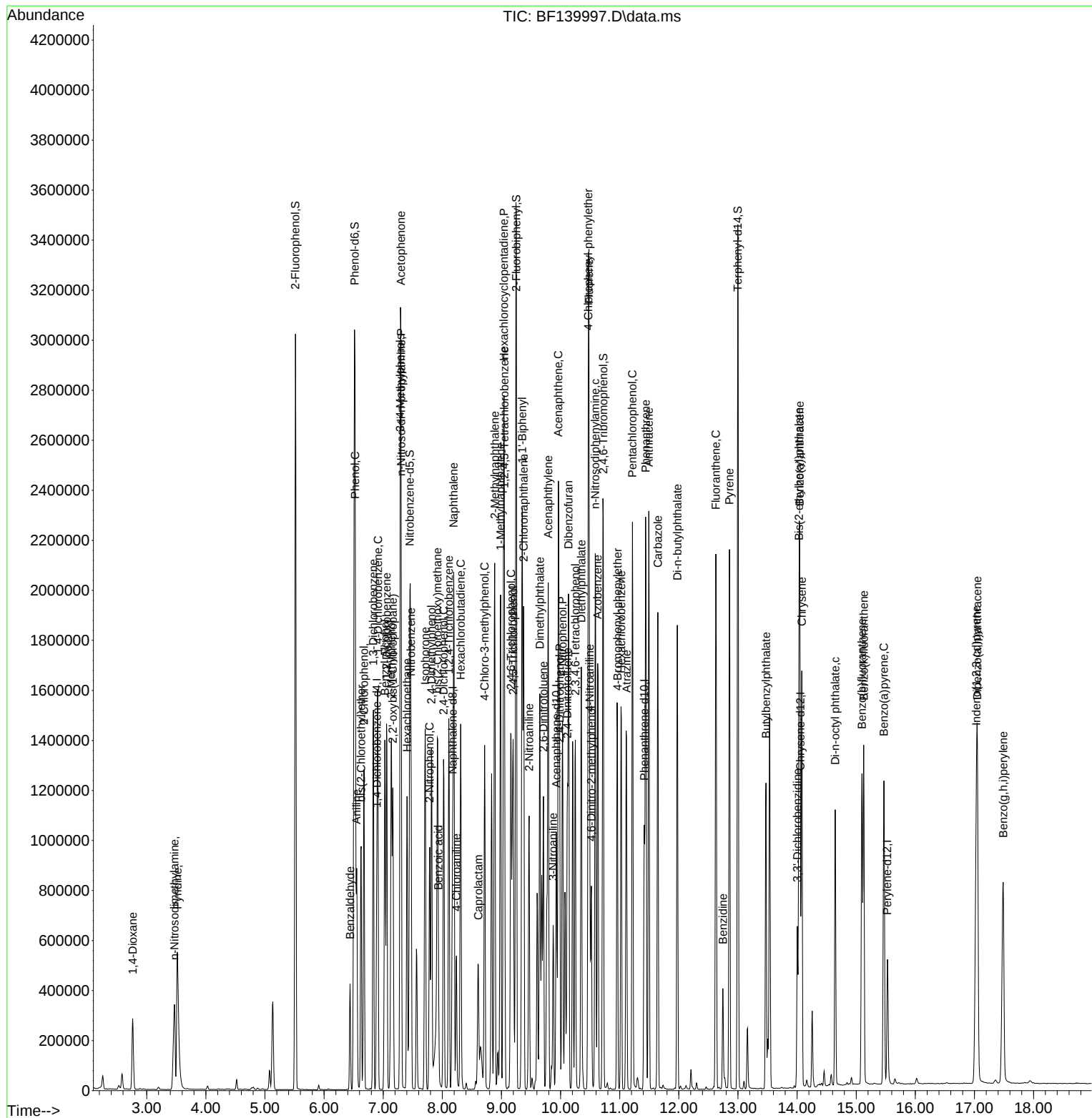
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	289527	47.844	ng	99
46) 1,1'-Biphenyl	9.351	154	1005890	47.054	ng	99
47) 2-Chloronaphthalene	9.375	162	800201	46.476	ng	99
48) 2-Nitroaniline	9.469	65	270414	51.352	ng	91
49) Acenaphthylene	9.792	152	1236148	49.661	ng	100
50) Dimethylphthalate	9.651	163	921402	48.172	ng	100
51) 2,6-Dinitrotoluene	9.710	165	204338	49.339	ng	96
52) Acenaphthene	9.963	154	870187	54.042	ng	98
53) 3-Nitroaniline	9.875	138	134327	31.452	ng	97
54) 2,4-Dinitrophenol	9.986	184	225831	127.062	ng	# 1
55) Dibenzofuran	10.133	168	1088550	47.118	ng	99
56) 4-Nitrophenol	10.033	139	343997	104.692	ng	97
57) 2,4-Dinitrotoluene	10.116	165	275731	54.140	ng	95
58) Fluorene	10.480	166	823797	46.816	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	246162	51.890	ng	97
60) Diethylphthalate	10.351	149	892502	47.523	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	421137	47.392	ng	98
62) 4-Nitroaniline	10.492	138	200030	49.590	ng	95
63) Azobenzene	10.627	77	917547	46.084	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	151935	68.266	ng	91
66) n-Nitrosodiphenylamine	10.586	169	769526	47.121	ng	100
67) 4-Bromophenyl-phenylether	10.963	248	275211	48.961	ng	93
68) Hexachlorobenzene	11.027	284	307480	48.638	ng	94
69) Atrazine	11.116	200	251414	56.833	ng	99
70) Pentachlorophenol	11.216	266	383001	99.824	ng	100
71) Phenanthrene	11.439	178	1222910	47.448	ng	100
72) Anthracene	11.492	178	1239887	49.306	ng	100
73) Carbazole	11.645	167	1069883	45.747	ng	99
74) Di-n-butylphthalate	11.974	149	1293914	47.887	ng	100
75) Fluoranthene	12.627	202	1212798	46.548	ng	100
77) Benzidine	12.745	184	229171	51.110	ng	99
78) Pyrene	12.857	202	1214033	50.862	ng	100
80) Butylbenzylphthalate	13.474	149	390860	54.620	ng	99
81) Benzo(a)anthracene	14.045	228	885407	49.880	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	193751	37.436	ng	99
83) Chrysene	14.080	228	793014	48.725	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	433847	54.037	ng	# 99
85) Di-n-octyl phthalate	14.645	149	716965	49.097	ng	96
87) Indeno(1,2,3-cd)pyrene	17.033	276	1042017	55.769	ng	98
88) Benzo(b)fluoranthene	15.098	252	764657	43.220	ng	99
89) Benzo(k)fluoranthene	15.127	252	775417	50.820	ng	100
90) Benzo(a)pyrene	15.468	252	763391	52.439	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	854677	54.832	ng	98
92) Benzo(g,h,i)perylene	17.486	276	797561	51.226	ng	98

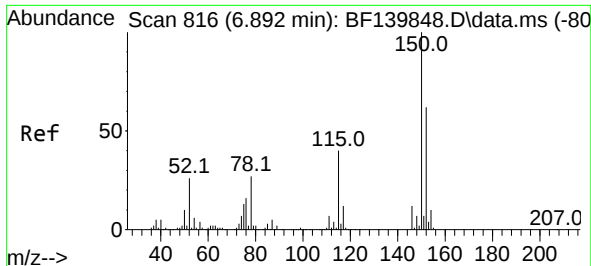
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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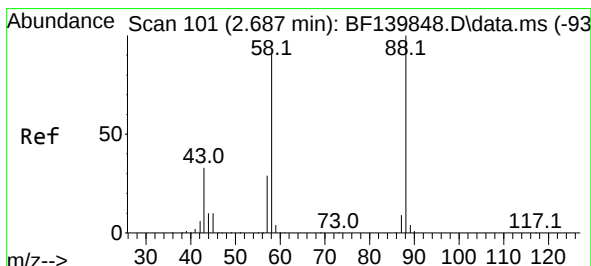
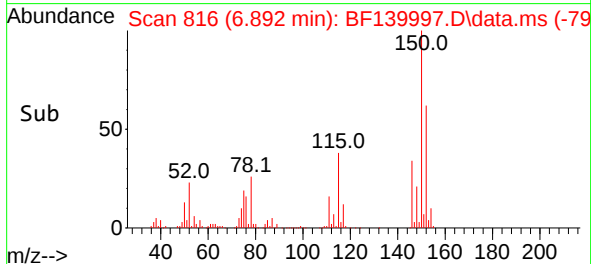
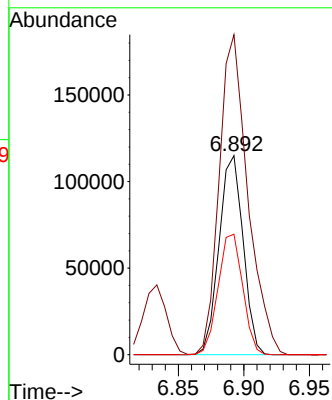
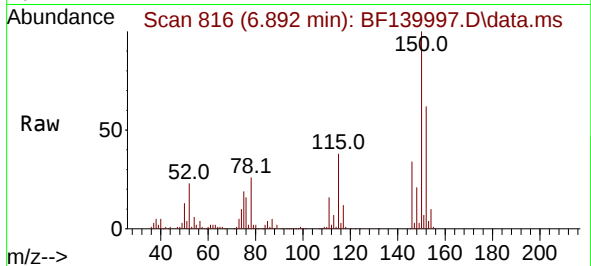




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

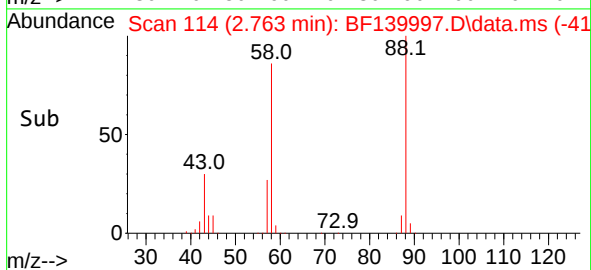
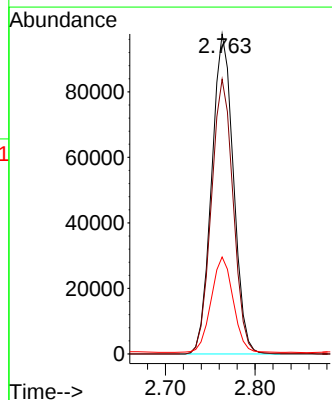
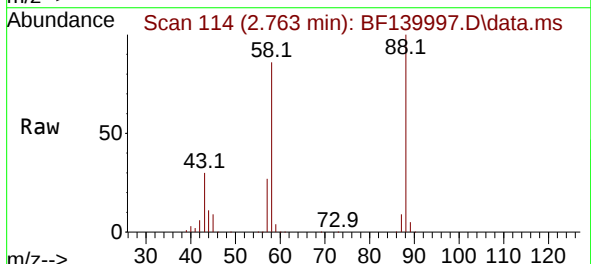
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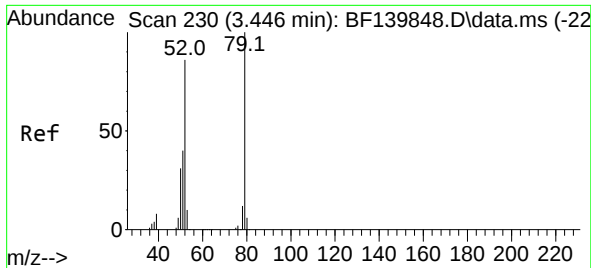
Tgt Ion:152 Resp: 146768
Ion Ratio Lower Upper
152 100
150 160.8 130.2 195.2
115 60.6 51.4 77.2



#2
1,4-Dioxane
Concen: 37.610 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.076 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion: 88 Resp: 164401
Ion Ratio Lower Upper
88 100
58 86.2 73.3 109.9
43 30.1 27.1 40.7





#3

Pyridine

Concen: 40.082 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.076 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

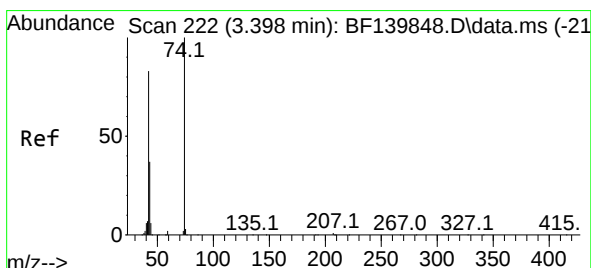
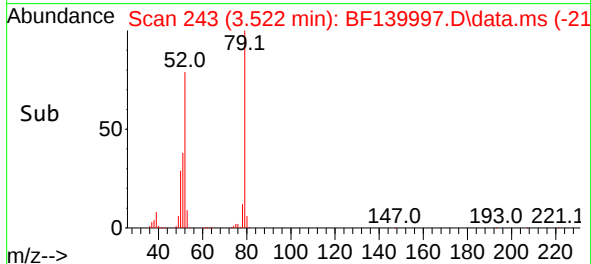
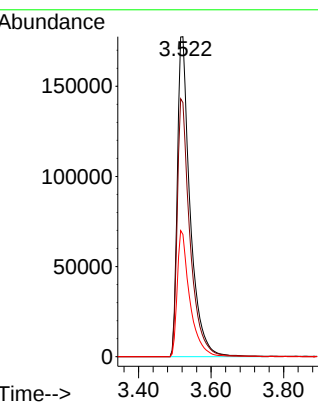
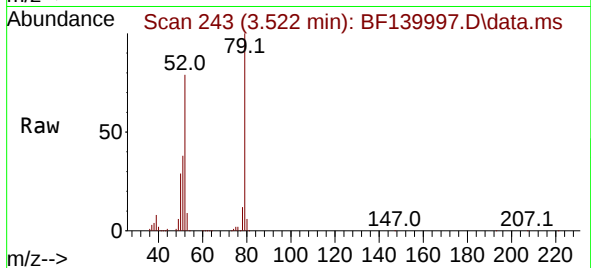
Tgt Ion: 79 Resp: 434284

Ion Ratio Lower Upper

79 100

52 79.4 68.5 102.7

51 38.2 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 40.744 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.071 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

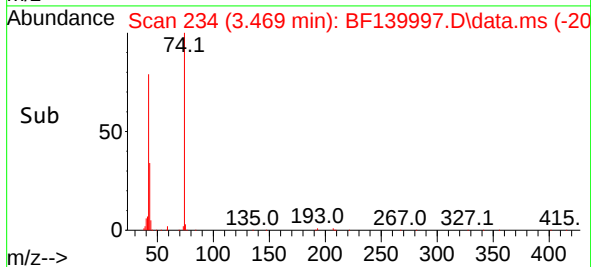
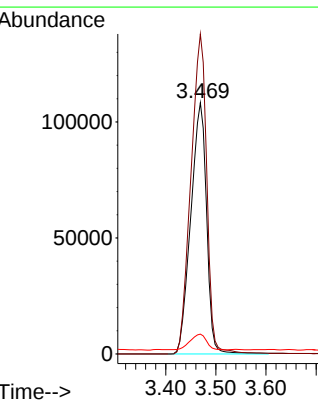
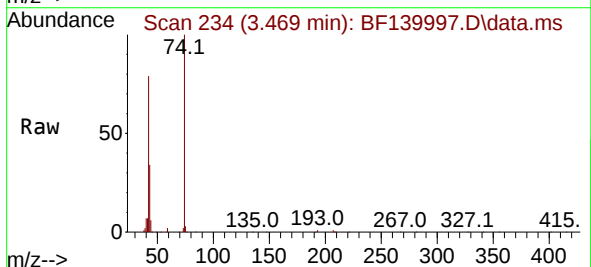
Tgt Ion: 42 Resp: 237180

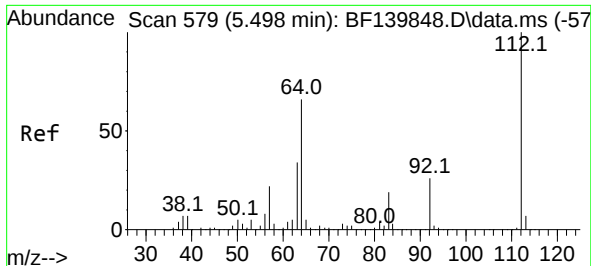
Ion Ratio Lower Upper

42 100

74 127.3 96.2 144.4

44 7.9 6.2 9.2





#5
2-Fluorophenol
Concen: 125.163 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

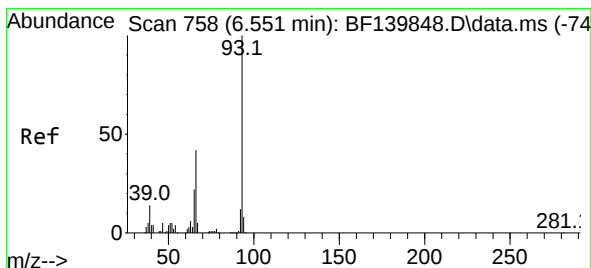
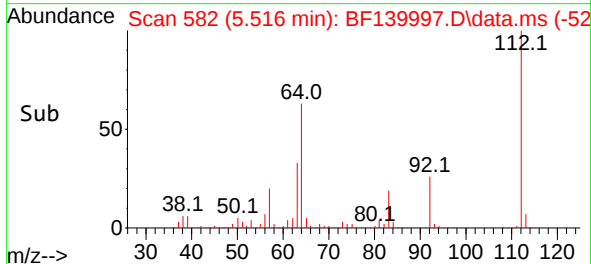
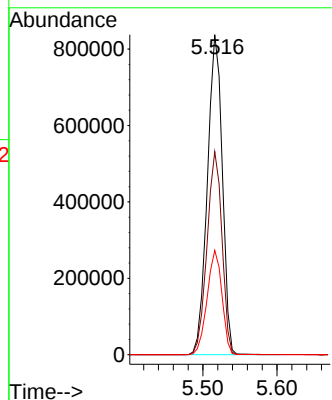
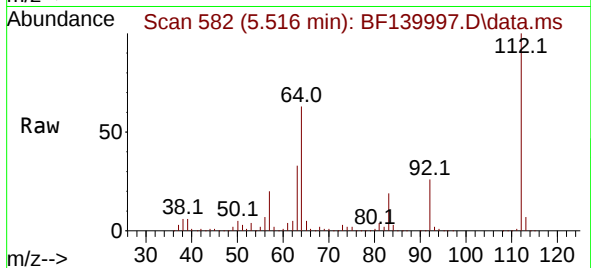
Instrument :

BNA_F

ClientSampleId :

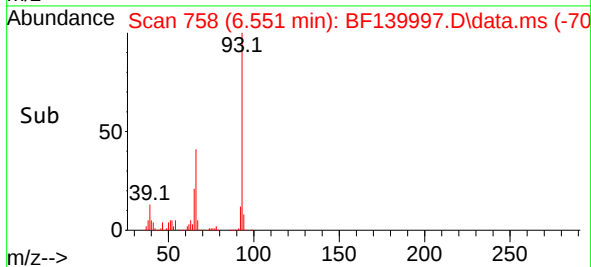
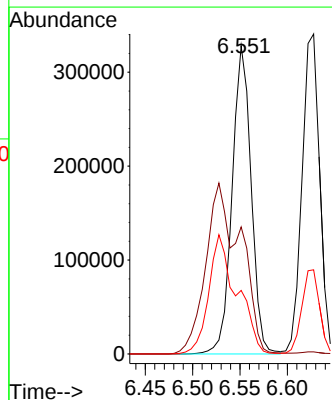
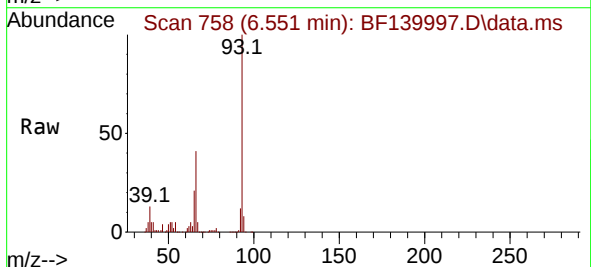
PB164208BS

Tgt Ion:112 Resp: 1173430
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 32.6 27.0 40.4



#6
Aniline
Concen: 40.458 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion: 93 Resp: 457846
Ion Ratio Lower Upper
93 100
66 41.2 34.0 51.0
65 20.6 17.4 26.0

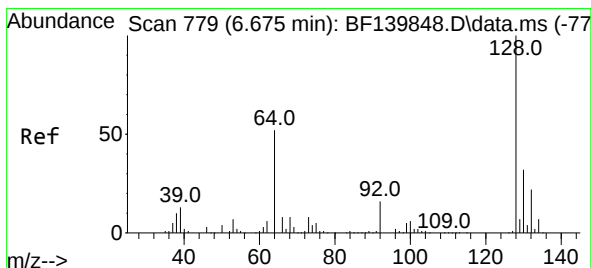
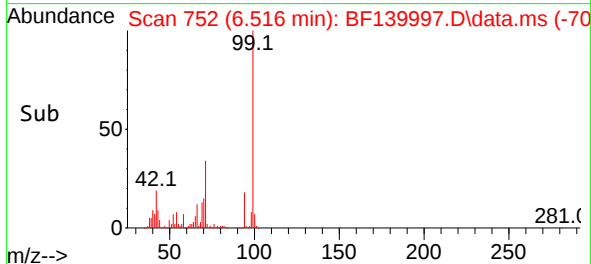
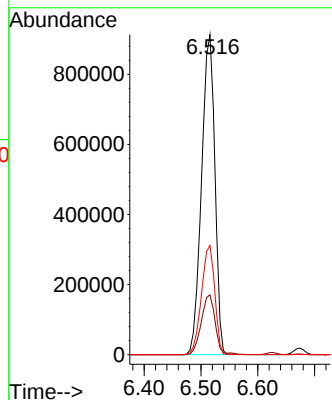
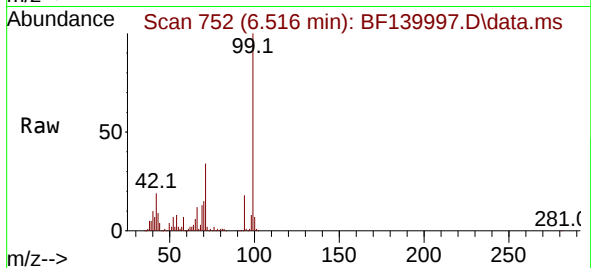




#7
Phenol-d6
Concen: 122.609 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

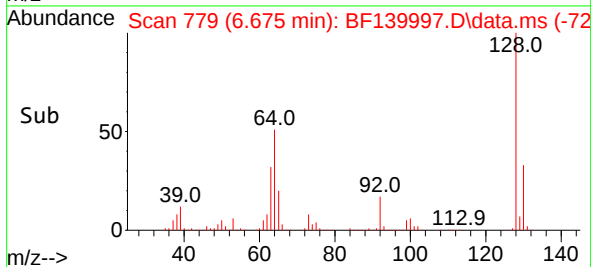
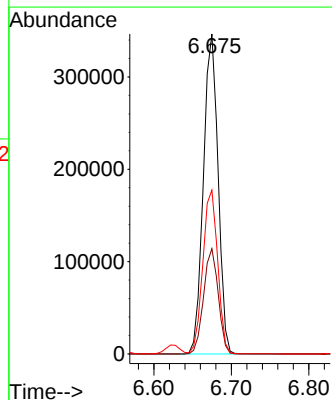
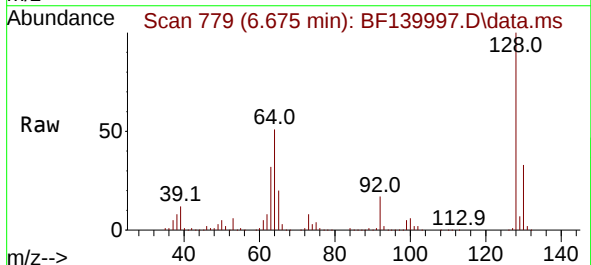
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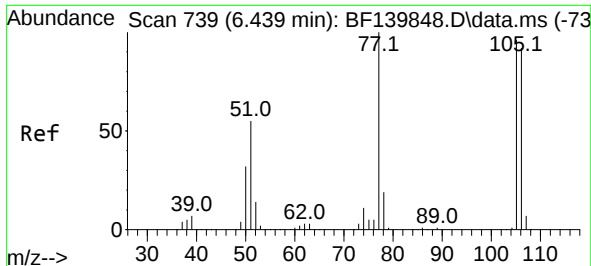
Tgt Ion: 99 Resp: 1488768
Ion Ratio Lower Upper
99 100
42 18.7 16.7 25.1
71 34.1 27.7 41.5



#8
2-Chlorophenol
Concen: 47.585 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:128 Resp: 456067
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 51.2 34.6 74.6

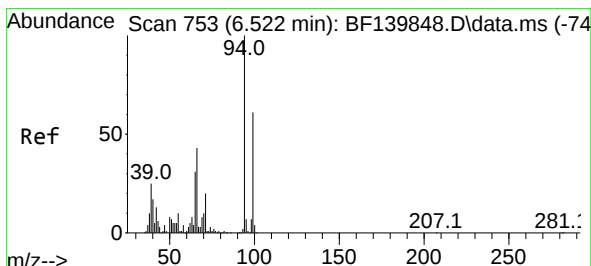
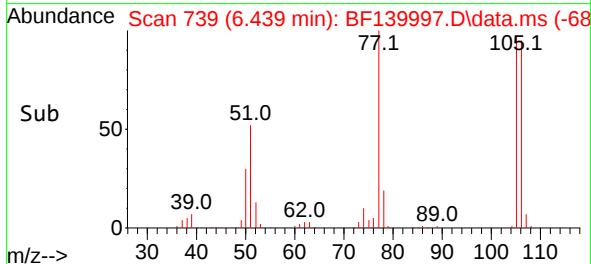
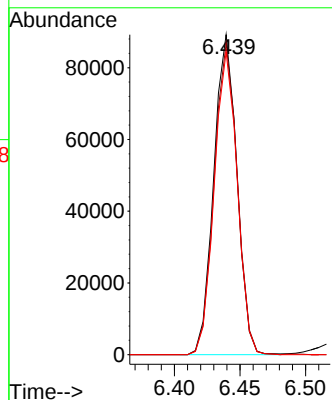
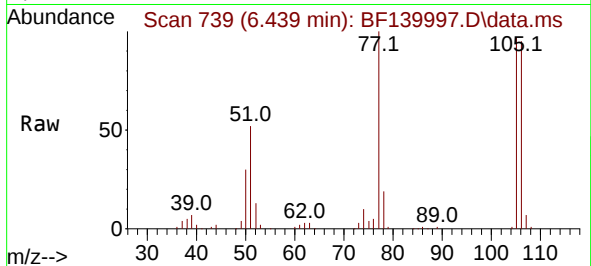




#9
Benzaldehyde
Concen: 16.000 ng
RT: 6.439 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139997.D
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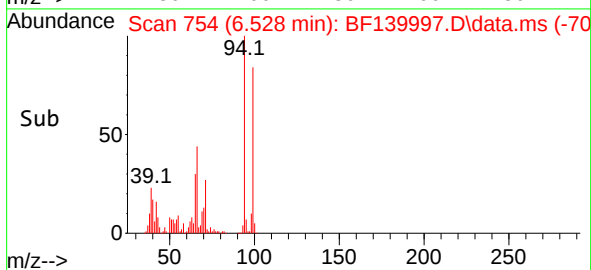
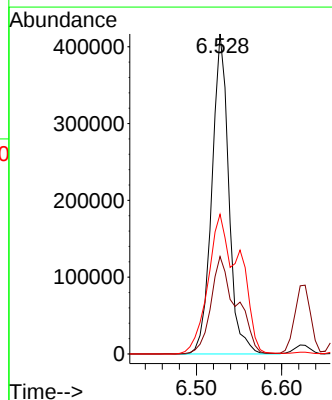
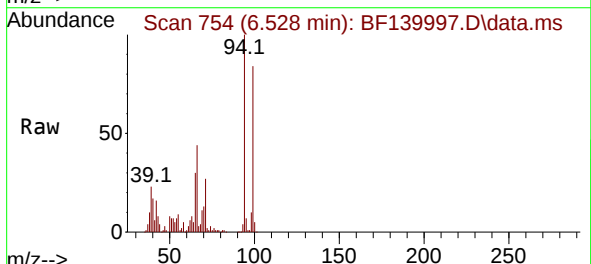
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Tgt Ion:	77	Resp:	109292
Ion Ratio	Lower	Upper	
77	100		
105	97.3	75.5	115.5
106	94.6	71.7	111.7



#10
Phenol
Concen: 45.923 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
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Tgt Ion:	94	Resp:	574879
Ion Ratio	Lower	Upper	
94	100		
65	30.4	11.1	51.1
66	43.6	22.7	62.7



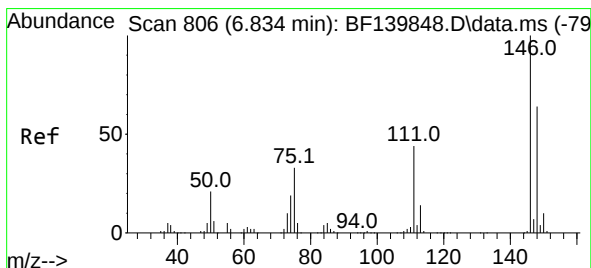
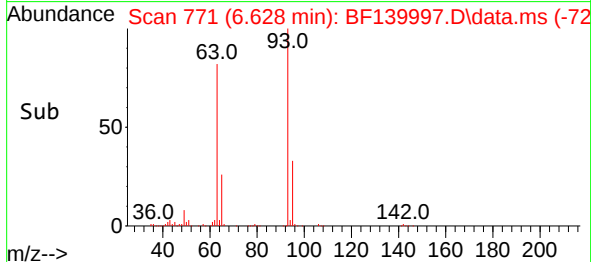
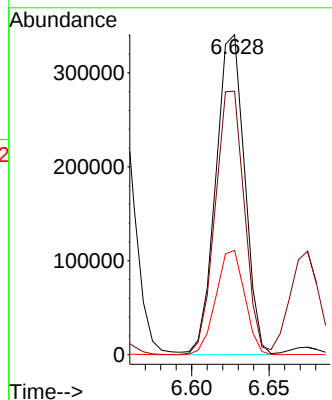
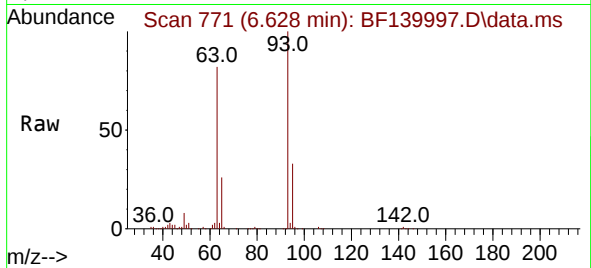


#11
bis(2-Chloroethyl)ether
Concen: 45.615 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion: 93 Resp: 441357

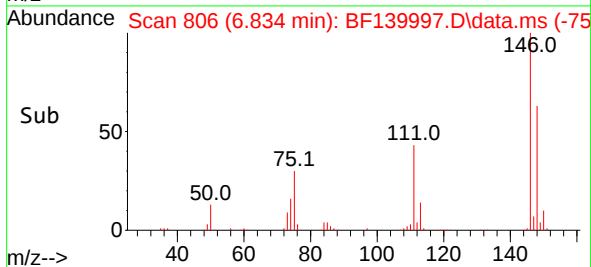
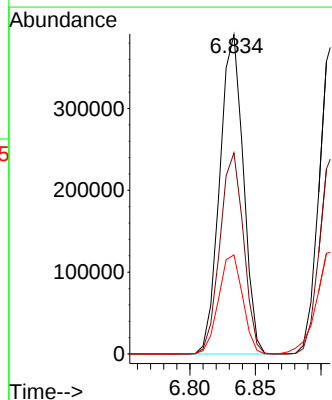
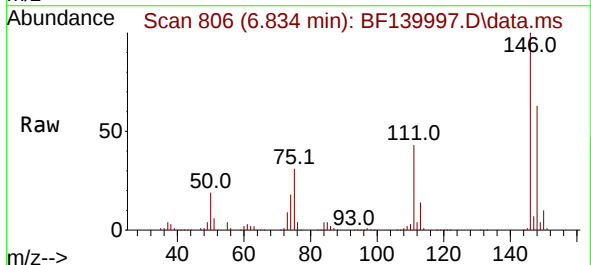
Ion	Ratio	Lower	Upper
93	100		
63	82.3	65.0	105.0
95	32.6	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 44.277 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion: 146 Resp: 487132

Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.4
75	31.0	26.4	39.6

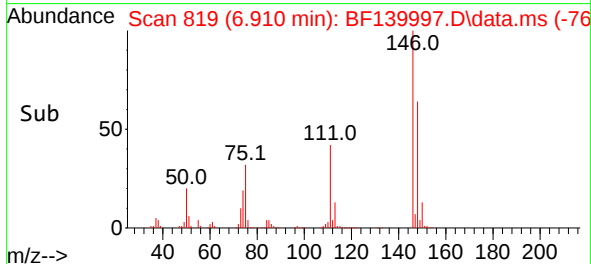
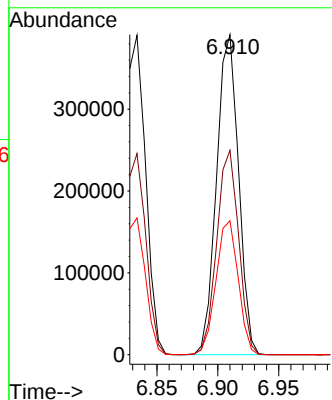
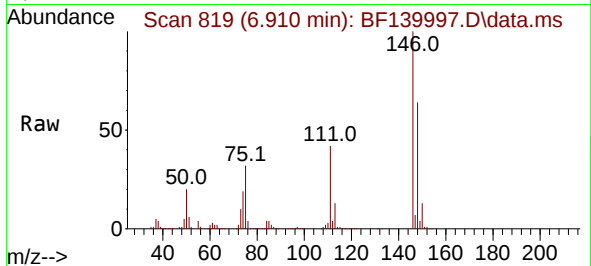




#13
1,4-Dichlorobenzene
Concen: 44.784 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

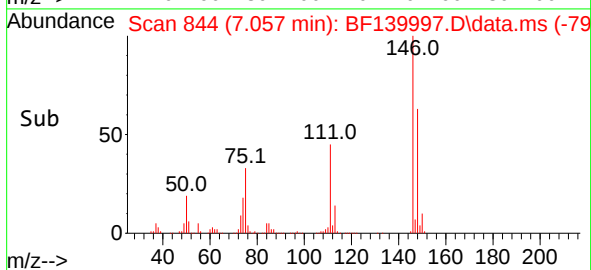
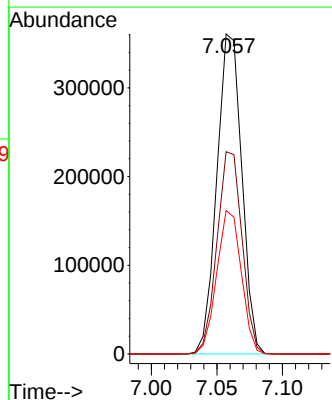
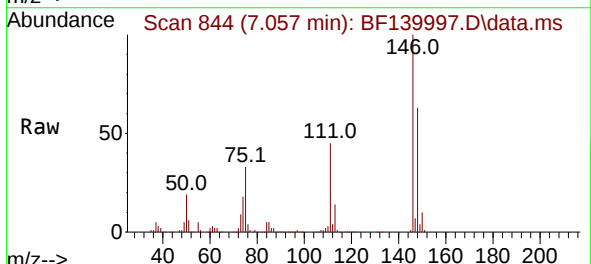
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:146 Resp: 492253
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.8
111 41.9 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 46.512 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:146 Resp: 477151
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 44.8 36.7 55.1

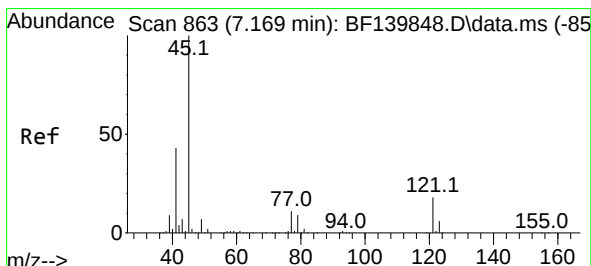
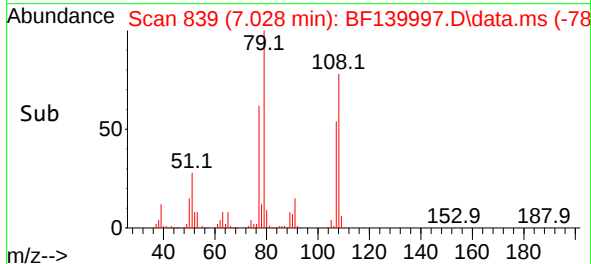
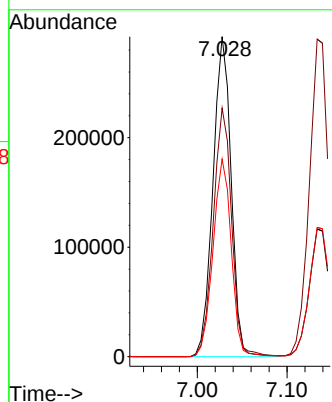
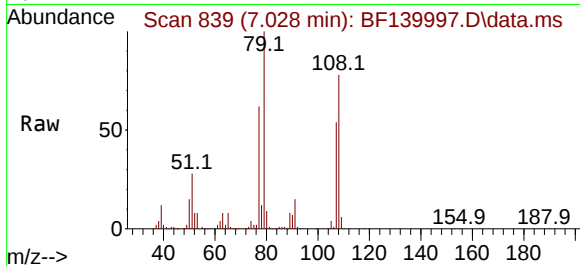




#15
Benzyl Alcohol
Concen: 46.233 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

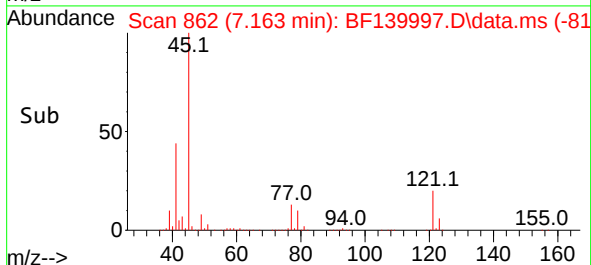
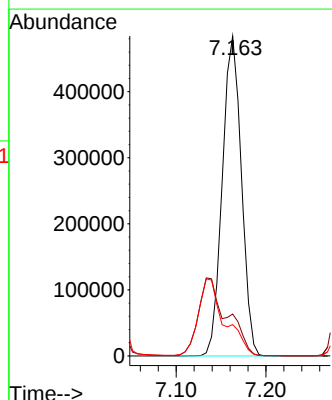
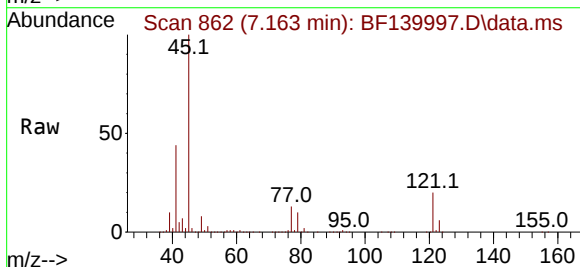
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion: 79 Resp: 411790
Ion Ratio Lower Upper
79 100
108 77.7 61.4 92.0
77 61.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.295 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

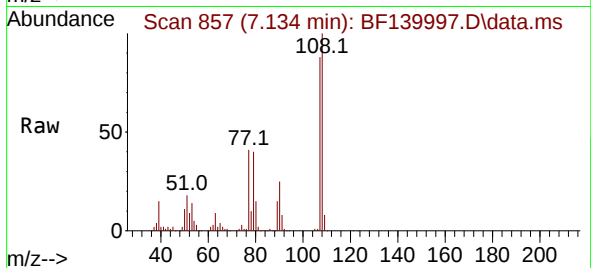
Tgt Ion: 45 Resp: 714292
Ion Ratio Lower Upper
45 100
77 13.1 0.0 31.5
79 9.8 0.0 29.1



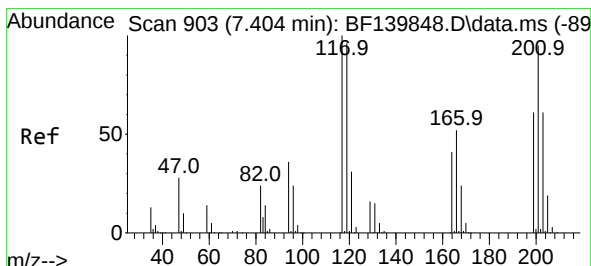
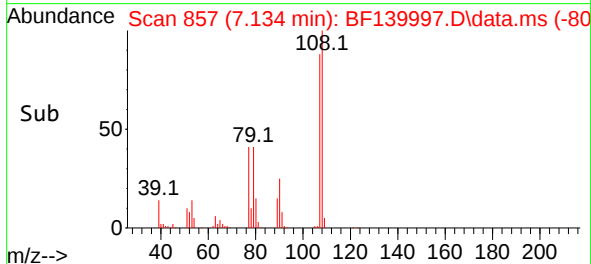
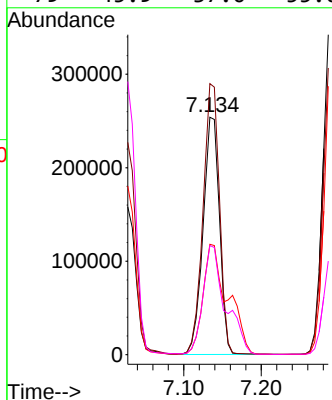


#17
2-Methylphenol
Concen: 45.823 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB164208BS

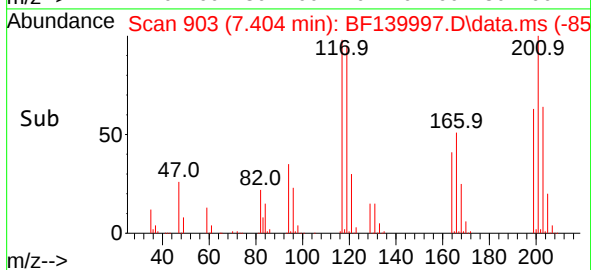
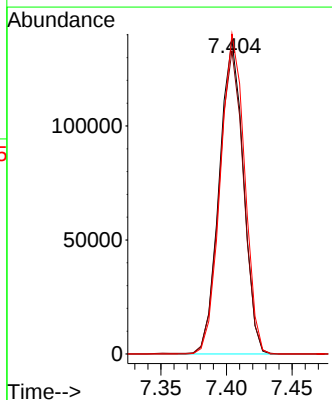
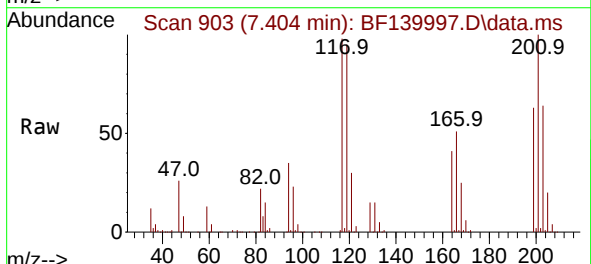


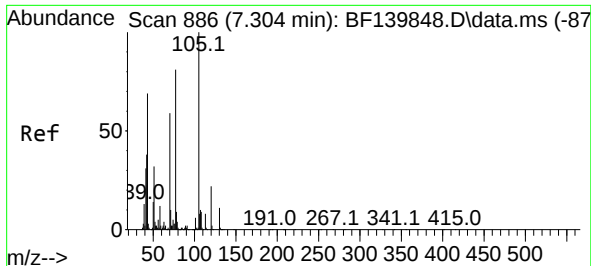
Tgt Ion:	107	Resp:	374494
Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.3	136.9
77	46.5	37.1	55.7
79	45.9	37.0	55.6



#18
Hexachloroethane
Concen: 44.837 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:	117	Resp:	175746
Ion	Ratio	Lower	Upper
117	100		
119	96.5	77.0	115.4
201	101.9	76.2	114.4



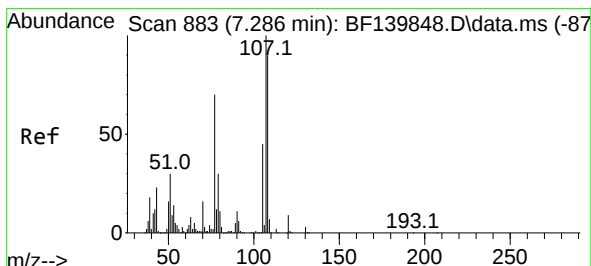
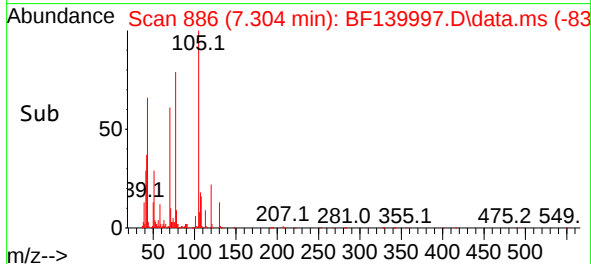
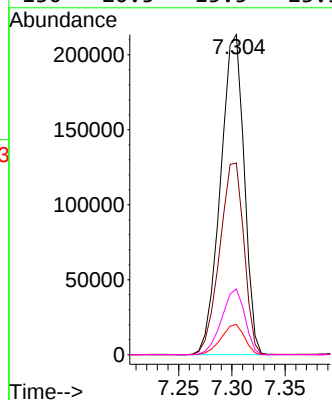
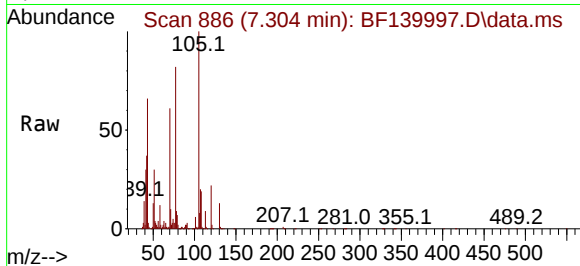


#19
n-Nitroso-di-n-propylamine
Concen: 44.778 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion: 70 Resp: 329758

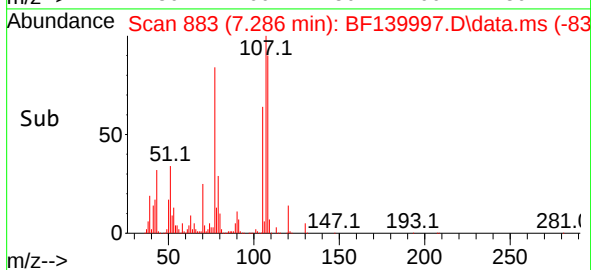
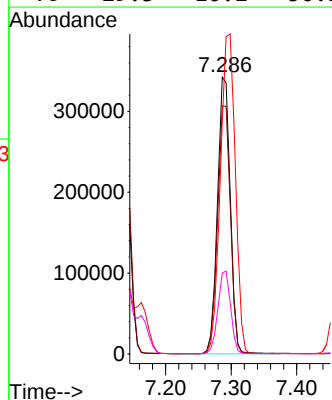
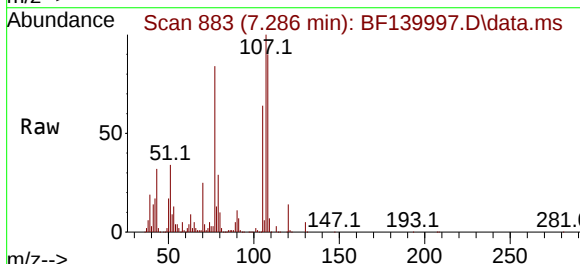
Ion	Ratio	Lower	Upper
70	100		
42	59.9	51.5	77.3
101	9.4	7.5	11.3
130	20.5	15.5	23.3



#20
3+4-Methylphenols
Concen: 44.080 ng
RT: 7.286 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion: 107 Resp: 460785

Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.8	109.8
77	83.9	50.5	90.5
79	29.3	10.2	50.2



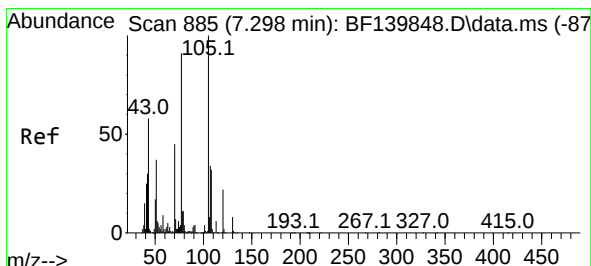
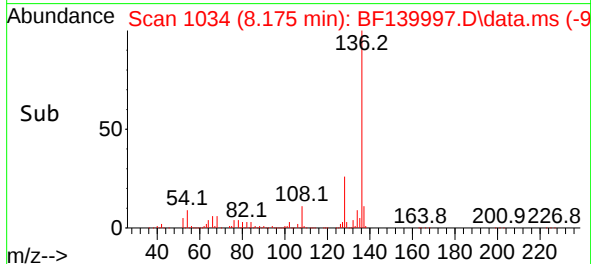
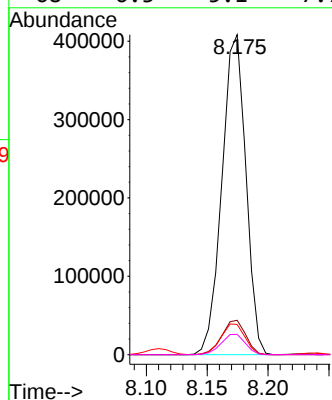
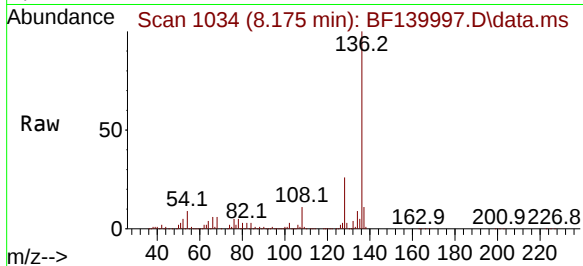


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:136 Resp: 559393

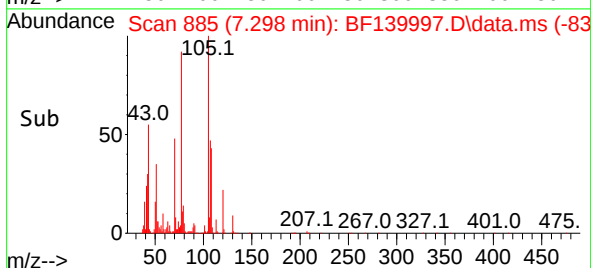
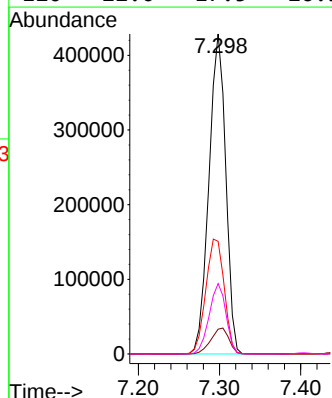
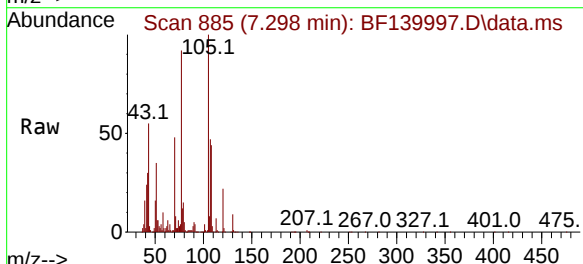
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.5	8.4	12.6
68	6.3	5.1	7.7

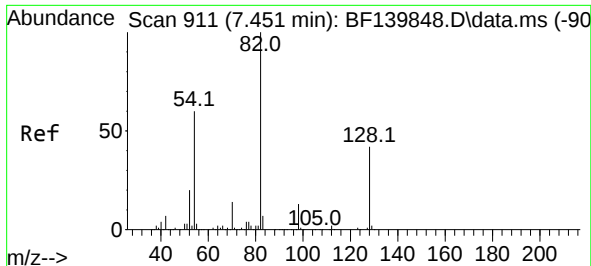


#22
Acetophenone
Concen: 44.873 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:105 Resp: 614828

Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.9	8.9
51	35.2	29.4	44.2
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 95.214 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

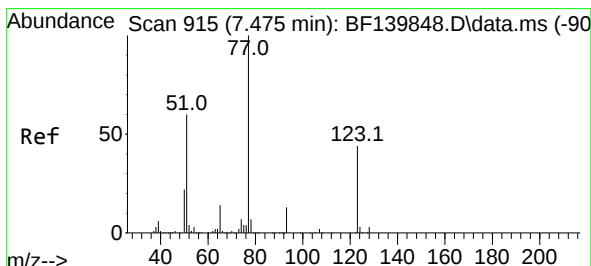
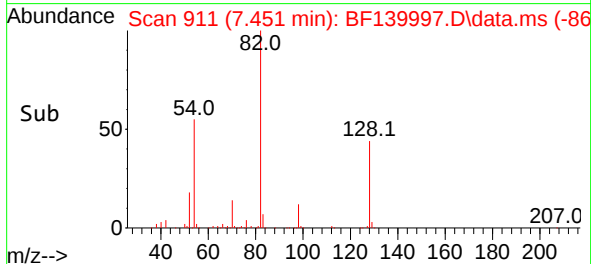
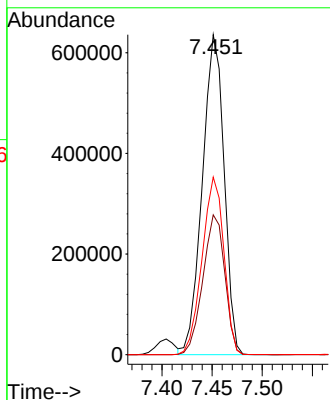
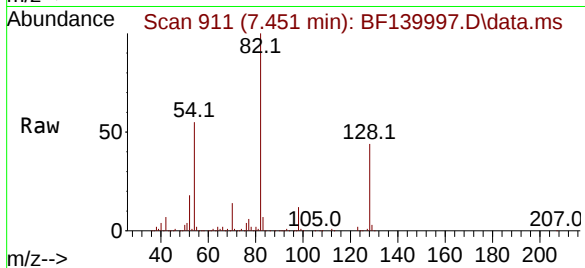
Tgt Ion: 82 Resp: 961002

Ion Ratio Lower Upper

82 100

128 43.7 33.4 50.0

54 55.5 47.8 71.8



#24

Nitrobenzene

Concen: 44.893 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

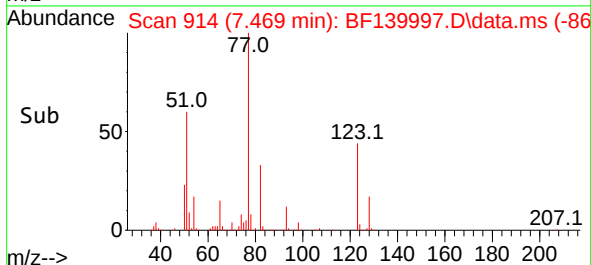
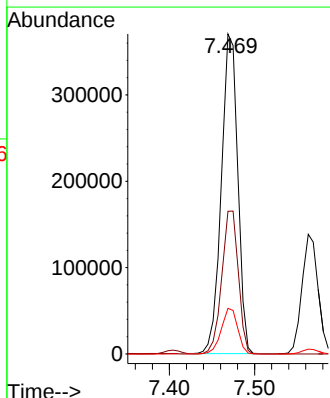
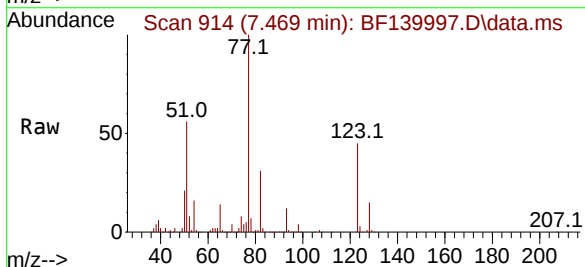
Tgt Ion: 77 Resp: 496780

Ion Ratio Lower Upper

77 100

123 44.6 35.7 53.5

65 14.3 11.5 17.3

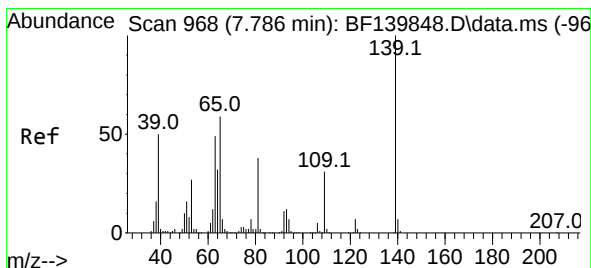
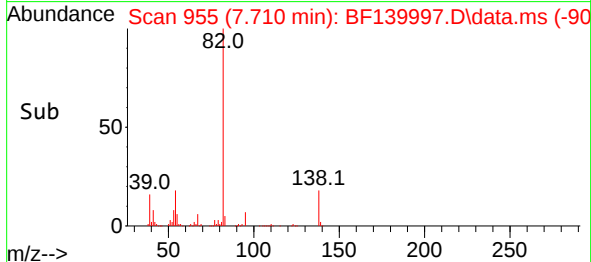
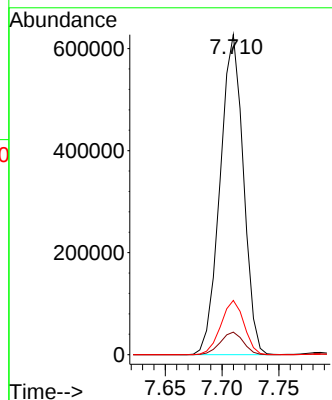
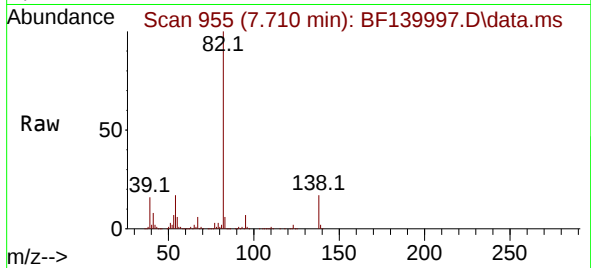




#25
Isophorone
Concen: 46.681 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

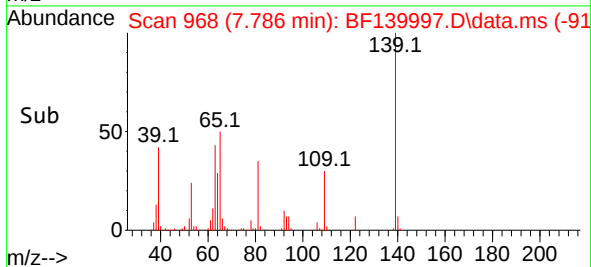
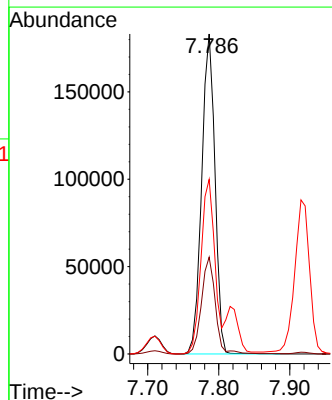
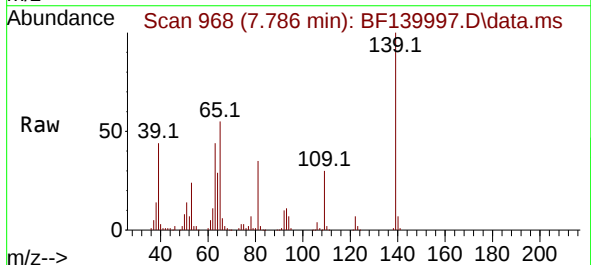
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion: 82 Resp: 894254
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 13.2 19.8



#26
2-Nitrophenol
Concen: 57.133 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion: 139 Resp: 238511
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 54.6 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 54.441 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

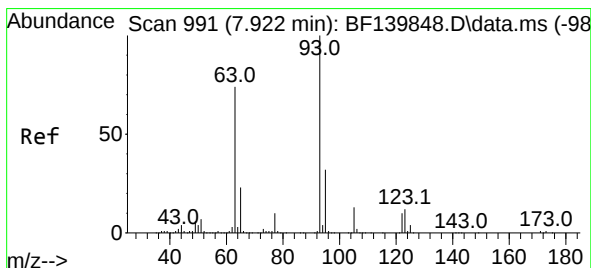
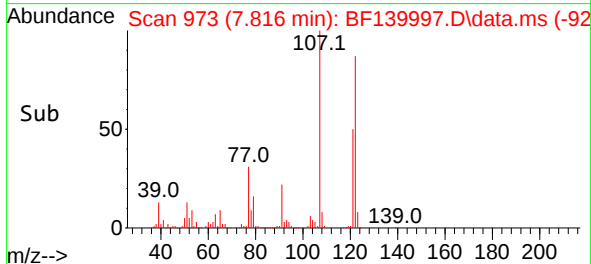
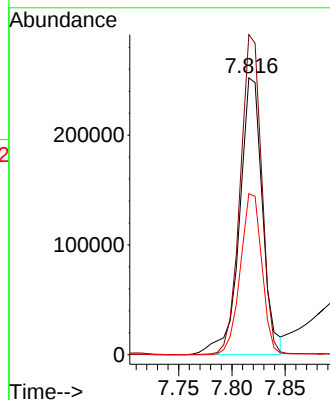
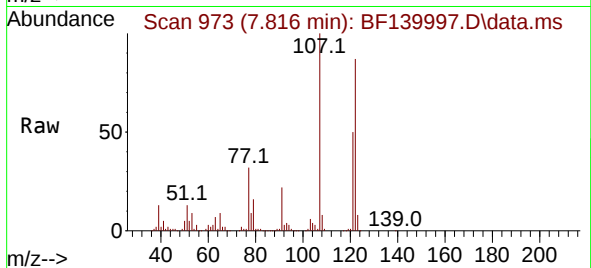
Tgt Ion:122 Resp: 378965

Ion Ratio Lower Upper

122 100

107 115.6 91.9 137.9

121 58.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 45.971 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

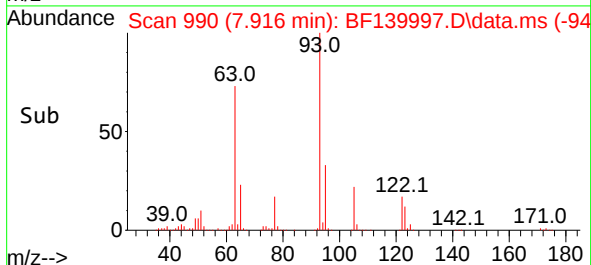
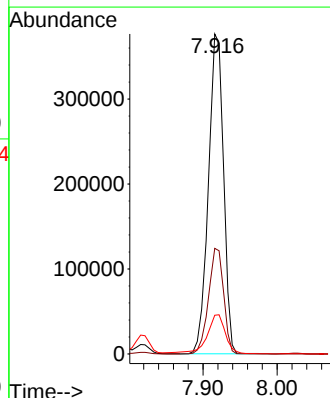
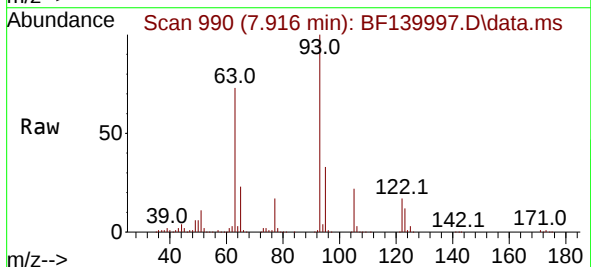
Tgt Ion: 93 Resp: 533558

Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.630 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

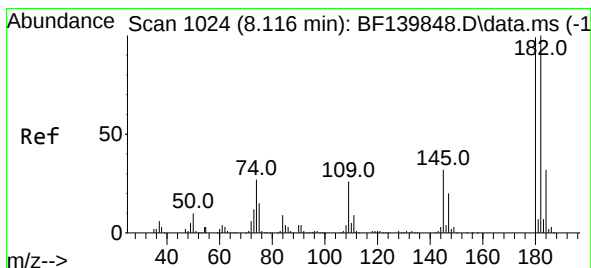
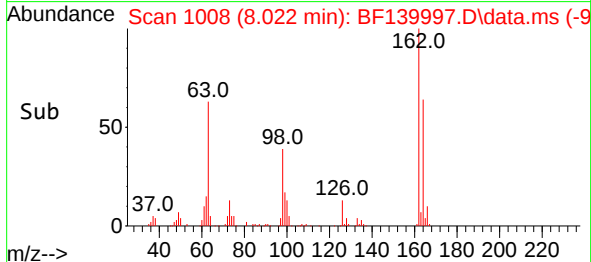
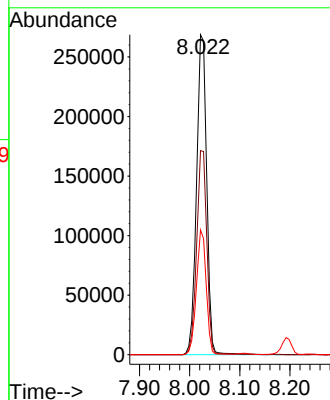
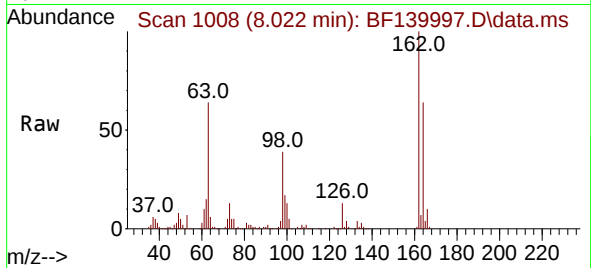
Tgt Ion:162 Resp: 377651

Ion Ratio Lower Upper

162 100

164 63.8 43.9 83.9

98 39.0 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 45.497 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

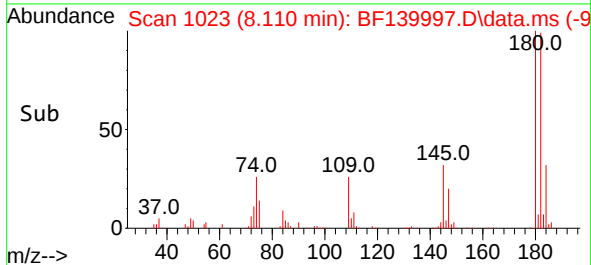
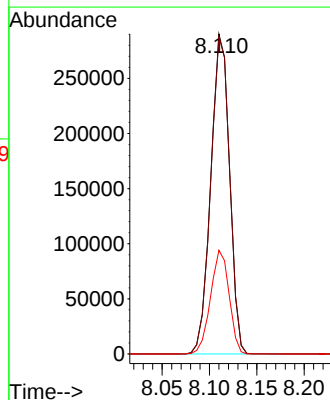
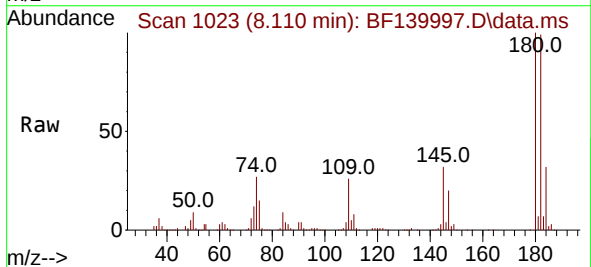
Tgt Ion:180 Resp: 399159

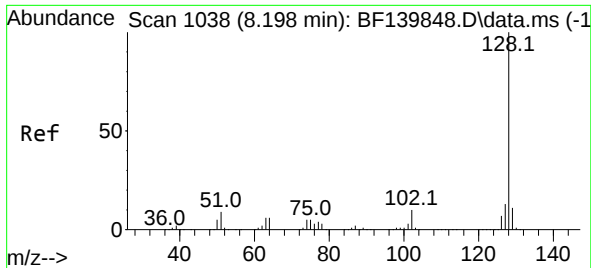
Ion Ratio Lower Upper

180 100

182 99.1 80.5 120.7

145 32.4 25.4 38.0

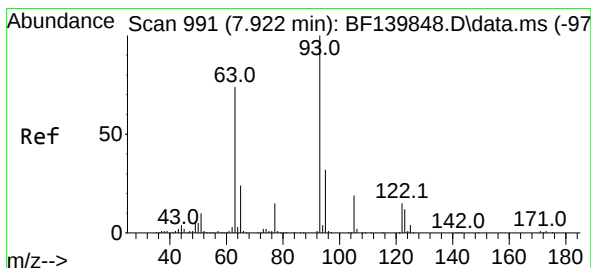
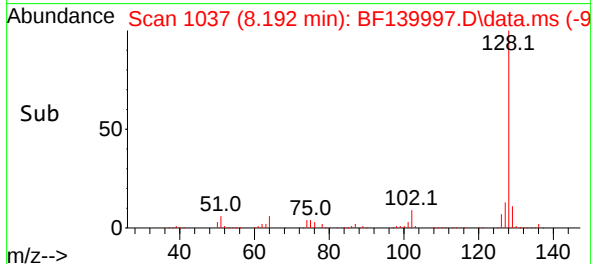
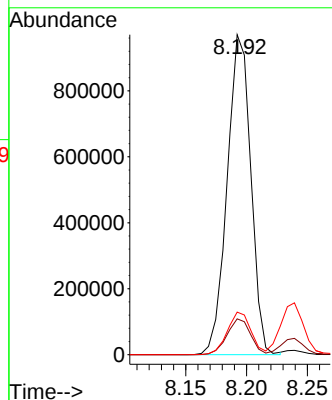
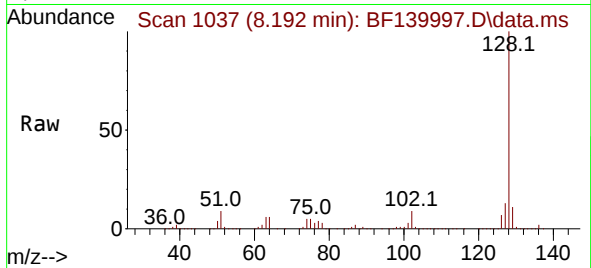




#31
Naphthalene
Concen: 45.448 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

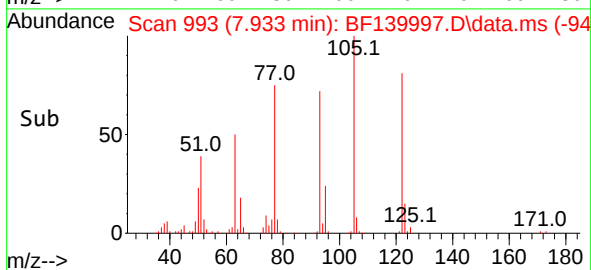
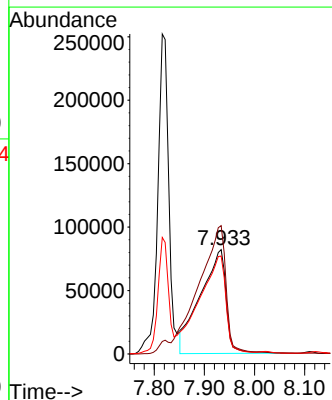
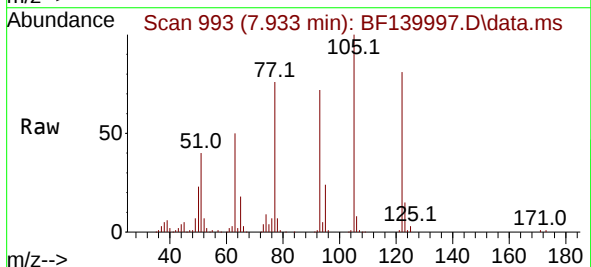
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:128 Resp: 1311180
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 48.289 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.011 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:122 Resp: 293183
Ion Ratio Lower Upper
122 100
105 123.1 107.6 147.6
77 93.9 80.2 120.2

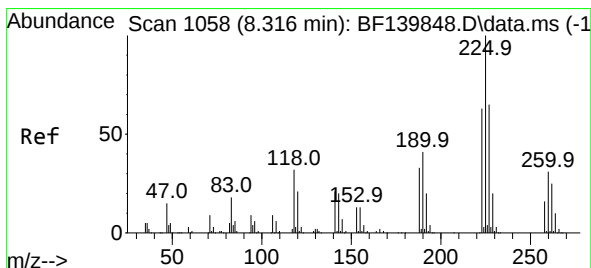
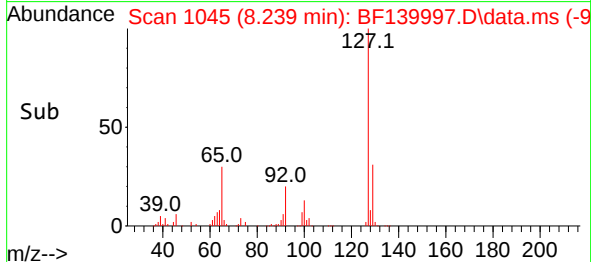
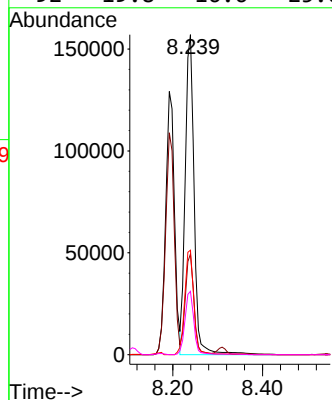
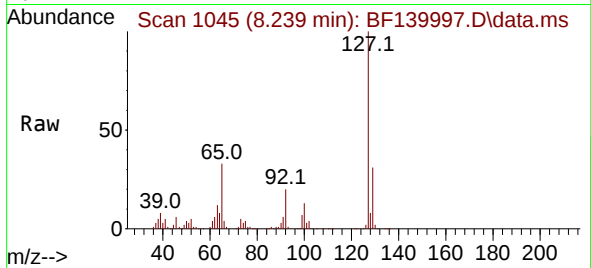




#33
4-Chloroaniline
Concen: 22.074 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

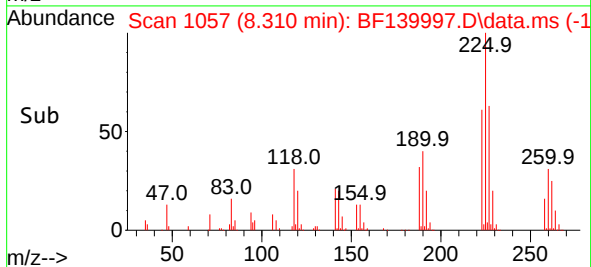
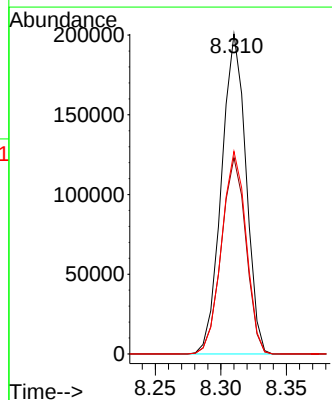
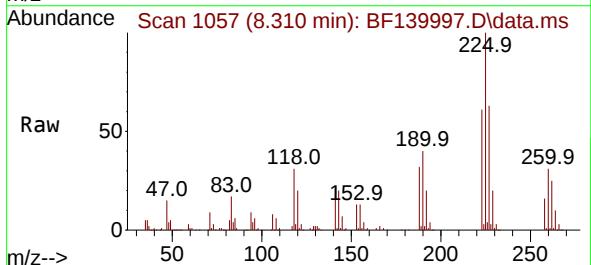
Instrument :
BNA_F
ClientSampleId :
PB164208BS

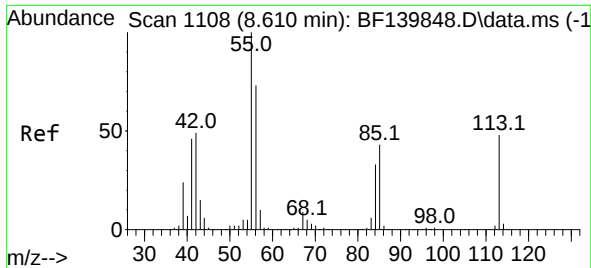
Tgt Ion:	127	Resp:	217150
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.4	38.2
65	32.7	28.4	42.6
92	19.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 47.170 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:	225	Resp:	260021
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.6	76.0
227	63.3	51.8	77.8

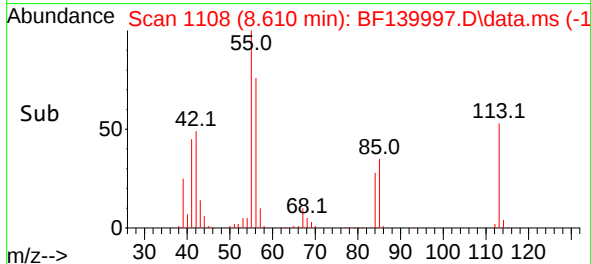
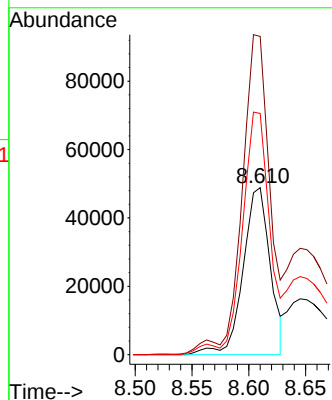
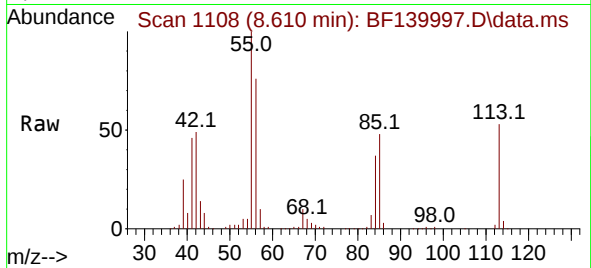




#35
 Caprolactam
 Concen: 32.088 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139997.D
 Acq: 24 Oct 2024 13:21

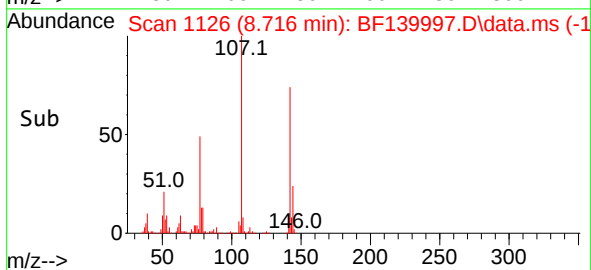
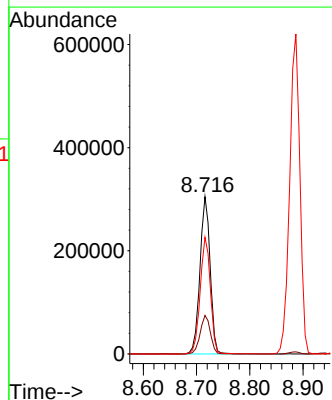
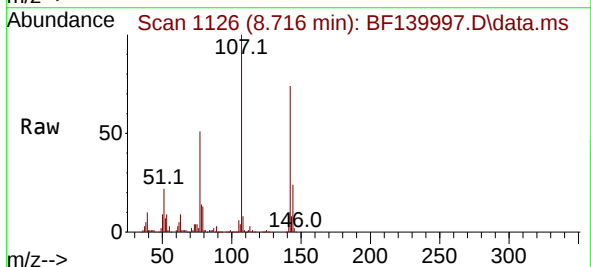
Instrument :
 BNA_F
 ClientSampleId :
 PB164208BS

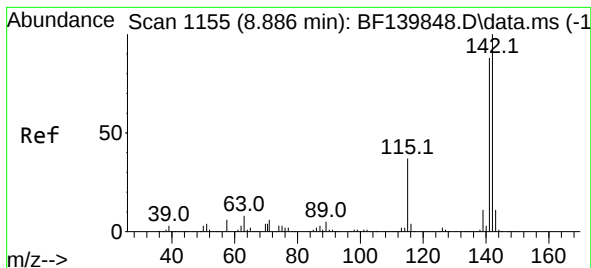
Tgt Ion:113 Resp: 80896
 Ion Ratio Lower Upper
 113 100
 55 190.5 189.2 229.2
 56 144.4 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 46.382 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139997.D
 Acq: 24 Oct 2024 13:21

Tgt Ion:107 Resp: 407211
 Ion Ratio Lower Upper
 107 100
 144 24.5 19.1 28.7
 142 74.2 57.2 85.8





#37

2-Methylnaphthalene

Concen: 46.886 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

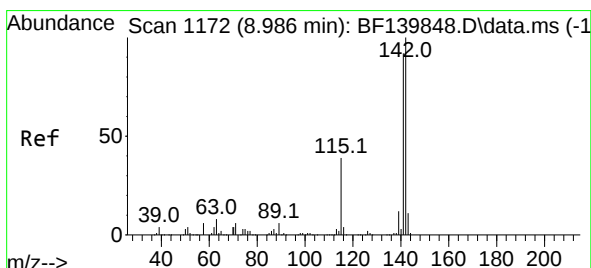
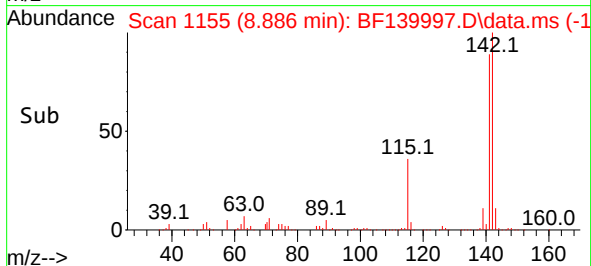
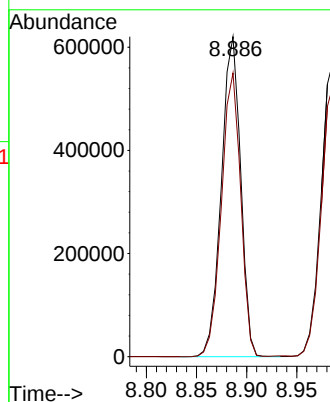
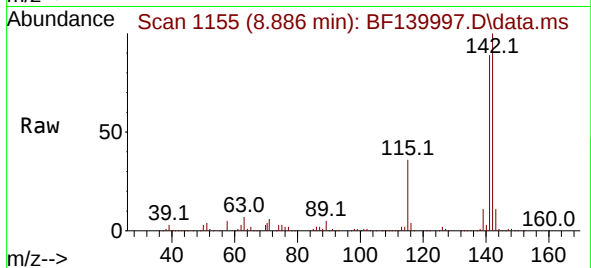
PB164208BS

Tgt Ion:142 Resp: 828427

Ion Ratio Lower Upper

142 100

141 88.6 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.433 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139997.D

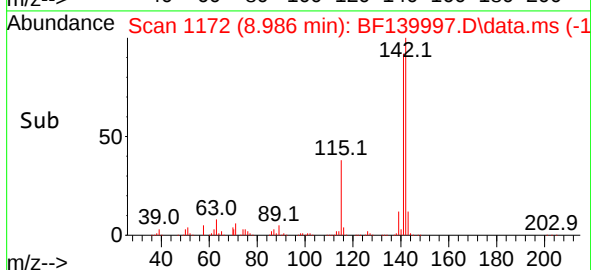
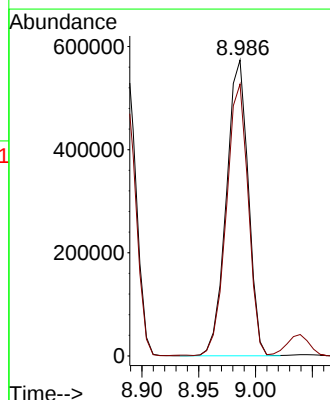
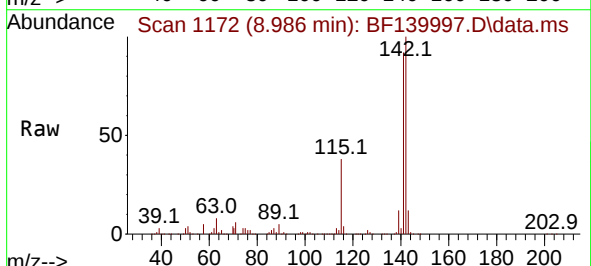
Acq: 24 Oct 2024 13:21

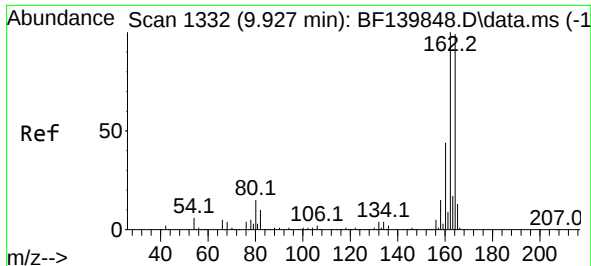
Tgt Ion:142 Resp: 770255

Ion Ratio Lower Upper

142 100

141 91.9 73.5 110.3

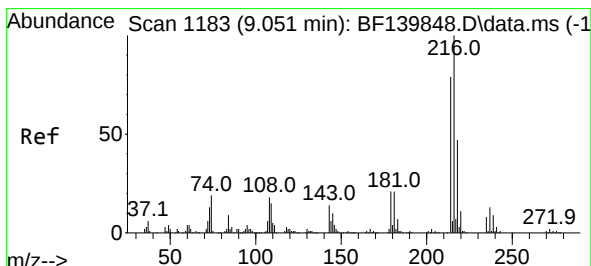
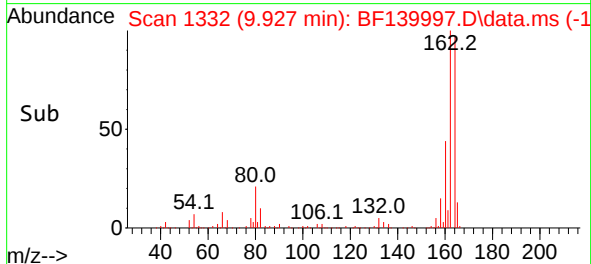
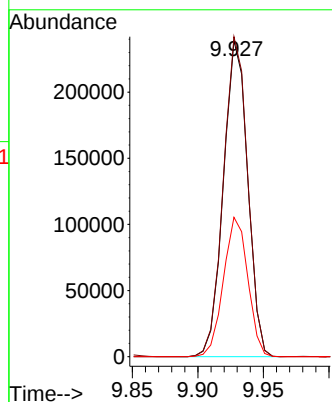
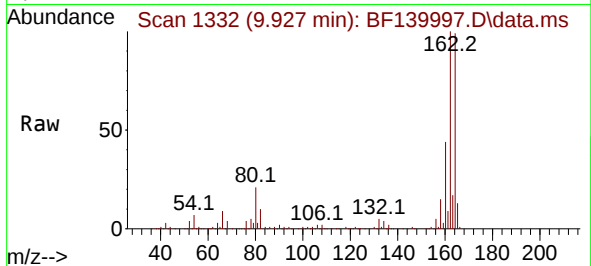




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

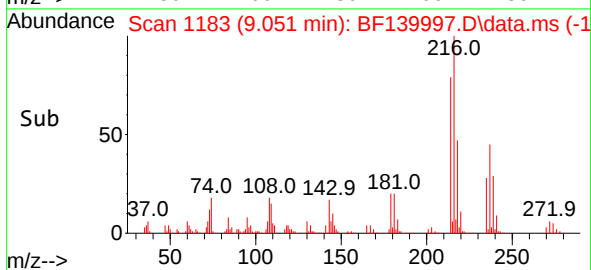
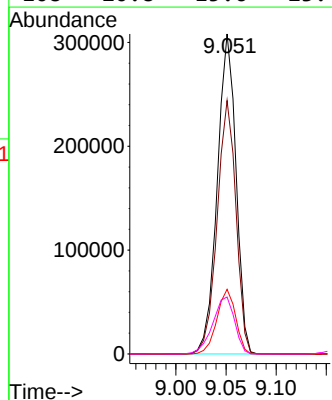
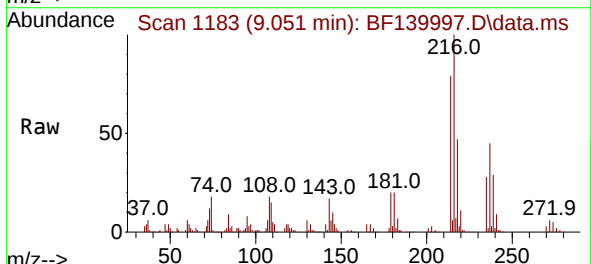
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:164 Resp: 307081
Ion Ratio Lower Upper
164 100
162 101.3 81.0 121.4
160 44.1 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.241 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:216 Resp: 399655
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 20.2 17.2 25.8
108 20.8 15.6 23.4

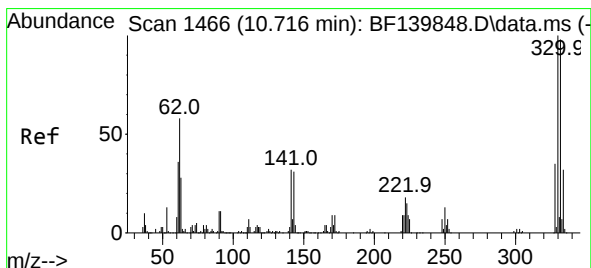
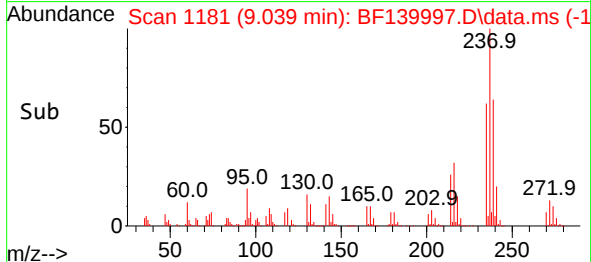
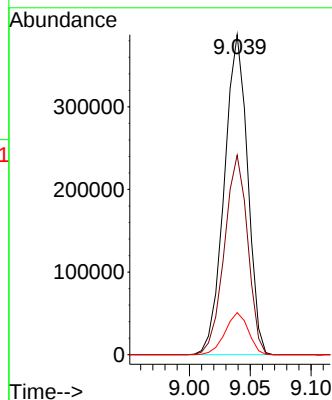
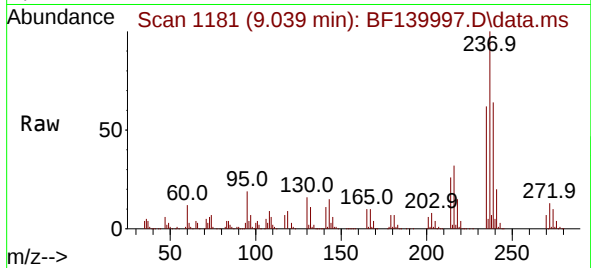




#41
Hexachlorocyclopentadiene
Concen: 179.237 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

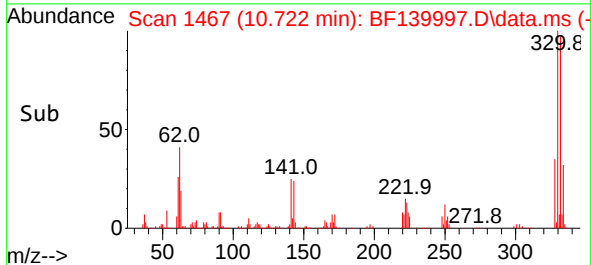
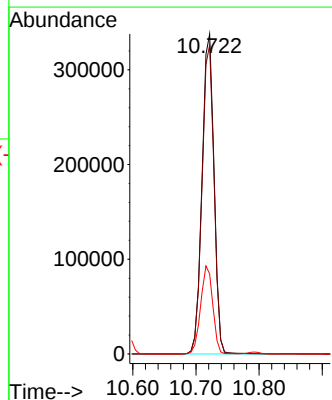
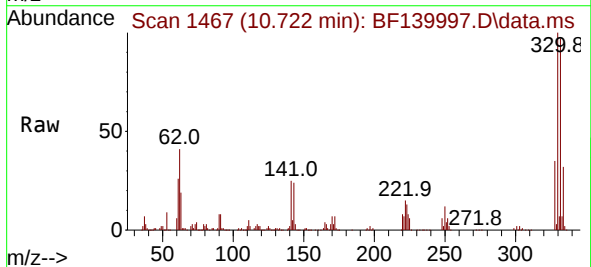
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:237 Resp: 516673
Ion Ratio Lower Upper
237 100
235 62.3 42.9 82.9
272 13.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 154.999 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:330 Resp: 445211
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 27.7 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 50.597 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

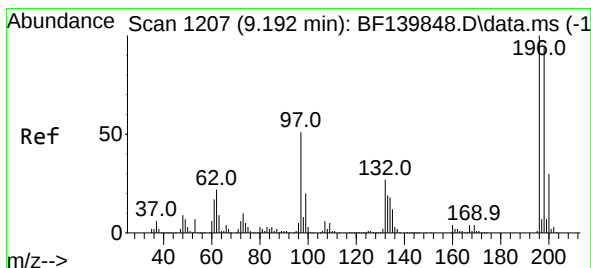
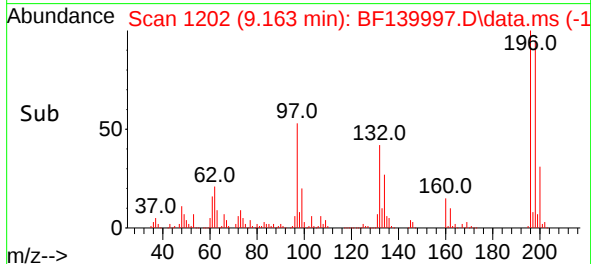
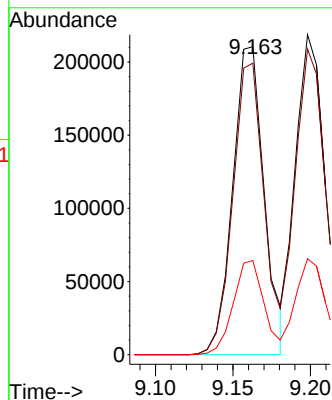
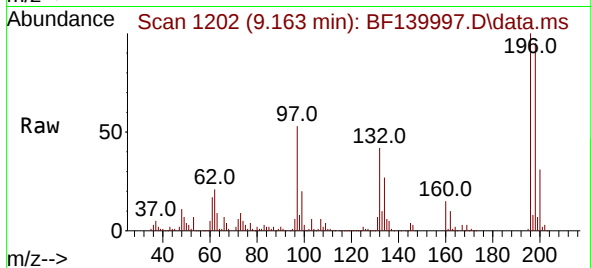
Tgt Ion:196 Resp: 296773

Ion Ratio Lower Upper

196 100

198 94.6 76.2 114.2

200 30.6 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.844 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Tgt Ion:196 Resp: 289527

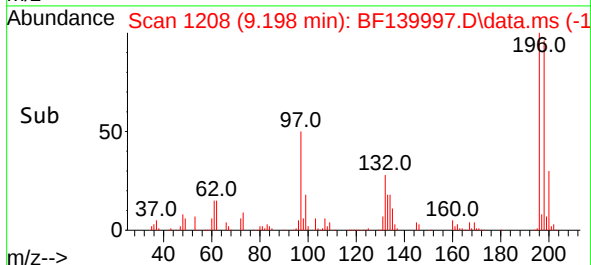
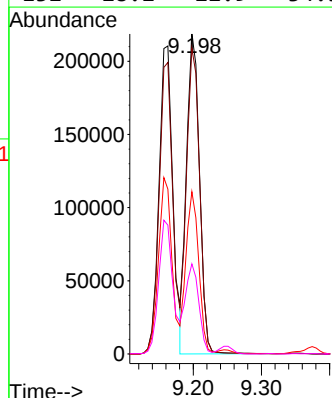
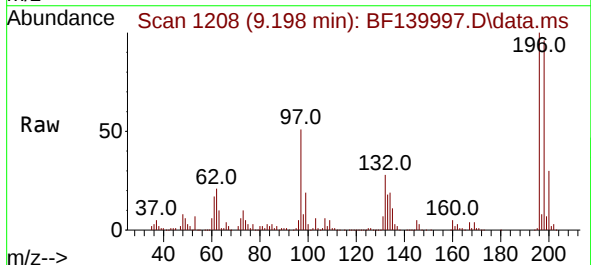
Ion Ratio Lower Upper

196 100

198 95.5 75.8 113.6

97 50.7 41.8 62.6

132 28.2 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 92.893 ng

RT: 9.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

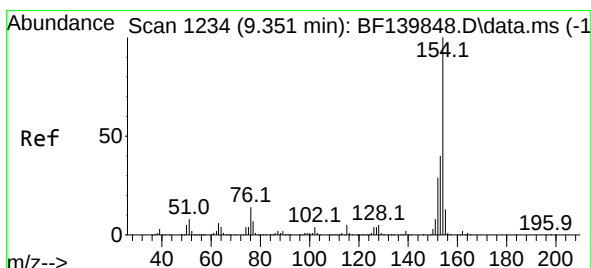
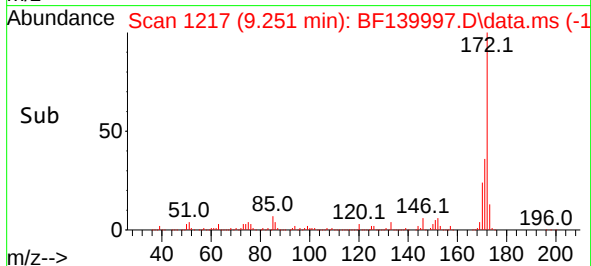
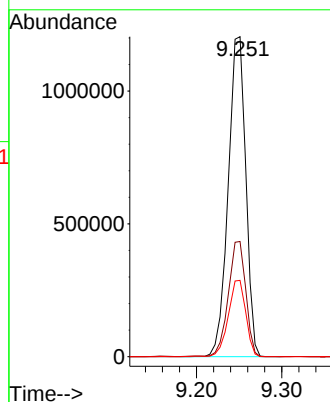
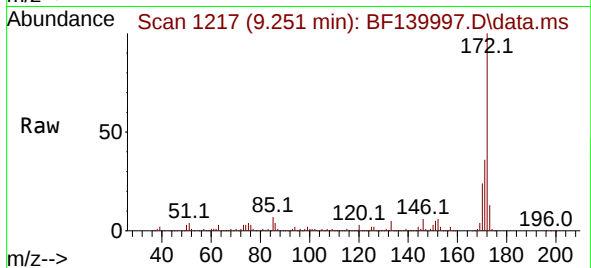
Tgt Ion:172 Resp: 1726013

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.054 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

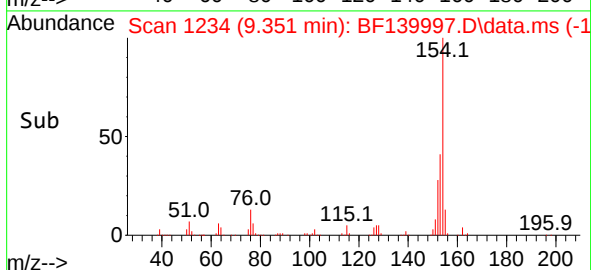
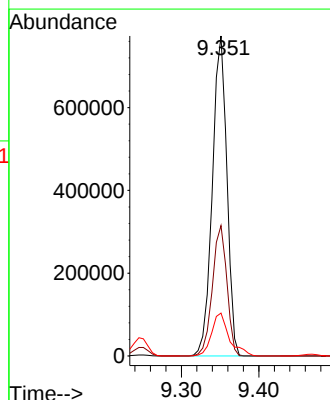
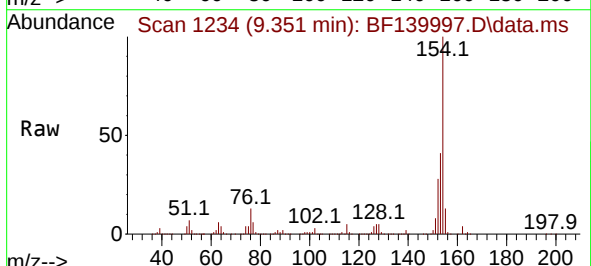
Tgt Ion:154 Resp: 1005890

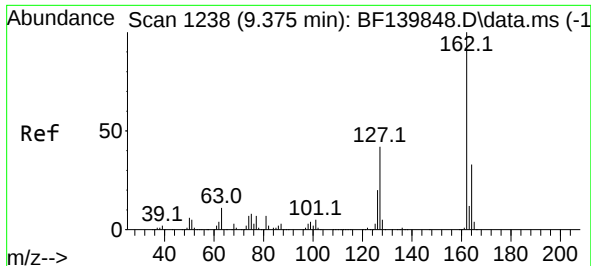
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.4 0.0 33.9

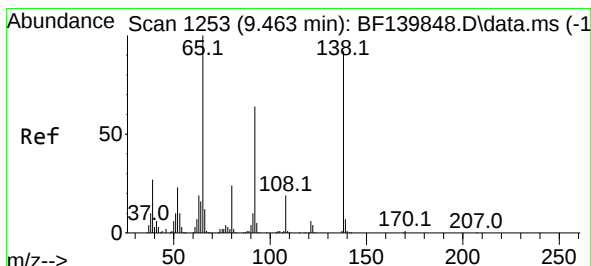
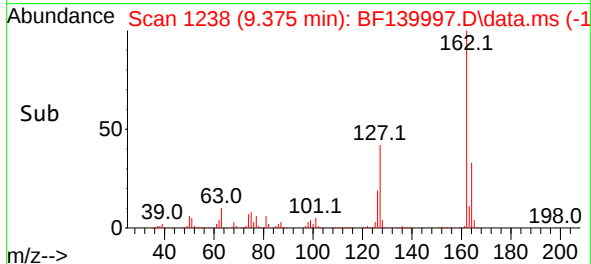
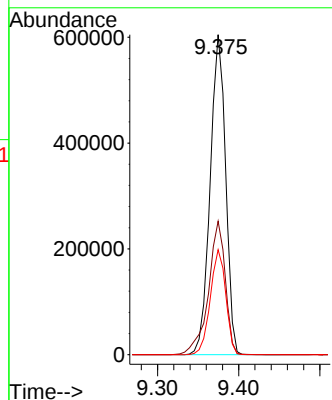
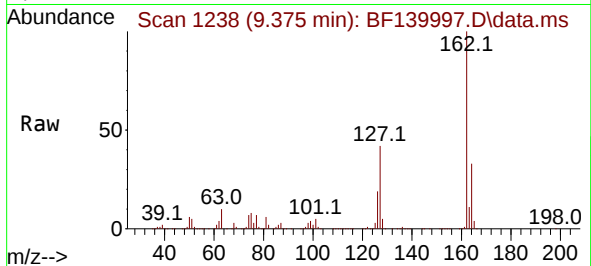




#47
2-Chloronaphthalene
Concen: 46.476 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

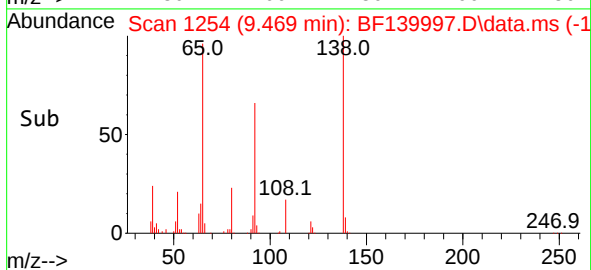
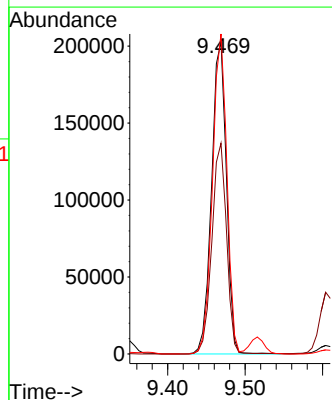
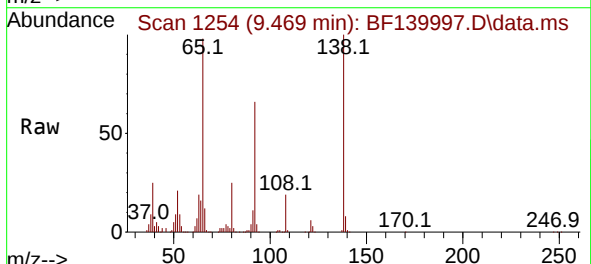
Instrument :
BNA_F
ClientSampleId :
PB164208BS

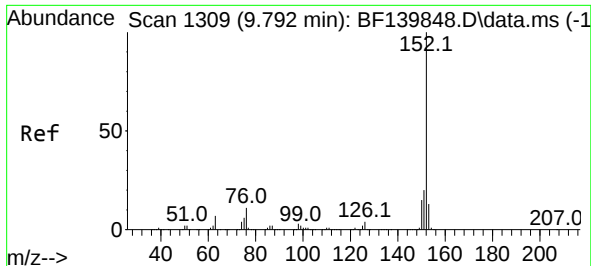
Tgt Ion:162 Resp: 800201
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.8 26.6 39.8



#48
2-Nitroaniline
Concen: 51.352 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion: 65 Resp: 270414
Ion Ratio Lower Upper
65 100
92 67.5 50.9 76.3
138 102.5 73.4 110.0





#49

Acenaphthylene

Concen: 49.661 ng

RT: 9.792 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

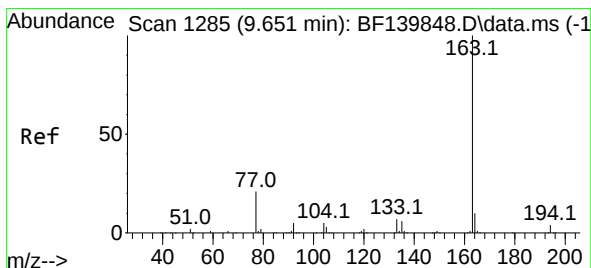
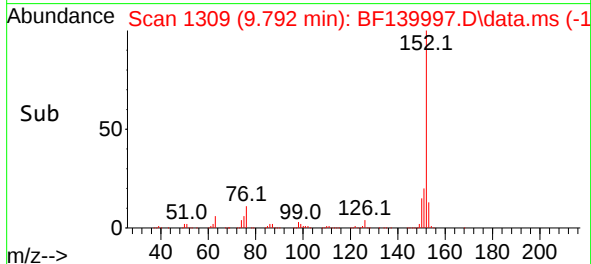
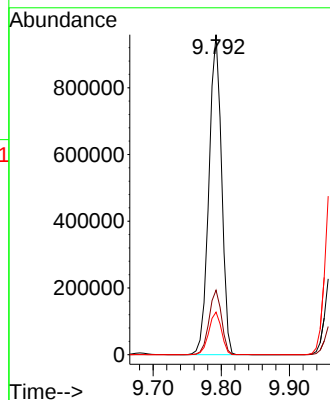
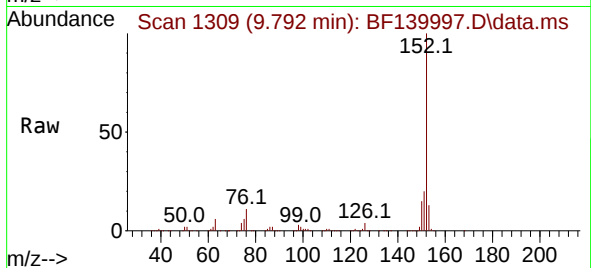
Tgt Ion:152 Resp: 1236148

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 48.172 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

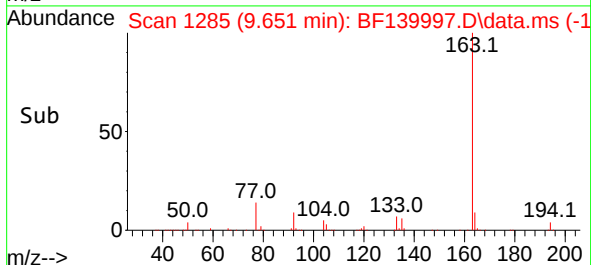
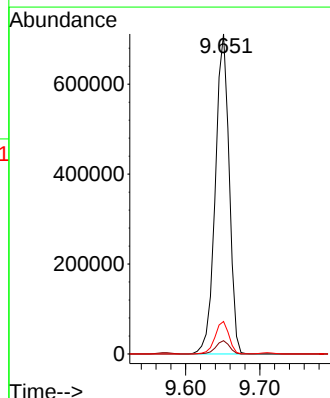
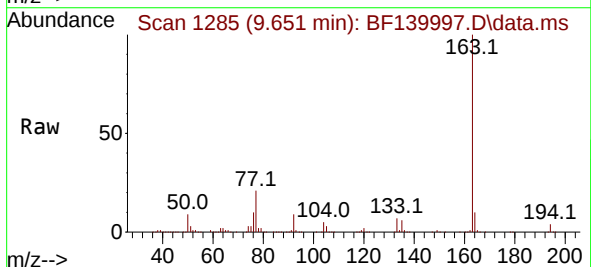
Tgt Ion:163 Resp: 921402

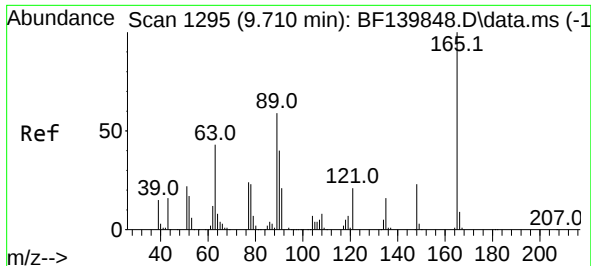
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.1 8.2 12.2

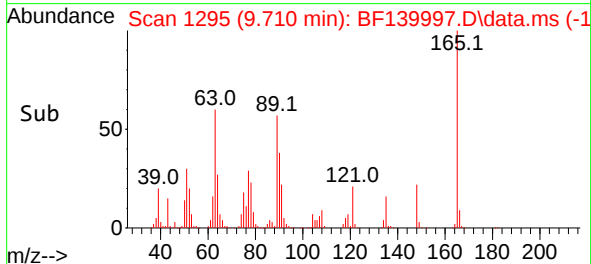
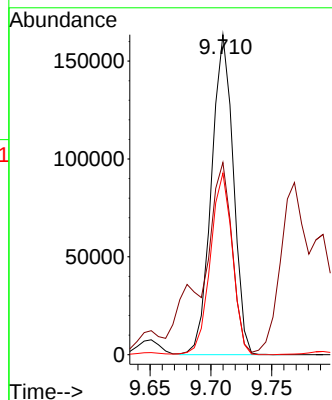
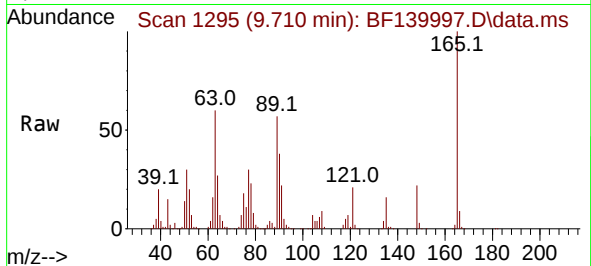




#51
2,6-Dinitrotoluene
Concen: 49.339 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

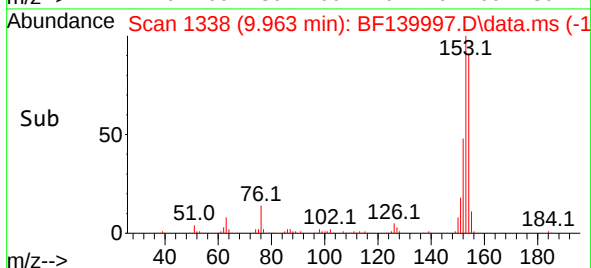
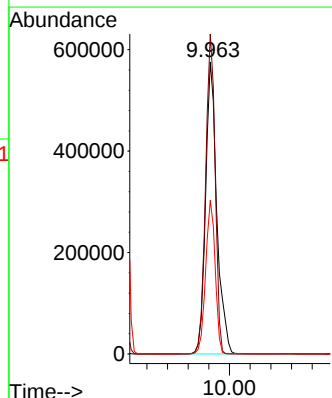
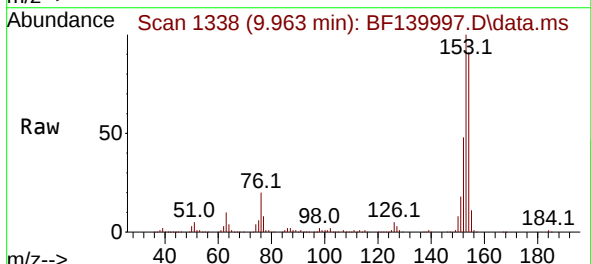
Instrument :
BNA_F
ClientSampleId :
PB164208BS

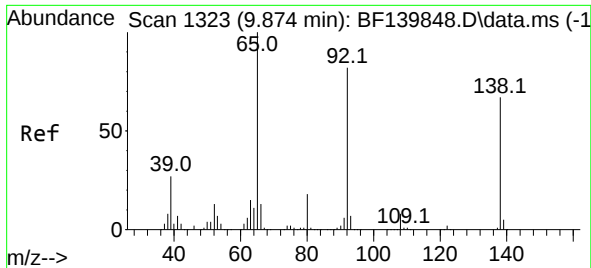
Tgt Ion:165 Resp: 204338
Ion Ratio Lower Upper
165 100
63 60.1 50.6 75.8
89 56.7 47.5 71.3



#52
Acenaphthene
Concen: 54.042 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:154 Resp: 870187
Ion Ratio Lower Upper
154 100
153 109.6 89.8 134.6
152 52.6 42.4 63.6

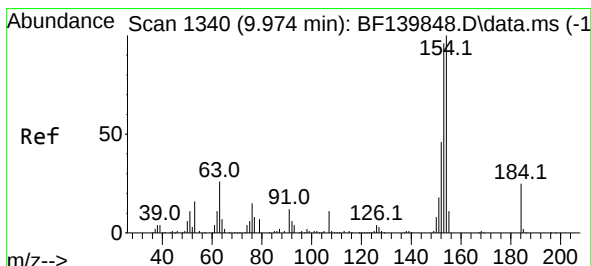
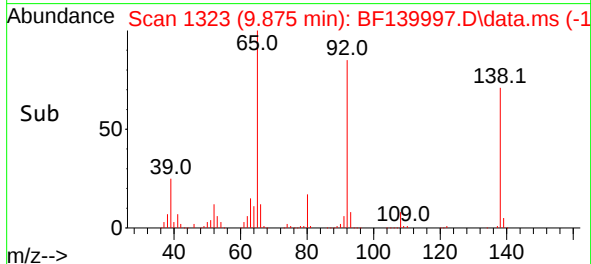
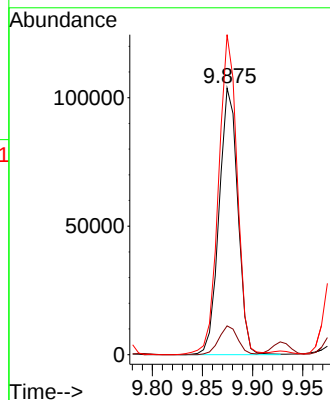
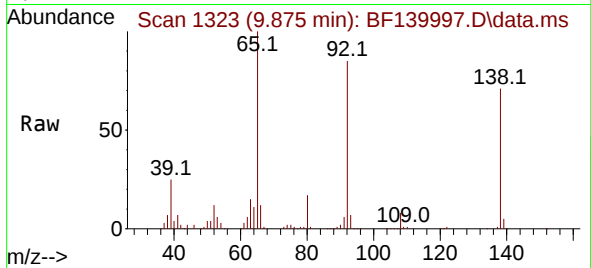




#53
3-Nitroaniline
Concen: 31.452 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

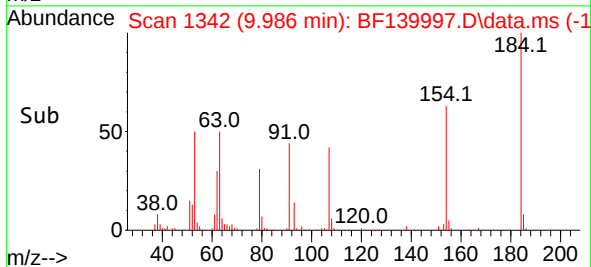
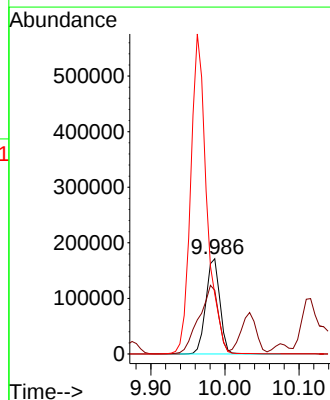
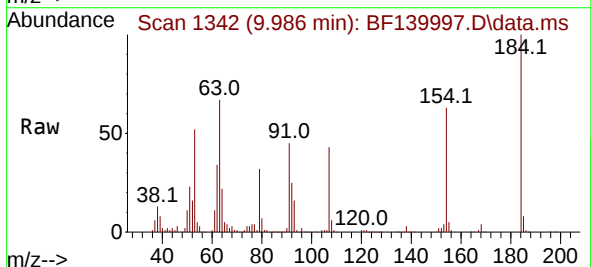
Instrument :
BNA_F
ClientSampleId :
PB164208BS

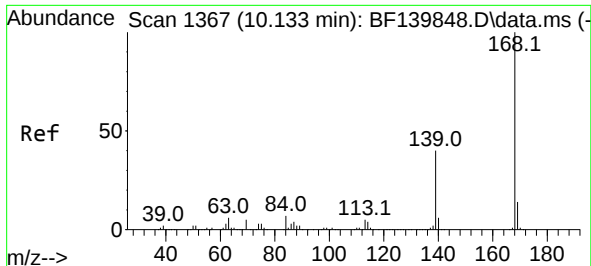
Tgt Ion:138 Resp: 134327
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 120.0 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 127.062 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:184 Resp: 225831
Ion Ratio Lower Upper
184 100
63 66.9 84.7 127.1#
154 63.1 338.2 507.2#

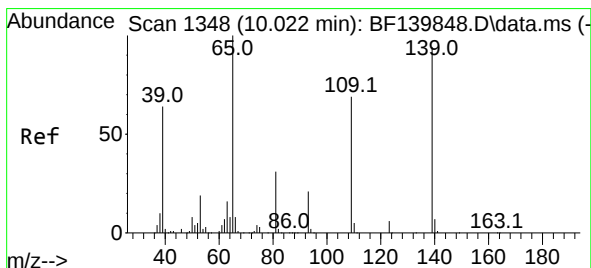
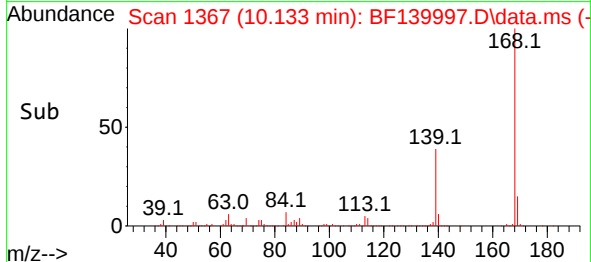
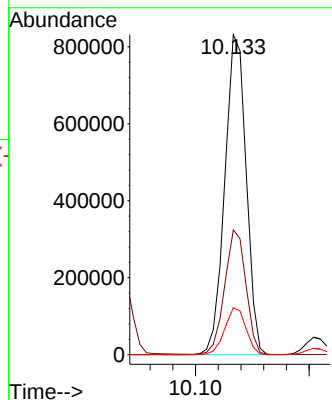
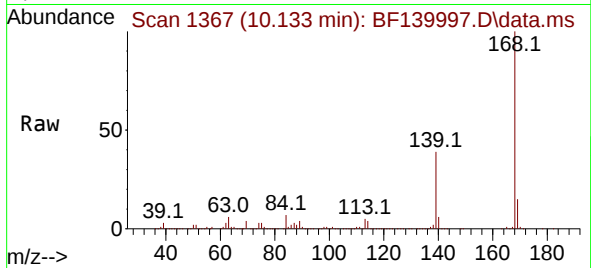




#55
Dibenzofuran
Concen: 47.118 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

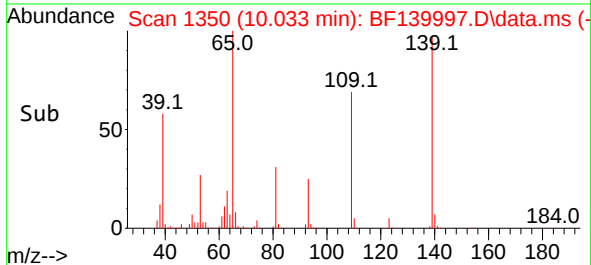
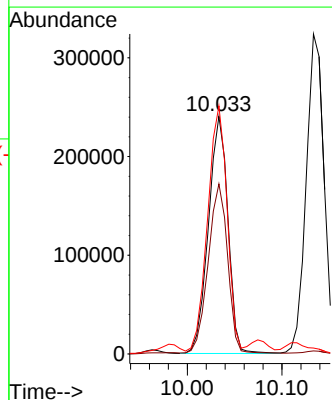
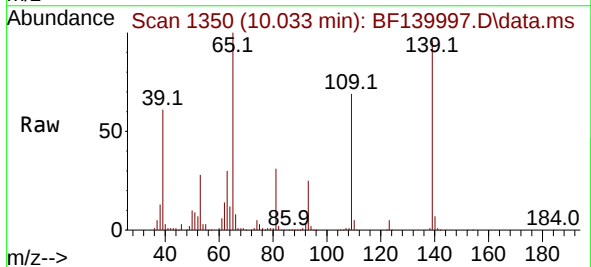
Instrument :
BNA_F
ClientSampleId :
PB164208BS

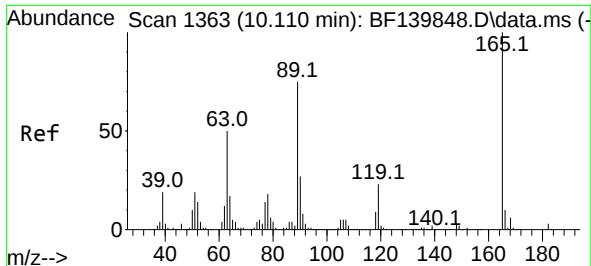
Tgt Ion:168 Resp: 1088550
Ion Ratio Lower Upper
168 100
139 39.0 31.8 47.6
169 14.6 11.6 17.4



#56
4-Nitrophenol
Concen: 104.692 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:139 Resp: 343997
Ion Ratio Lower Upper
139 100
109 71.6 53.6 93.6
65 104.4 87.8 127.8





#57

2,4-Dinitrotoluene

Concen: 54.140 ng

RT: 10.116 min Scan# 1363

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

Tgt Ion:165 Resp: 275731

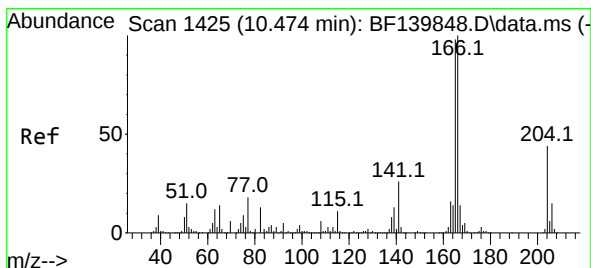
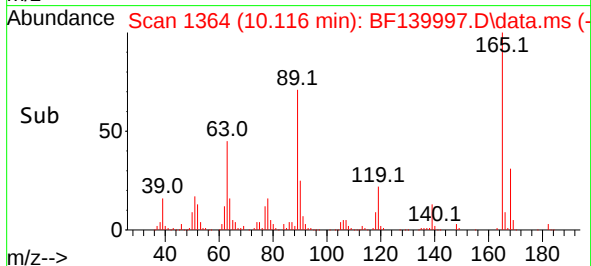
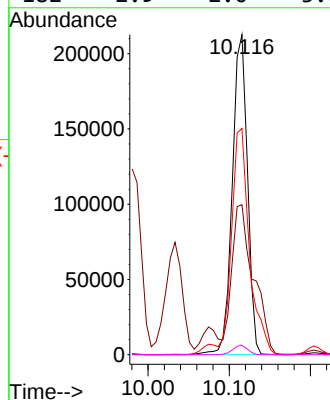
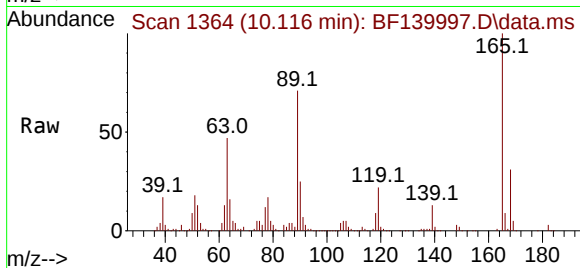
Ion Ratio Lower Upper

165 100

63 46.9 40.1 60.1

89 70.7 60.4 90.6

182 2.9 2.0 3.0



#58

Fluorene

Concen: 46.816 ng

RT: 10.480 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

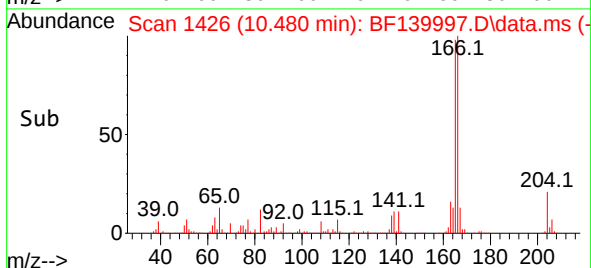
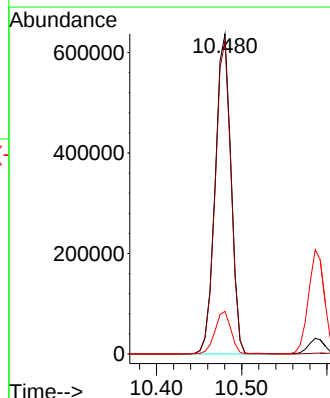
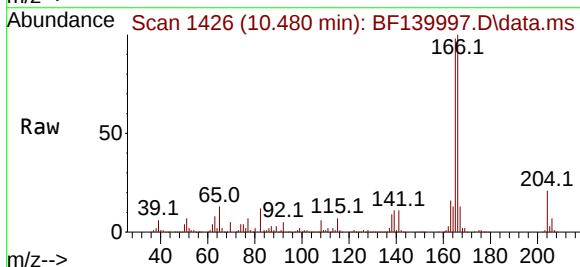
Tgt Ion:166 Resp: 823797

Ion Ratio Lower Upper

166 100

165 97.7 78.5 117.7

167 13.3 10.9 16.3

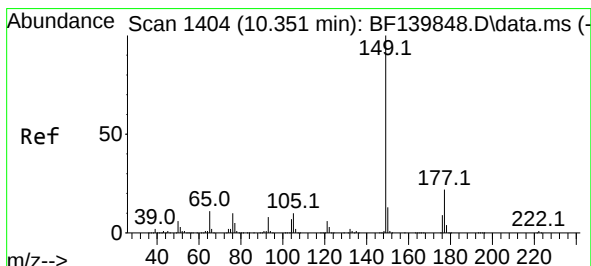
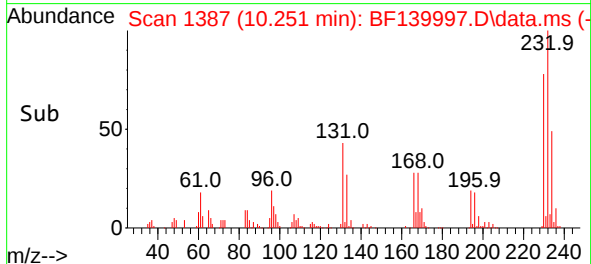
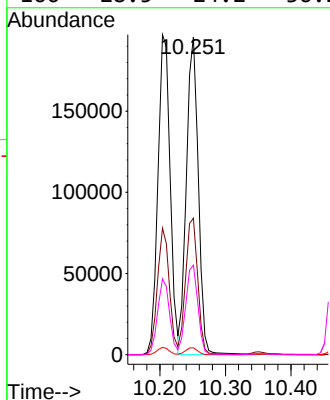
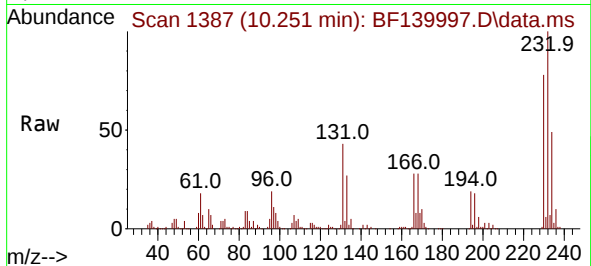




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.890 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

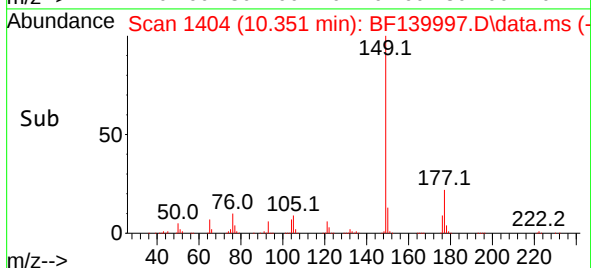
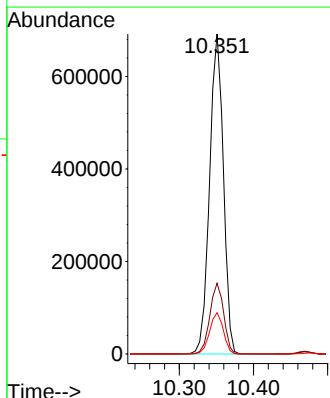
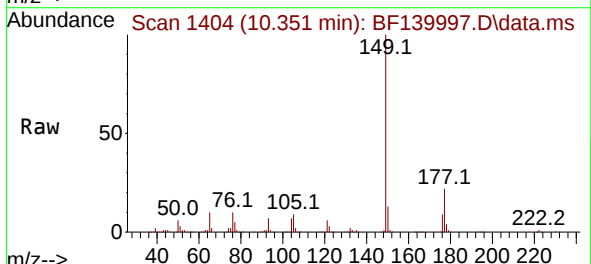
Instrument :
BNA_F
ClientSampleId :
PB164208BS

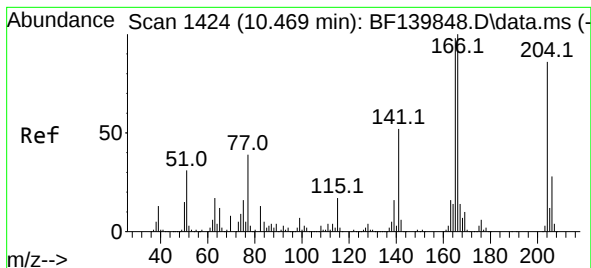
Tgt Ion:232 Resp: 246162
Ion Ratio Lower Upper
232 100
131 43.9 37.0 55.6
130 2.2 1.9 2.9
166 28.5 24.2 36.2



#60
Diethylphthalate
Concen: 47.523 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:149 Resp: 892502
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.9 10.1 15.1

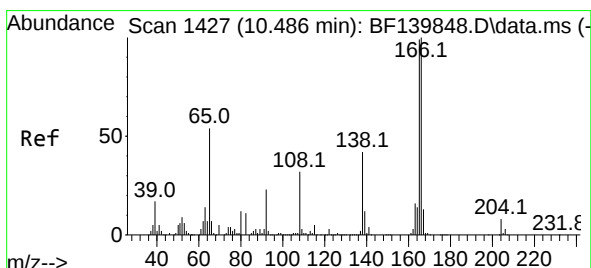
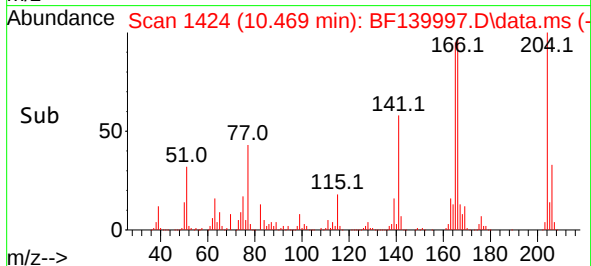
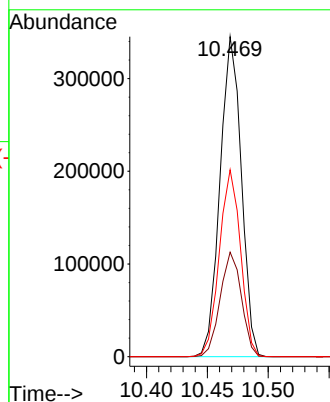
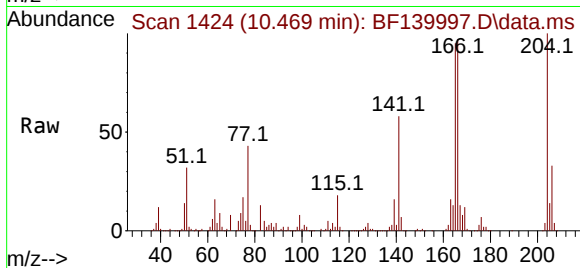




#61
4-Chlorophenyl-phenylether
Concen: 47.392 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

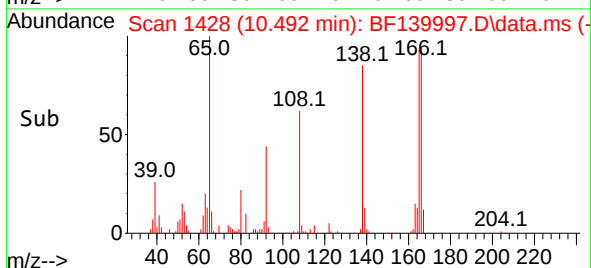
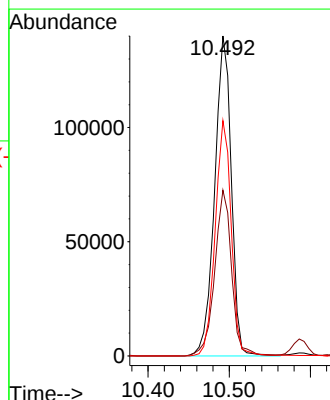
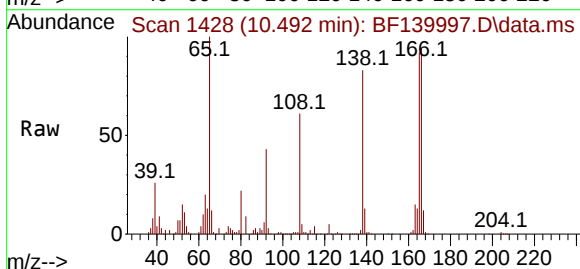
Instrument :
BNA_F
ClientSampleId :
PB164208BS

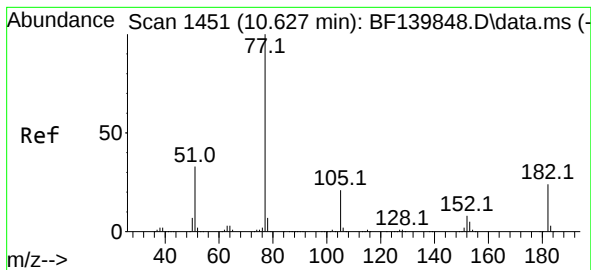
Tgt Ion:204 Resp: 421137
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 58.4 48.6 73.0



#62
4-Nitroaniline
Concen: 49.590 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:138 Resp: 200030
Ion Ratio Lower Upper
138 100
92 51.8 35.7 75.7
108 73.6 57.5 97.5

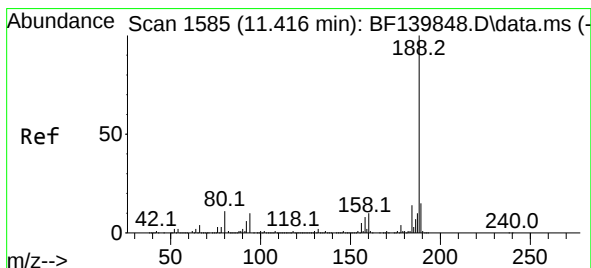
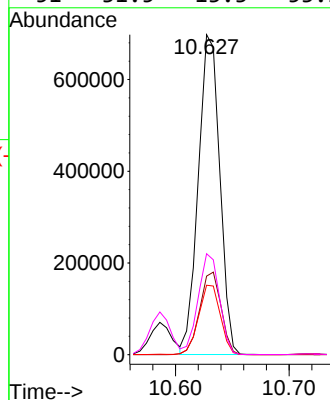
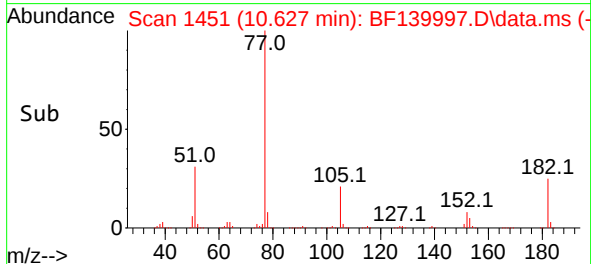
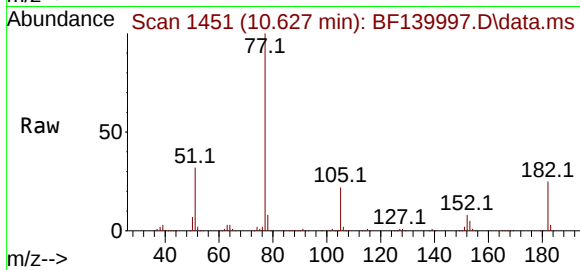




#63
Azobenzene
Concen: 46.084 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

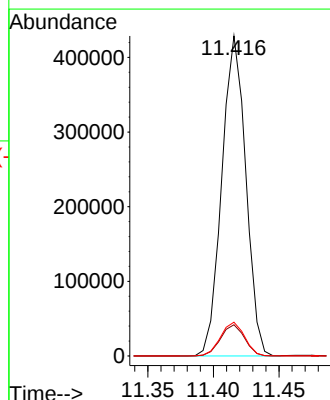
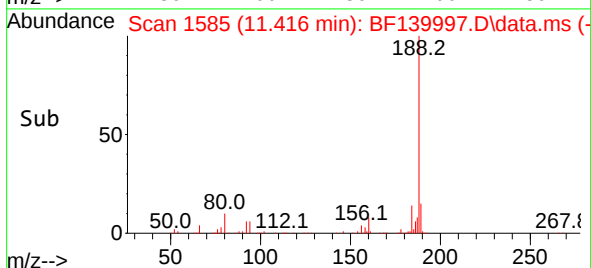
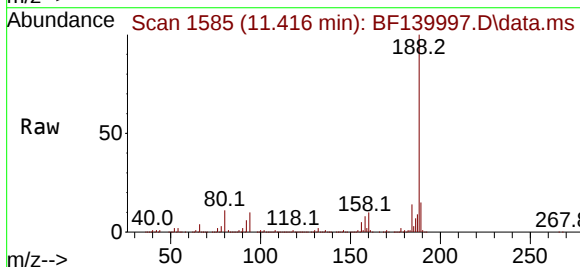
Instrument :
BNA_F
ClientSampleId :
PB164208BS

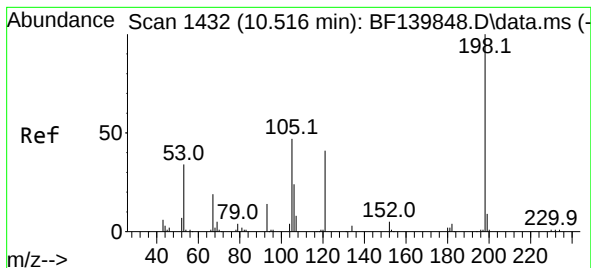
Tgt Ion:	77	Resp:	917547
Ion	Ratio	Lower	Upper
77	100		
182	24.5	3.3	43.3
105	21.7	1.2	41.2
51	31.5	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:	188	Resp:	545635
Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.9	11.9
80	10.6	9.0	13.4

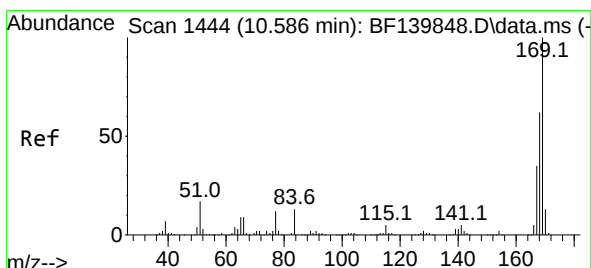
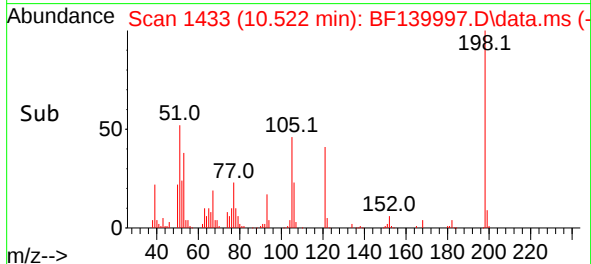
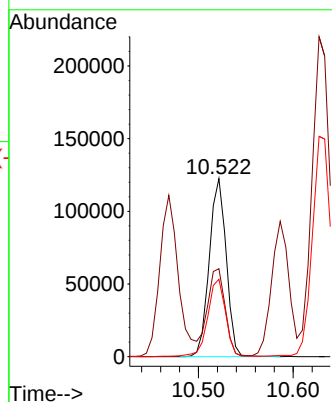
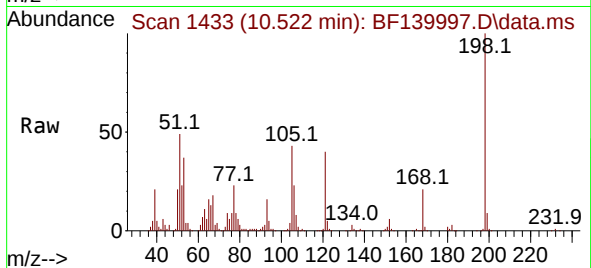




#65
4,6-Dinitro-2-methylphenol
Concen: 68.266 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

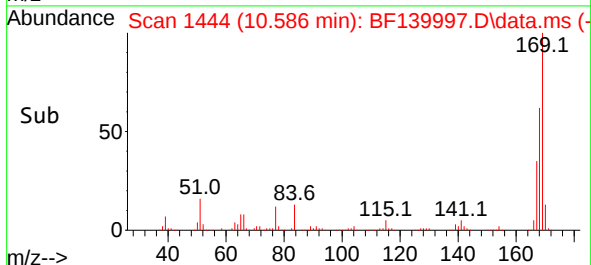
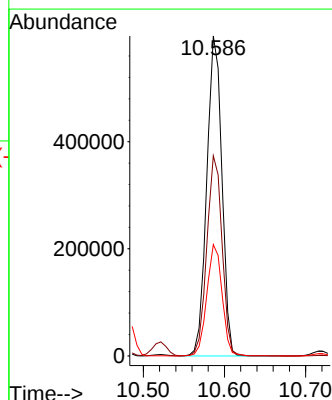
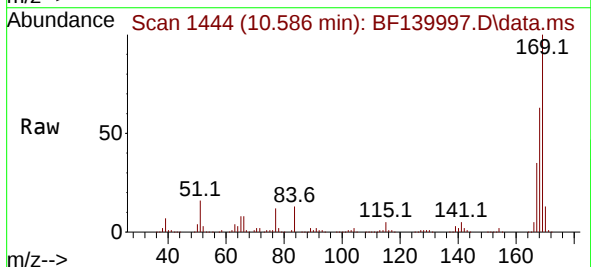
Instrument :
BNA_F
ClientSampleId :
PB164208BS

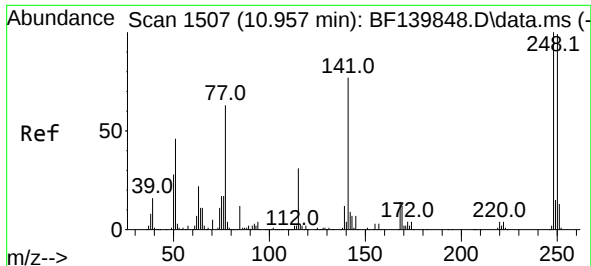
Tgt Ion:198 Resp: 151935
Ion Ratio Lower Upper
198 100
51 49.4 38.2 78.2
105 43.5 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 47.121 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:169 Resp: 769526
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.8 28.0 42.0

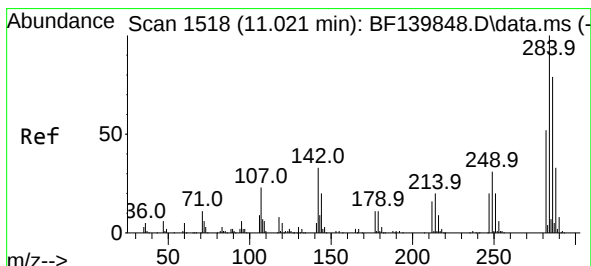
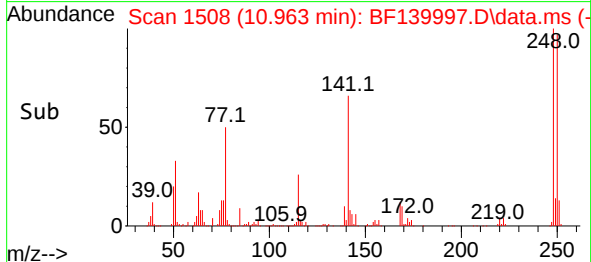
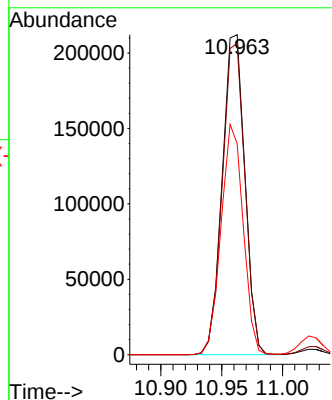
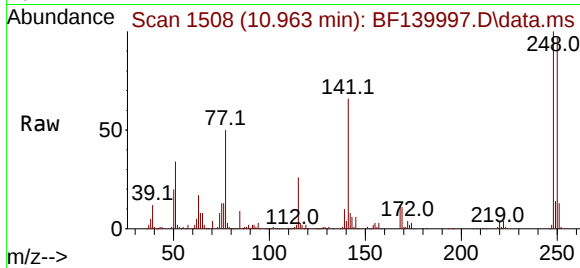




#67
4-Bromophenyl-phenylether
Concen: 48.961 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

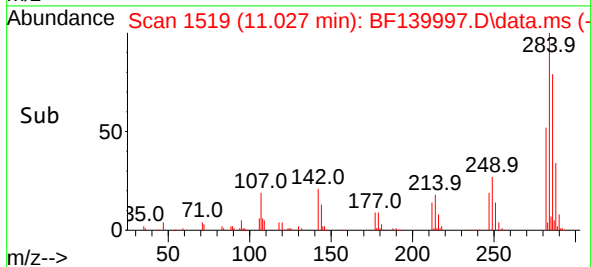
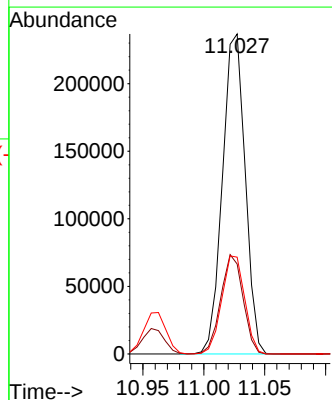
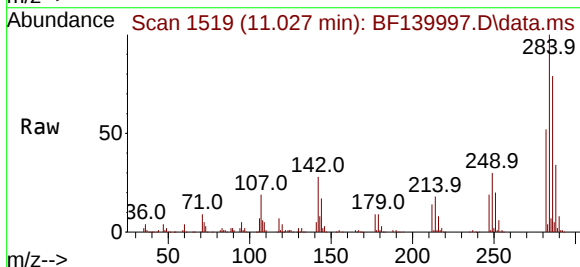
Instrument :
BNA_F
ClientSampleId :
PB164208BS

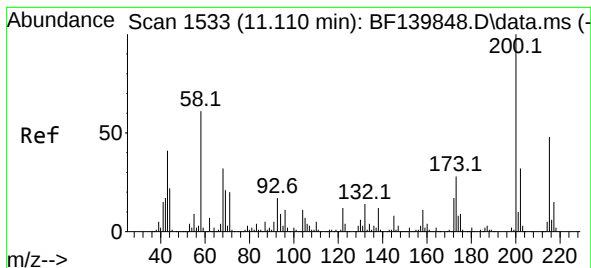
Tgt Ion:248 Resp: 275211
Ion Ratio Lower Upper
248 100
250 97.3 79.0 118.6
141 65.9 61.7 92.5



#68
Hexachlorobenzene
Concen: 48.638 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:284 Resp: 307480
Ion Ratio Lower Upper
284 100
142 28.1 26.9 40.3
249 30.3 25.3 37.9





#69

Atrazine

Concen: 56.833 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

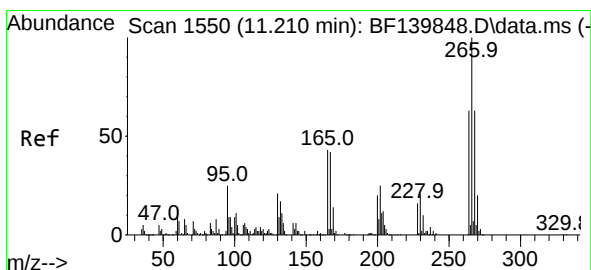
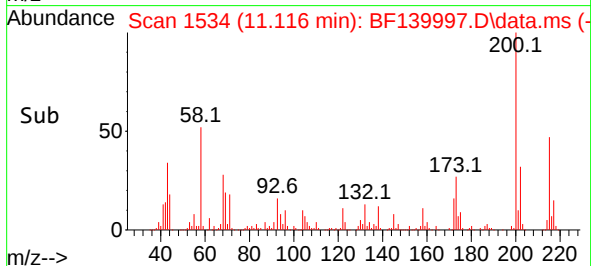
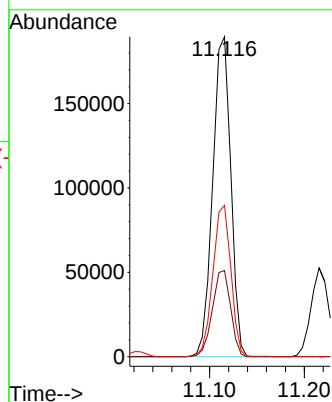
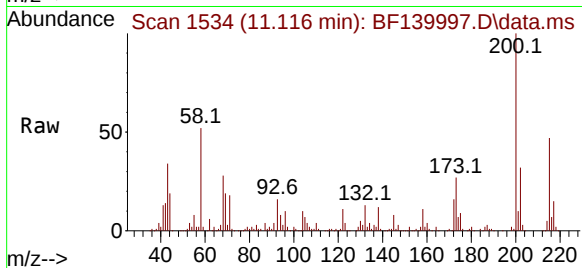
Tgt Ion:200 Resp: 251414

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.3 27.7 67.7



#70

Pentachlorophenol

Concen: 99.824 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

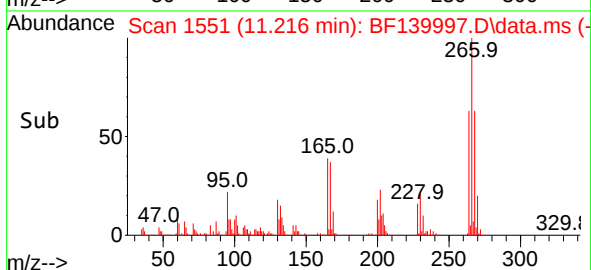
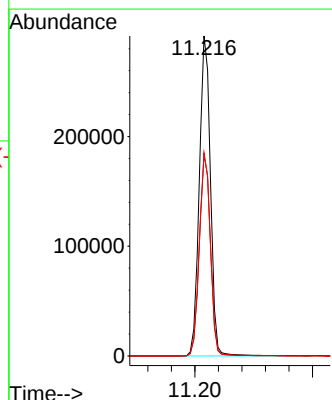
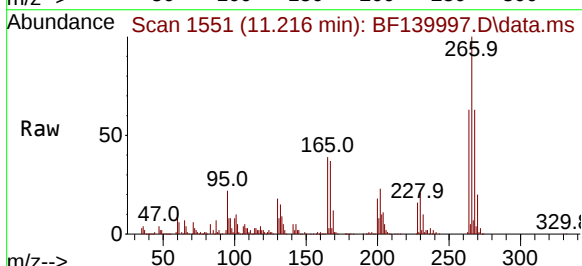
Tgt Ion:266 Resp: 383001

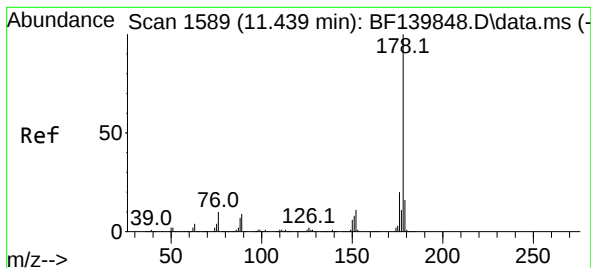
Ion Ratio Lower Upper

266 100

268 63.0 50.4 75.6

264 63.5 50.6 75.8





#71

Phenanthrene

Concen: 47.448 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

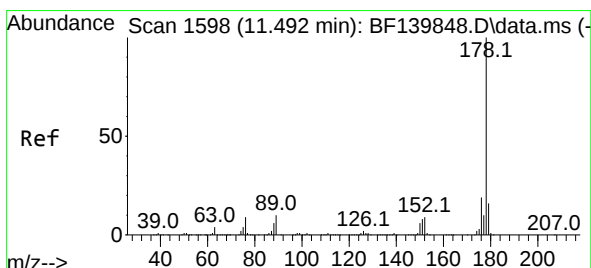
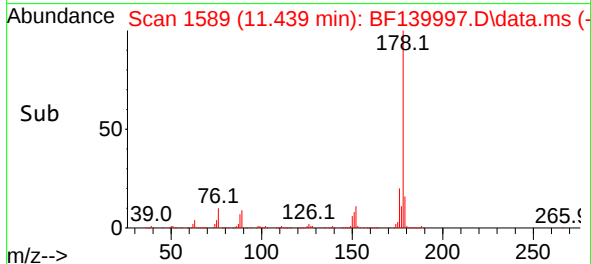
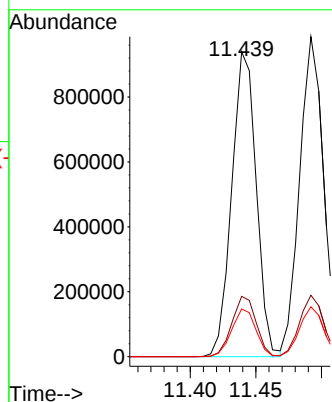
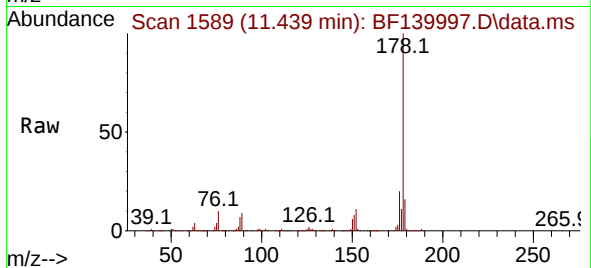
Tgt Ion:178 Resp: 1222910

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

179 15.6 12.6 18.8



#72

Anthracene

Concen: 49.306 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

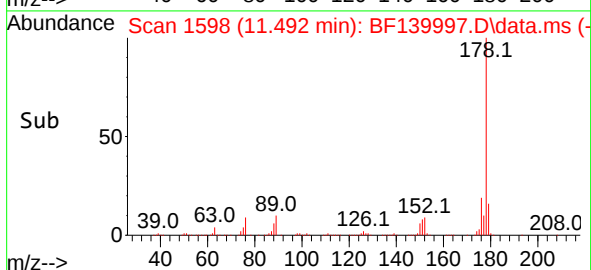
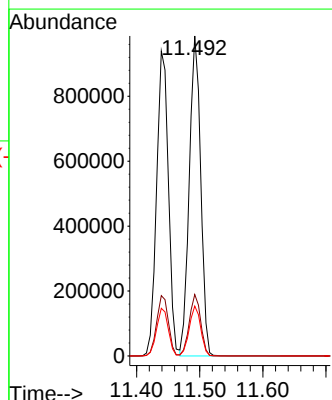
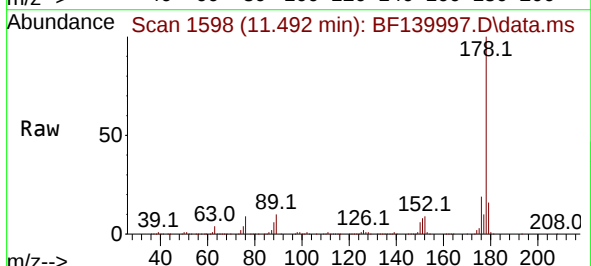
Tgt Ion:178 Resp: 1239887

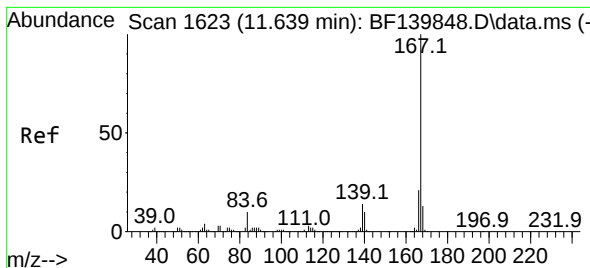
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.4 18.6





#73

Carbazole

Concen: 45.747 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

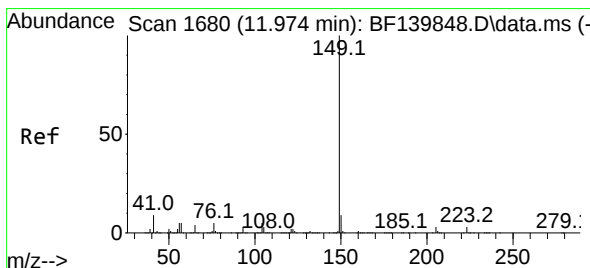
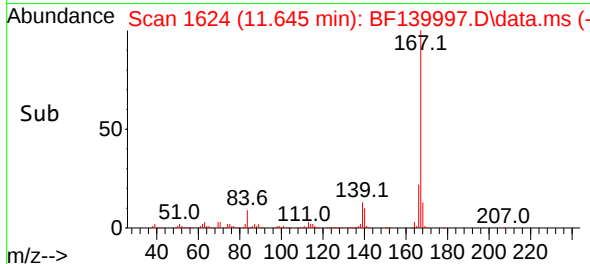
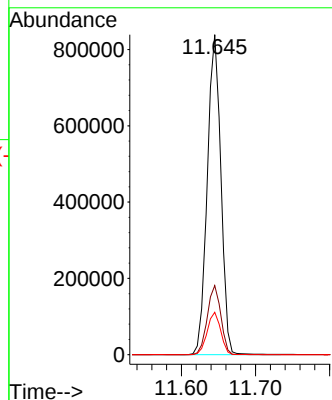
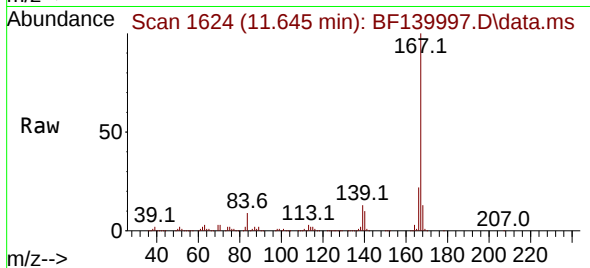
Tgt Ion:167 Resp: 1069883

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.2 10.8 16.2



#74

Di-n-butylphthalate

Concen: 47.887 ng

RT: 11.974 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

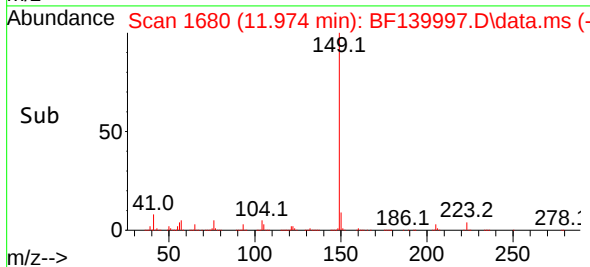
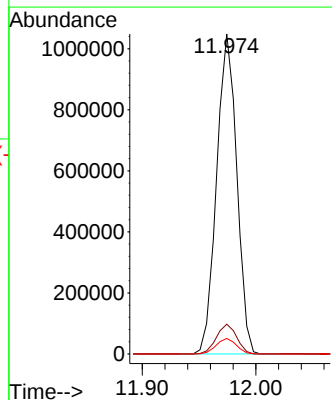
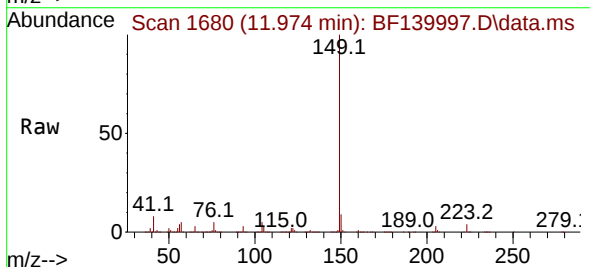
Tgt Ion:149 Resp: 1293914

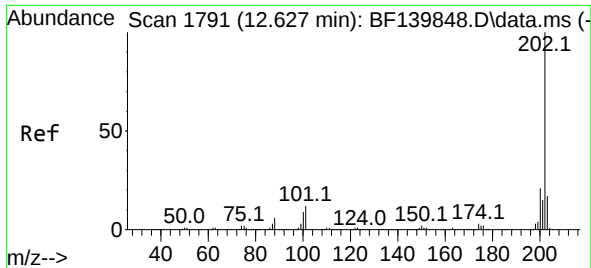
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.9 4.1 6.1

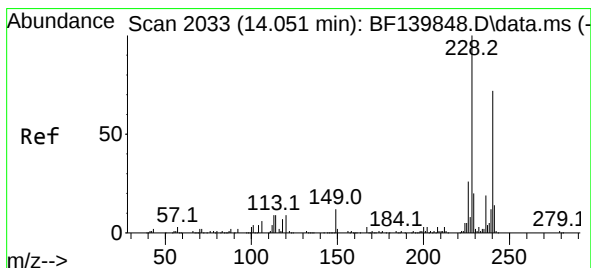
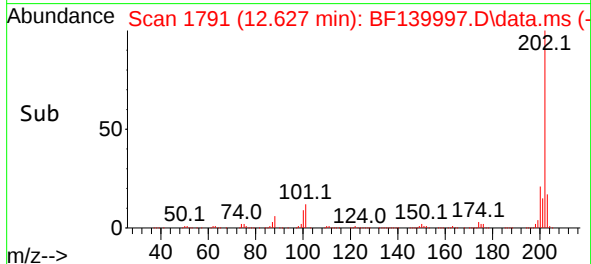
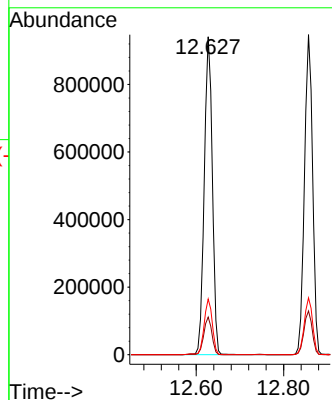
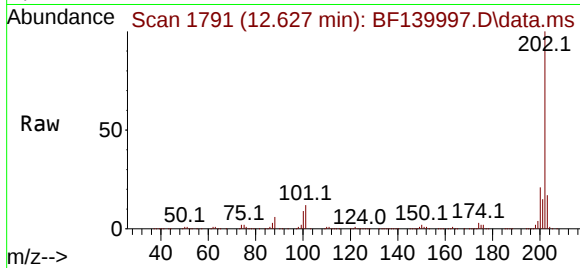




#75
Fluoranthene
Concen: 46.548 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

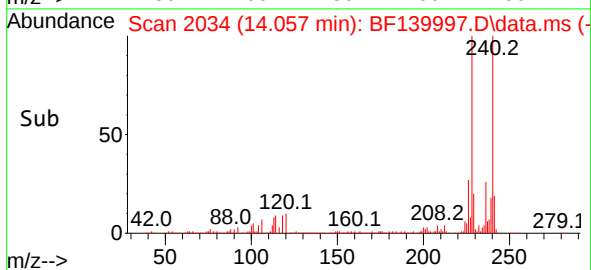
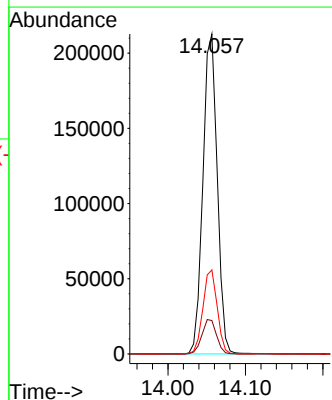
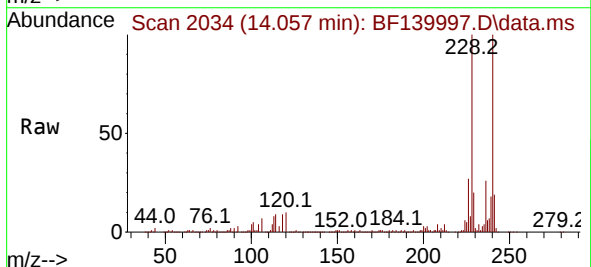
Instrument :
BNA_F
ClientSampleId :
PB164208BS

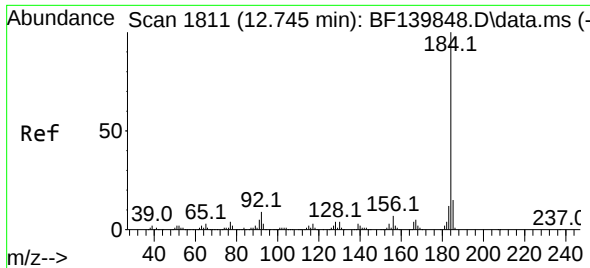
Tgt Ion:202 Resp: 1212798
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:240 Resp: 272685
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.2 20.9 31.3

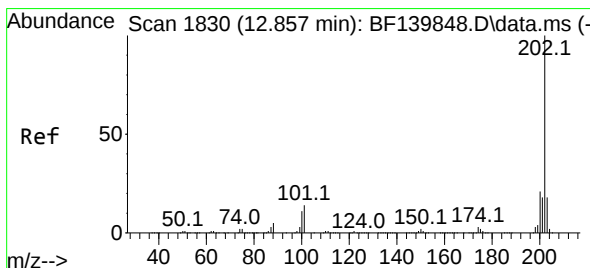
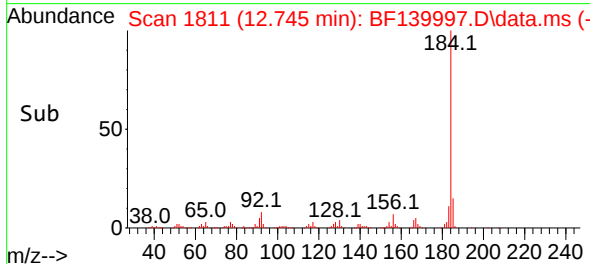
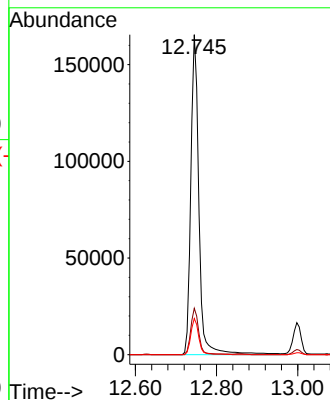
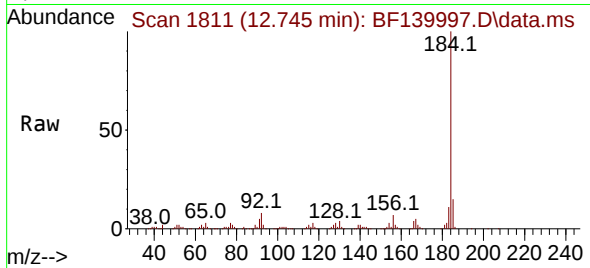




#77
Benzidine
Concen: 51.110 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

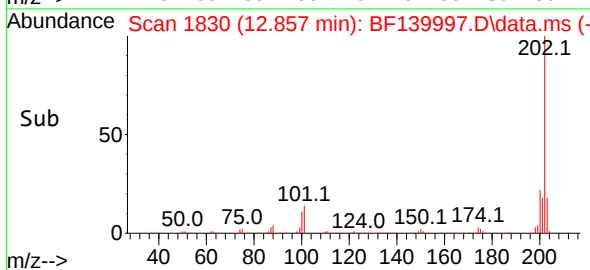
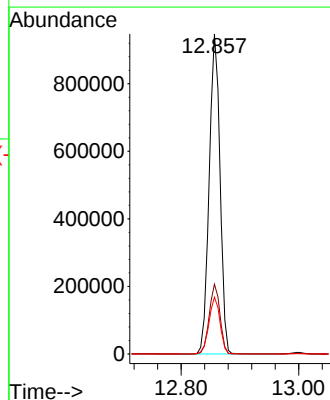
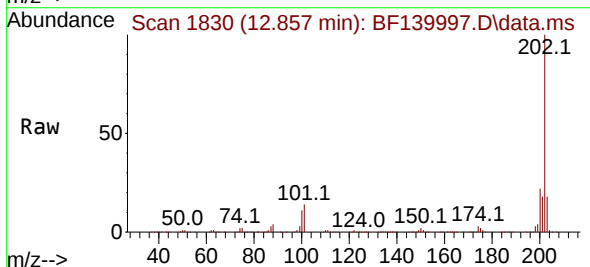
Instrument :
BNA_F
ClientSampleId :
PB164208BS

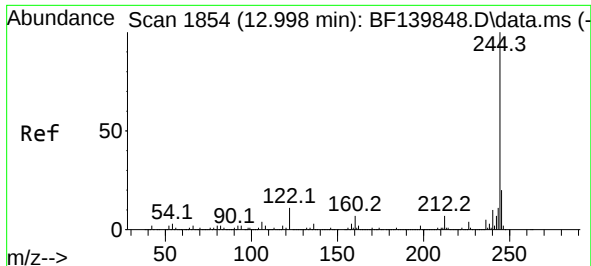
Tgt Ion:184 Resp: 229171
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.3 9.4 14.2



#78
Pyrene
Concen: 50.862 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:202 Resp: 1214033
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.8 14.2 21.4

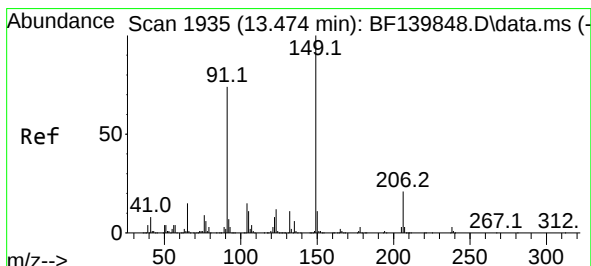
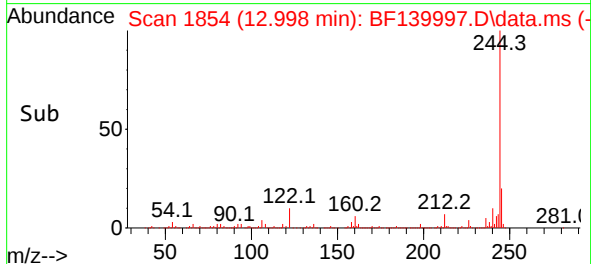
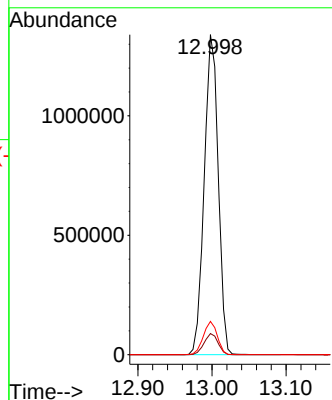
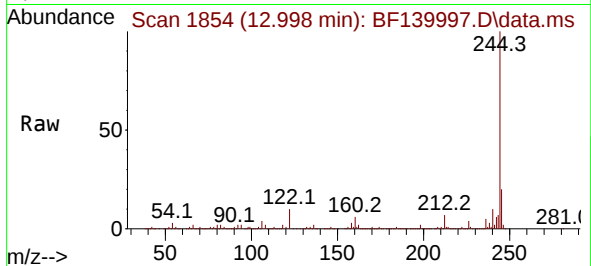




#79
 Terphenyl-d14
 Concen: 105.040 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139997.D
 Acq: 24 Oct 2024 13:21

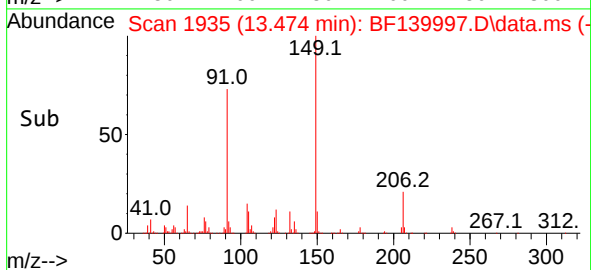
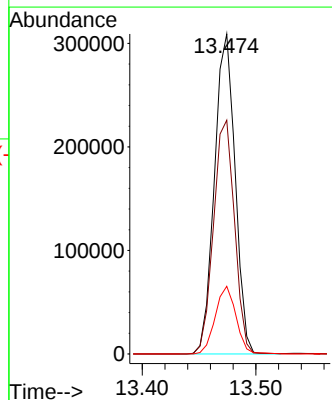
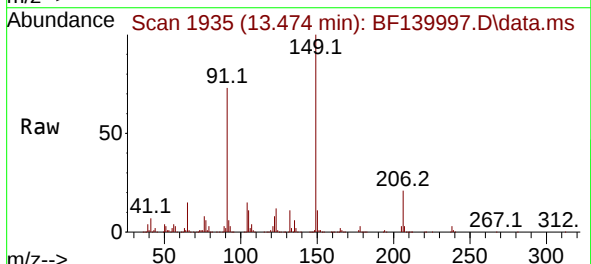
Instrument :
 BNA_F
 ClientSampleId :
 PB164208BS

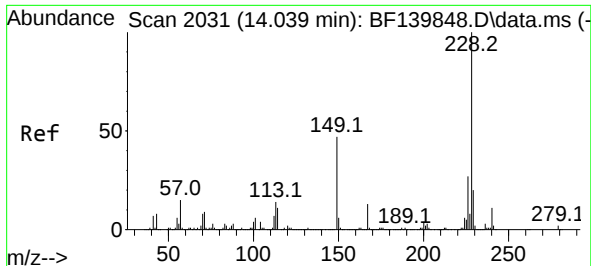
Tgt Ion:244 Resp: 1757783
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.4 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 54.620 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139997.D
 Acq: 24 Oct 2024 13:21

Tgt Ion:149 Resp: 390860
 Ion Ratio Lower Upper
 149 100
 91 73.1 59.4 89.2
 206 21.2 16.4 24.6

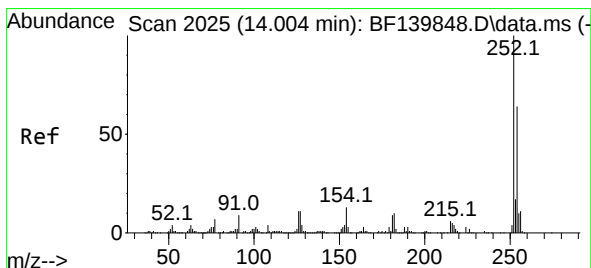
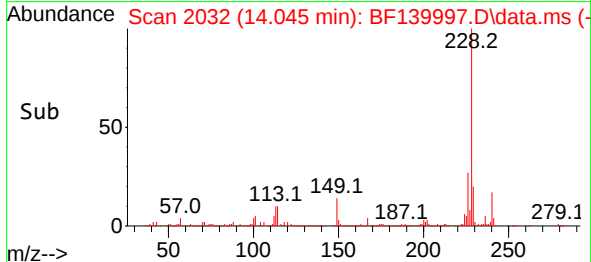
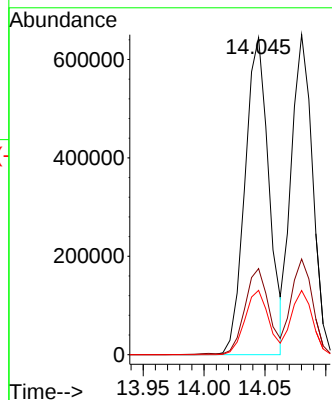
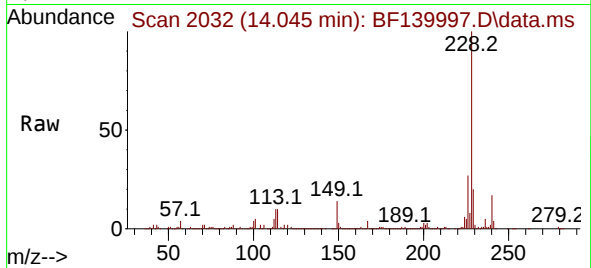




#81
Benzo(a)anthracene
Concen: 49.880 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

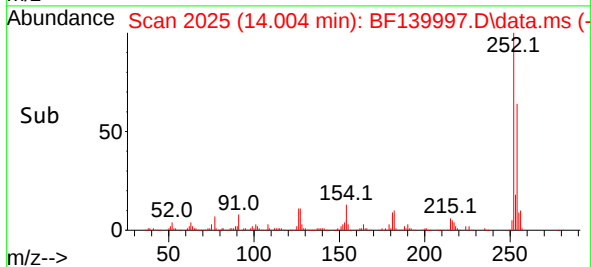
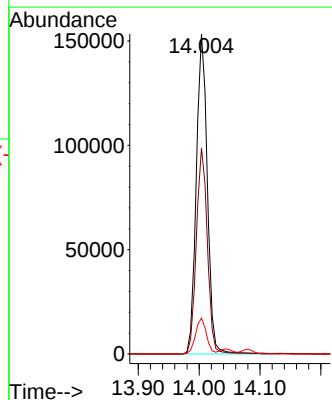
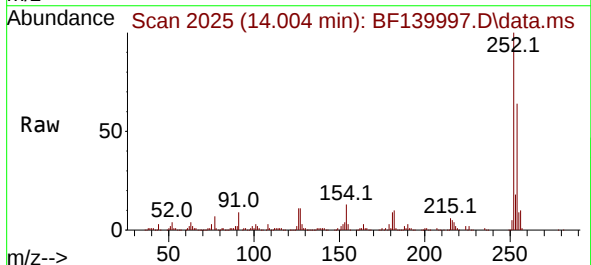
Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:228 Resp: 885407
Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 20.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 37.436 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:252 Resp: 193751
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 11.2 8.9 13.3





#83

Chrysene

Concen: 48.725 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

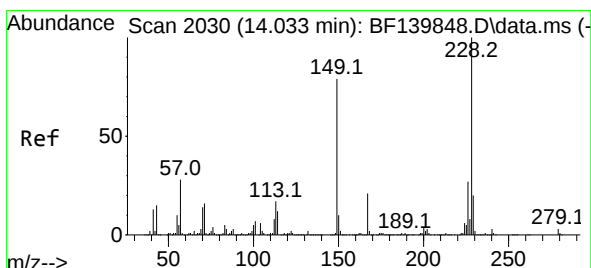
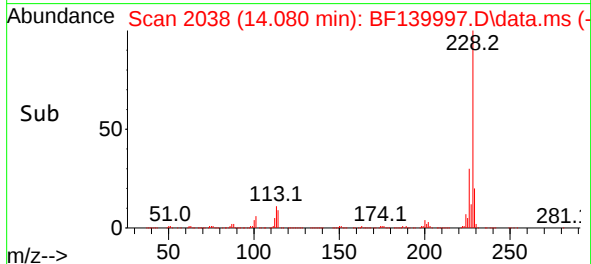
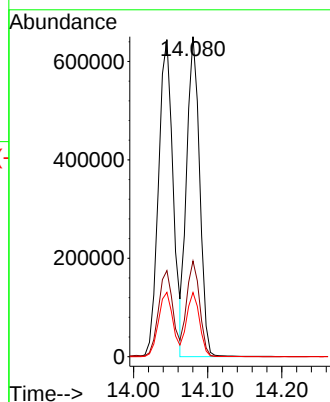
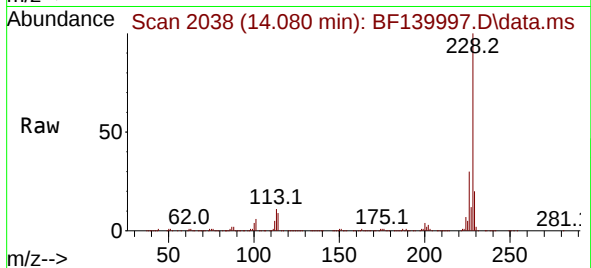
Tgt Ion:228 Resp: 793014

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.037 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

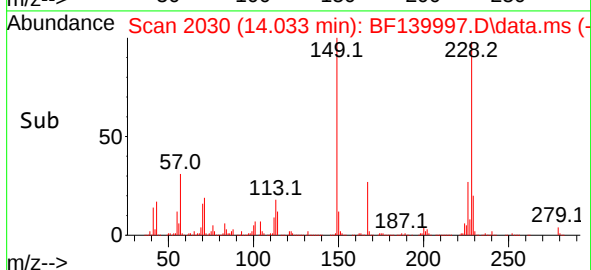
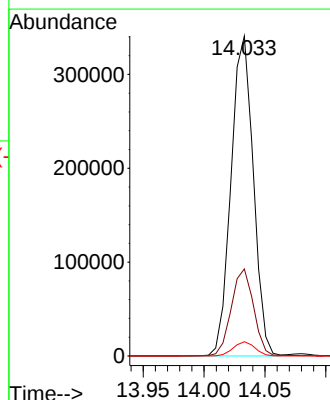
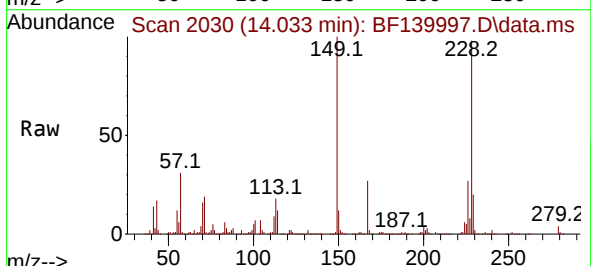
Tgt Ion:149 Resp: 433847

Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.5 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 49.097 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

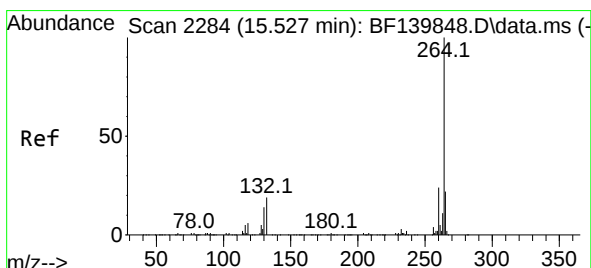
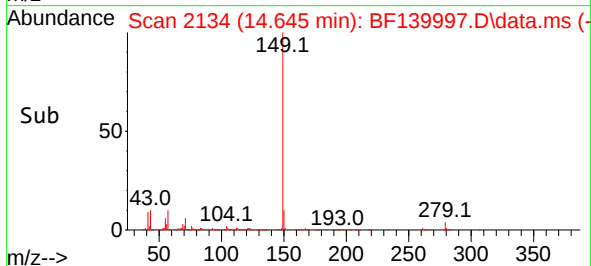
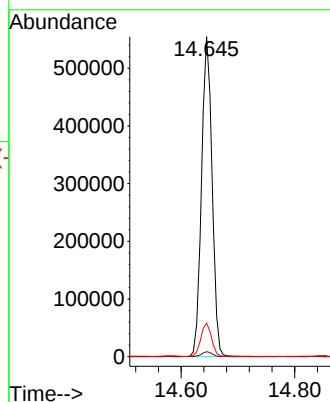
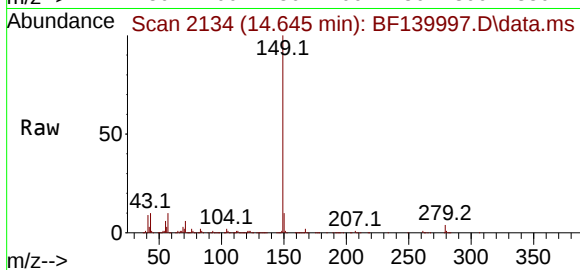
Tgt Ion:149 Resp: 716965

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.4 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

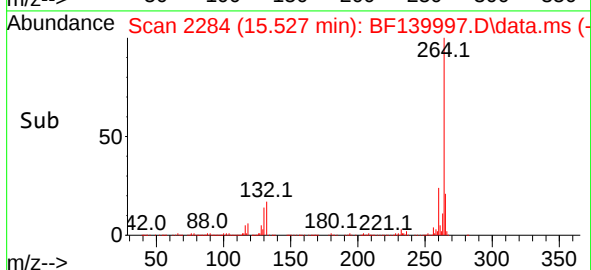
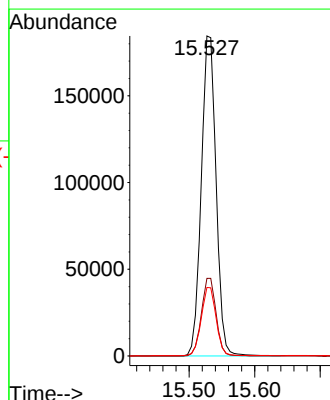
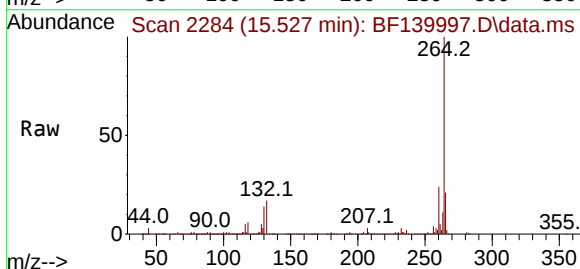
Tgt Ion:264 Resp: 290439

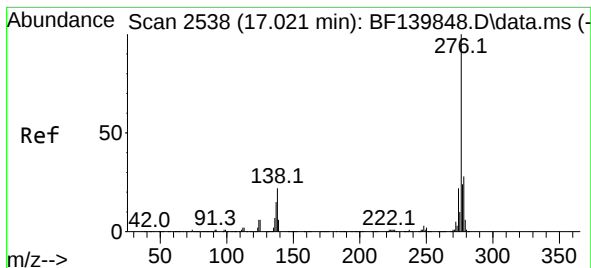
Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 55.769 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

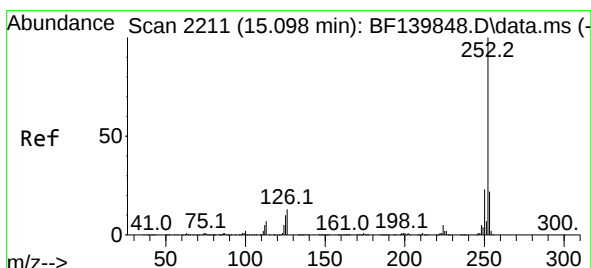
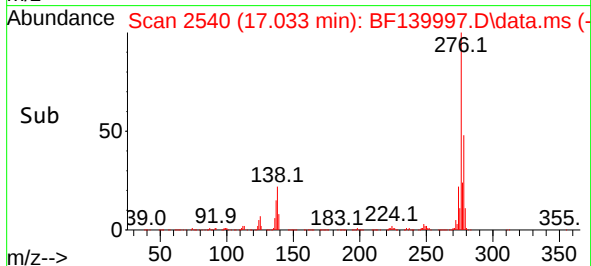
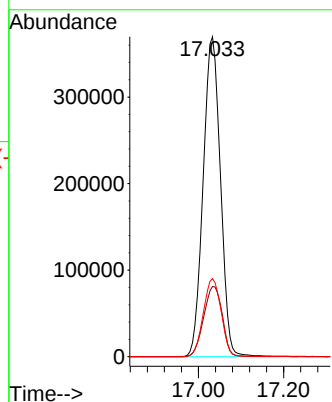
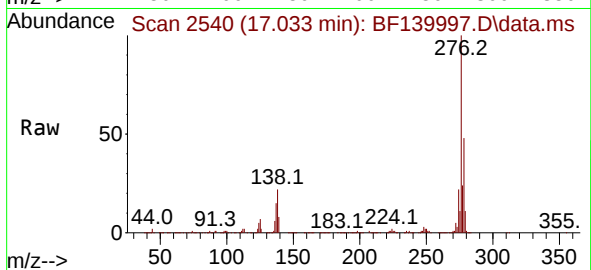
Tgt Ion:276 Resp: 1042017

Ion Ratio Lower Upper

276 100

138 23.7 20.4 30.6

277 25.1 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 43.220 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

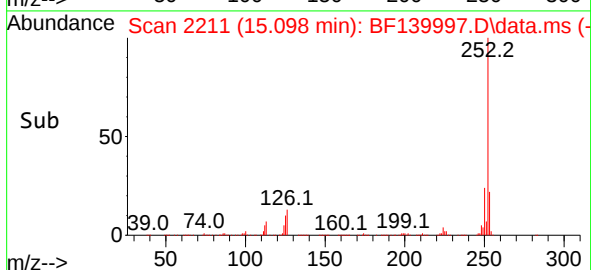
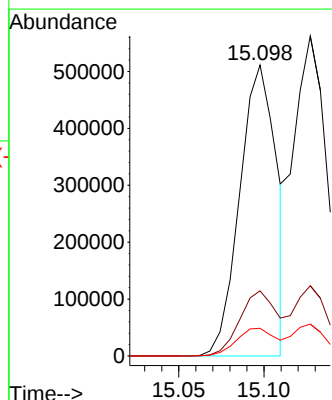
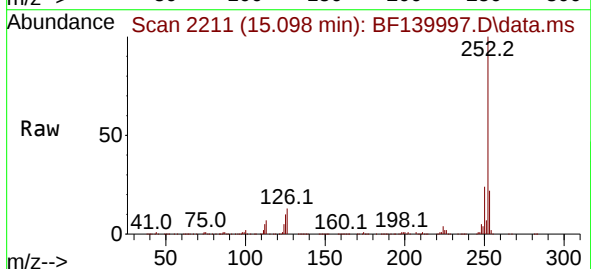
Tgt Ion:252 Resp: 764657

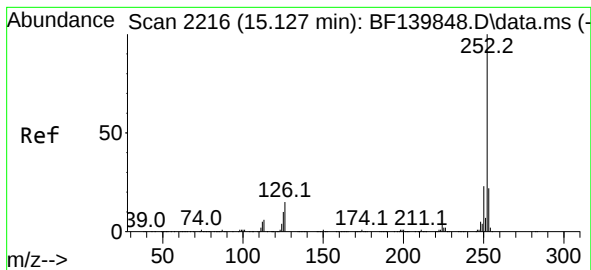
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 9.5 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 50.820 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

Instrument :

BNA_F

ClientSampleId :

PB164208BS

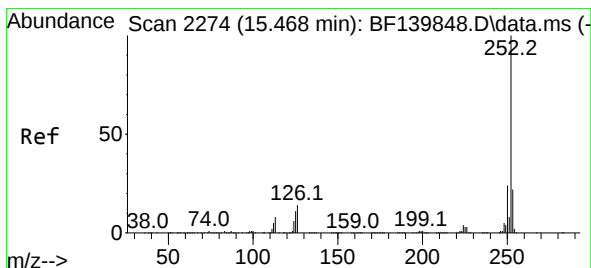
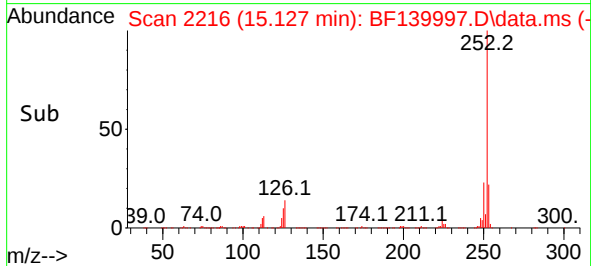
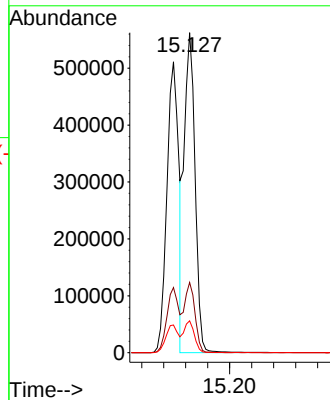
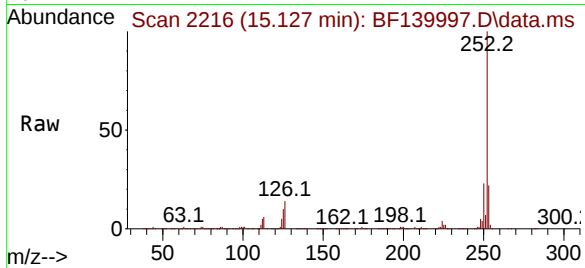
Tgt Ion:252 Resp: 775417

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.0 7.9 11.9



#90

Benzo(a)pyrene

Concen: 52.439 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139997.D

Acq: 24 Oct 2024 13:21

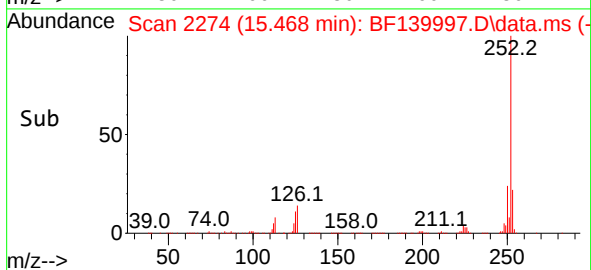
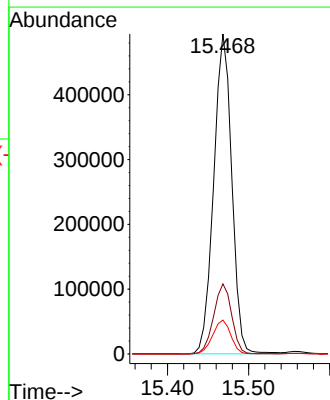
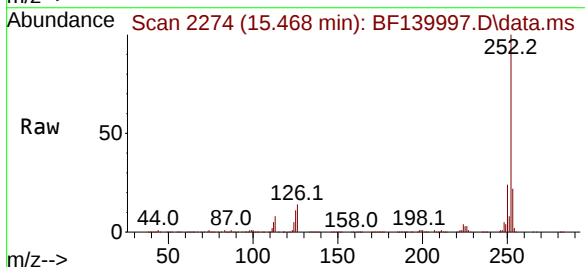
Tgt Ion:252 Resp: 763391

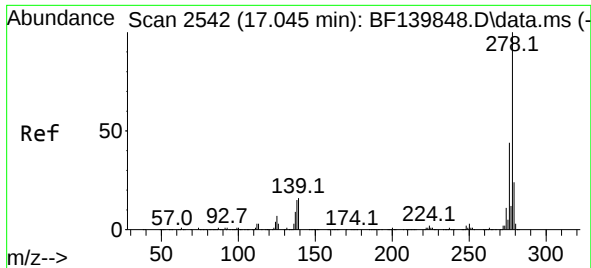
Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 10.6 8.7 13.1

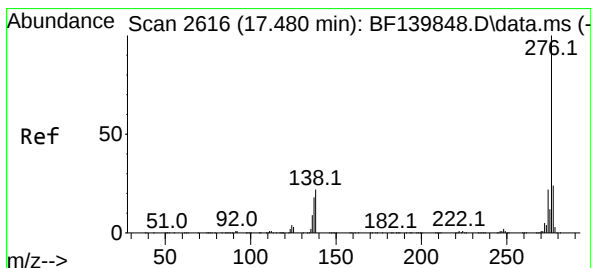
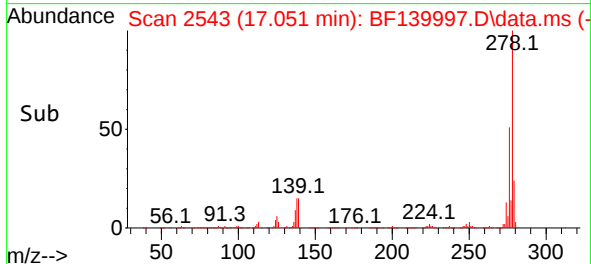
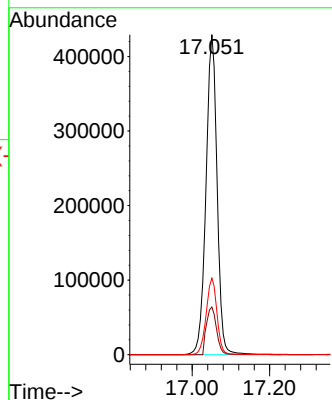
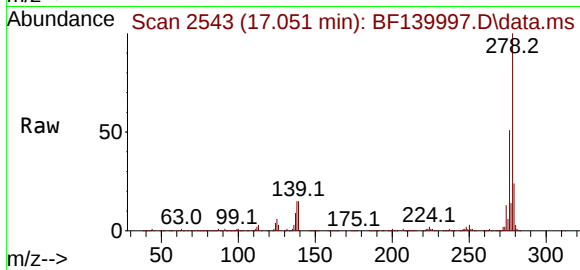




#91
Dibenzo(a,h)anthracene
Concen: 54.832 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Instrument :
BNA_F
ClientSampleId :
PB164208BS

Tgt Ion:278 Resp: 854677
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 23.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 51.226 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139997.D
Acq: 24 Oct 2024 13:21

Tgt Ion:276 Resp: 797561
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.4 17.4 26.0

