

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140835.D
 Acq On : 11 Dec 2024 17:54
 Operator : RC/JU
 Sample : P5239-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Dec 12 00:05:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	67988	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	253674	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	144345	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	275270	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	146409	20.000	ng	0.00
86) Perylene-d12	15.551	264	150652	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	395727	99.311	ng	0.00
7) Phenol-d6	6.510	99	536870	101.913	ng	0.00
23) Nitrobenzene-d5	7.428	82	345662	69.699	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	173632	112.472	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	642517	66.321	ng	-0.02
79) Terphenyl-d14	12.975	244	621446	66.094	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	74672	44.570	ng	98
3) Pyridine	3.481	79	187054	50.744	ng	99
4) n-Nitrosodimethylamine	3.410	42	98526	45.477	ng	96
6) Aniline	6.528	93	211036	56.916	ng	# 72
8) 2-Chlorophenol	6.657	128	231191	53.929	ng	95
9) Benzaldehyde	6.416	77	59553	21.355	ng	99
10) Phenol	6.528	94	290991	54.089	ng	91
11) bis(2-Chloroethyl)ether	6.593	93	216715	52.641	ng	100
12) 1,3-Dichlorobenzene	6.798	146	244753	50.810	ng	99
13) 1,4-Dichlorobenzene	6.875	146	249866	51.229	ng	99
14) 1,2-Dichlorobenzene	7.028	146	235415	51.509	ng	99
15) Benzyl Alcohol	7.010	79	209709	53.680	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	260091	53.478	ng	# 58
17) 2-Methylphenol	7.128	107	177538	51.735	ng	93
18) Hexachloroethane	7.369	117	90916	49.908	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	162655	52.245	ng	98
20) 3+4-Methylphenols	7.281	107	234248	53.107	ng	# 89
22) Acetophenone	7.275	105	316972	51.253	ng	95
24) Nitrobenzene	7.445	77	249756	48.726	ng	99
25) Isophorone	7.687	82	440551	53.259	ng	100
26) 2-Nitrophenol	7.763	139	122568	53.960	ng	97
27) 2,4-Dimethylphenol	7.804	122	172587	63.503	ng	100
28) bis(2-Chloroethoxy)met...	7.887	93	266636	52.912	ng	99
29) 2,4-Dichlorophenol	8.010	162	193809	53.817	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	206051	50.112	ng	100
31) Naphthalene	8.163	128	677704	51.866	ng	99
32) Benzoic acid	7.951	122	131323	54.399	ng	98
33) 4-Chloroaniline	8.222	127	100808	25.768	ng	97
34) Hexachlorobutadiene	8.275	225	139592	51.255	ng	99
35) Caprolactam	8.604	113	37248	33.422	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	214546	53.210	ng	99
37) 2-Methylnaphthalene	8.857	142	449344	54.143	ng	100
38) 1-Methylnaphthalene	8.957	142	414203	50.917	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	223712	52.941	ng	99
41) Hexachlorocyclopentadiene	9.004	237	98134	101.191	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	133179	50.226	ng	98

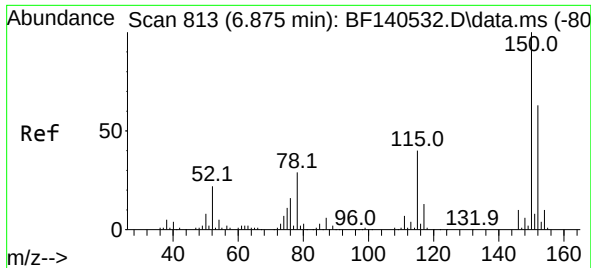
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	141819	49.282	ng	98
46) 1,1'-Biphenyl	9.316	154	564468	52.377	ng	100
47) 2-Chloronaphthalene	9.345	162	419074	51.320	ng	99
48) 2-Nitroaniline	9.451	65	133552	50.953	ng	96
49) Acenaphthylene	9.763	152	683942	55.433	ng	99
50) Dimethylphthalate	9.622	163	517747	54.463	ng	99
51) 2,6-Dinitrotoluene	9.692	165	110449	51.228	ng	95
52) Acenaphthene	9.934	154	414614	52.887	ng	100
53) 3-Nitroaniline	9.869	138	75849	35.970	ng	96
54) 2,4-Dinitrophenol	9.986	184	100637	89.137	ng	95
55) Dibenzofuran	10.110	168	635893	53.178	ng	99
56) 4-Nitrophenol	10.051	139	111418	77.475	ng	94
57) 2,4-Dinitrotoluene	10.104	165	150614	52.563	ng #	93
58) Fluorene	10.451	166	506348	52.754	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	126531	57.211	ng	94
60) Diethylphthalate	10.322	149	530373	54.911	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	255336	54.207	ng	97
62) 4-Nitroaniline	10.486	138	113699	51.410	ng	97
63) Azobenzene	10.598	77	542523	59.313	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81942	58.254	ng	97
66) n-Nitrosodiphenylamine	10.563	169	440378	54.098	ng	99
67) 4-Bromophenyl-phenylether	10.928	248	152313	53.729	ng	98
68) Hexachlorobenzene	11.004	284	172648	52.597	ng	99
69) Atrazine	11.092	200	148438	64.818	ng	99
70) Pentachlorophenol	11.210	266	126988	87.899	ng	99
71) Phenanthrene	11.416	178	713761	53.942	ng	100
72) Anthracene	11.469	178	736507	56.902	ng	99
73) Carbazole	11.628	167	652667	52.416	ng	100
74) Di-n-butylphthalate	11.945	149	823837	57.309	ng	99
75) Fluoranthene	12.610	202	713125	49.638	ng	100
77) Benzidine	12.733	184	216045	50.753	ng	100
78) Pyrene	12.839	202	718109	53.047	ng	99
80) Butylbenzylphthalate	13.451	149	275341	56.461	ng	100
81) Benzo(a)anthracene	14.039	228	537310	55.440	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	112669	38.720	ng	98
83) Chrysene	14.074	228	479767	54.138	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	360238	58.501	ng	99
85) Di-n-octyl phthalate	14.639	149	559727	66.512	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	582740	59.355	ng	98
88) Benzo(b)fluoranthene	15.116	252	491364	51.927	ng	99
89) Benzo(k)fluoranthene	15.145	252	471429	56.931	ng	99
90) Benzo(a)pyrene	15.492	252	452601	58.826	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	482233	59.976	ng	99
92) Benzo(g,h,i)perylene	17.533	276	416651	50.781	ng	98

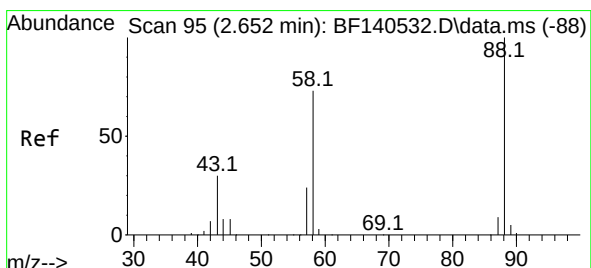
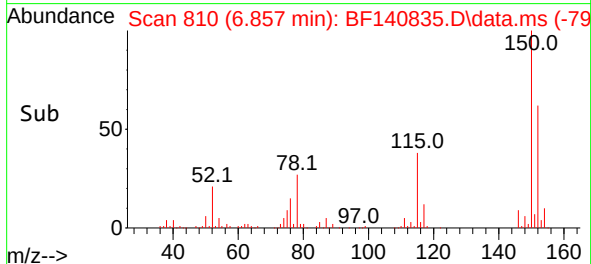
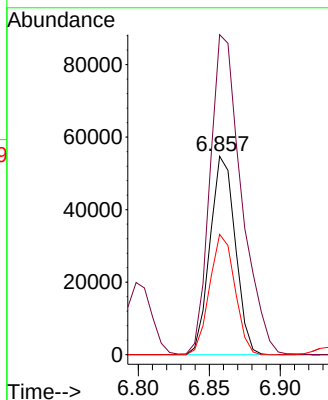
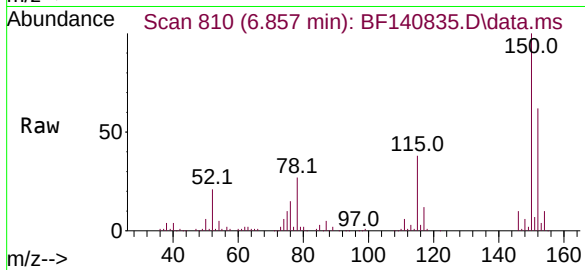
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

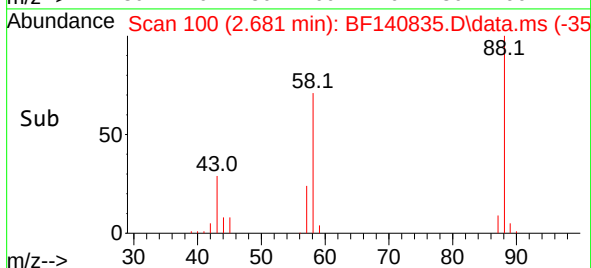
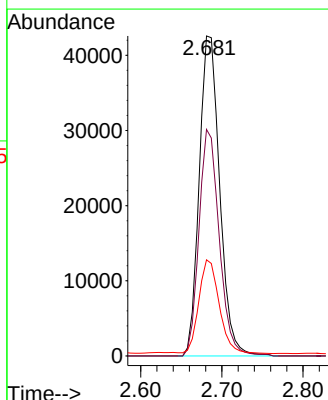
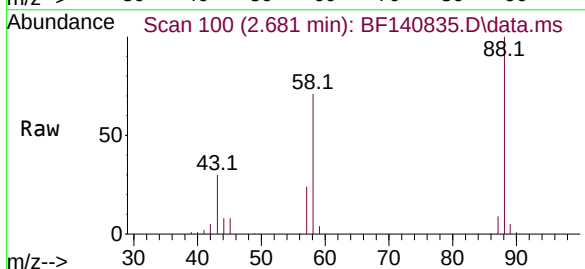
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

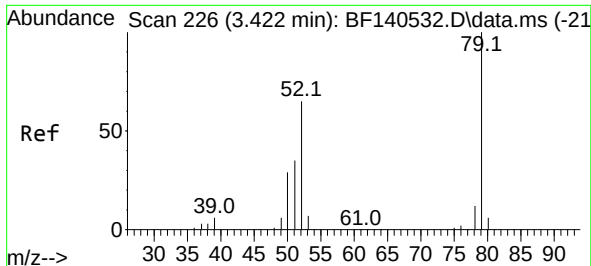
Tgt Ion:152 Resp: 67988
 Ion Ratio Lower Upper
 152 100
 150 161.2 128.5 192.7
 115 60.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 44.570 ng
 RT: 2.681 min Scan# 100
 Delta R.T. 0.030 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

Tgt Ion: 88 Resp: 74672
 Ion Ratio Lower Upper
 88 100
 58 70.1 57.4 86.2
 43 29.2 24.3 36.5





#3

Pyridine

Concen: 50.744 ng

RT: 3.481 min Scan# 21

Delta R.T. 0.059 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

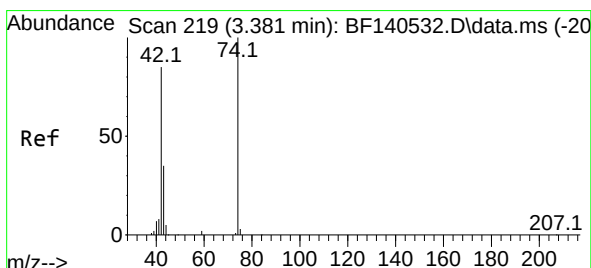
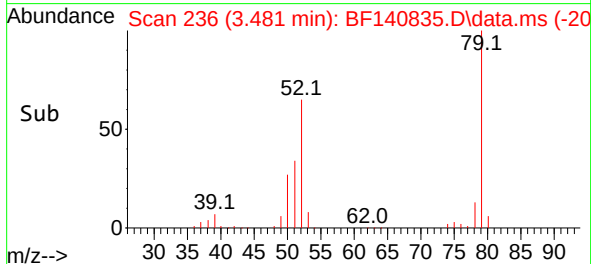
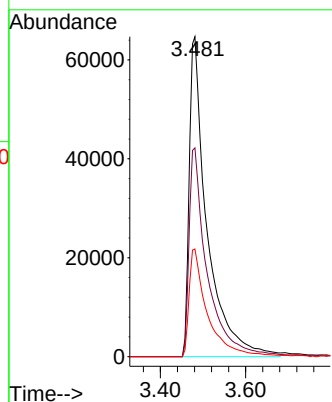
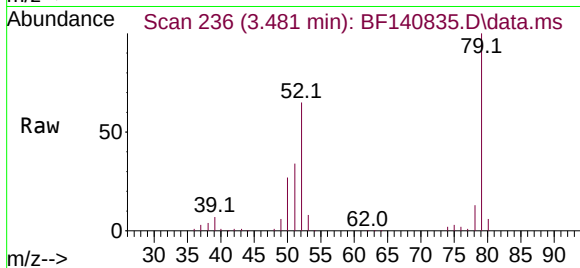
Tgt Ion: 79 Resp: 187054

Ion Ratio Lower Upper

79 100

52 65.3 52.1 78.1

51 33.6 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.477 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.030 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

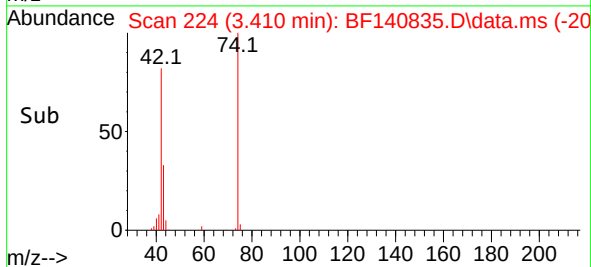
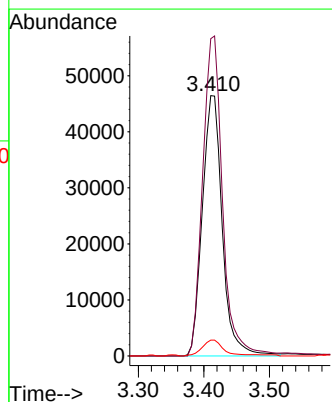
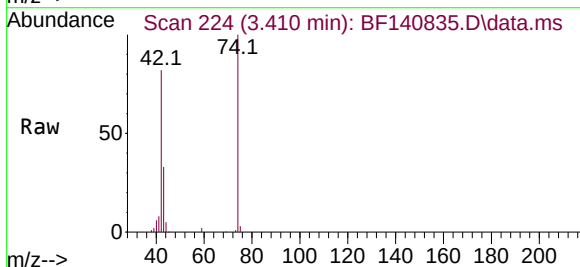
Tgt Ion: 42 Resp: 98526

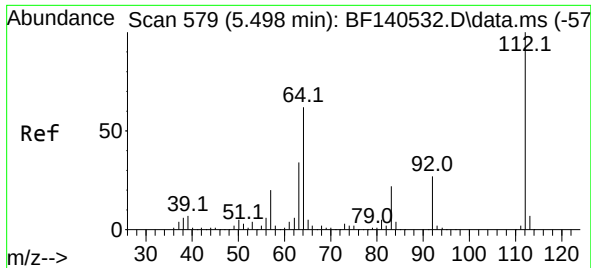
Ion Ratio Lower Upper

42 100

74 121.9 93.8 140.6

44 6.1 4.6 6.8

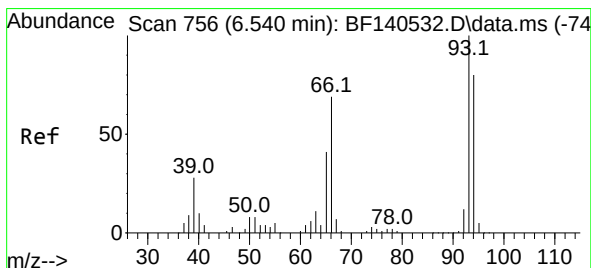
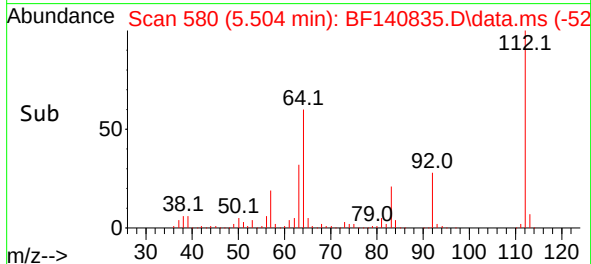
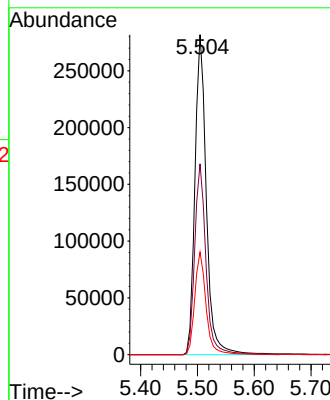
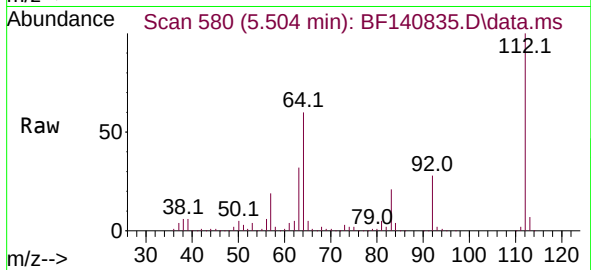




#5
2-Fluorophenol
Concen: 99.311 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

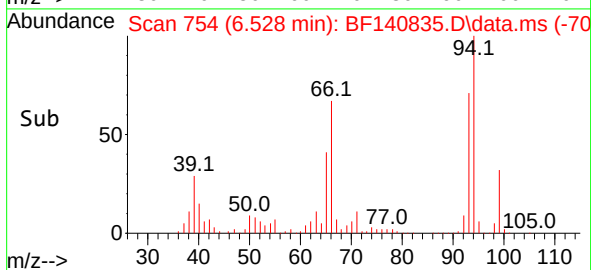
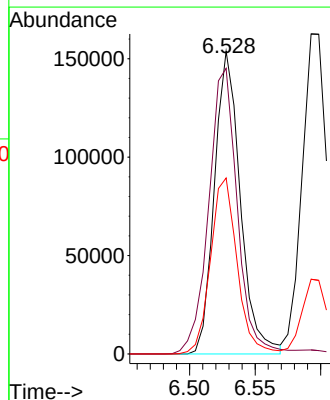
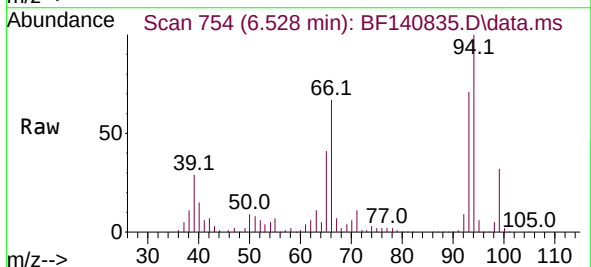
Instrument :
BNA_F
ClientSampleId :
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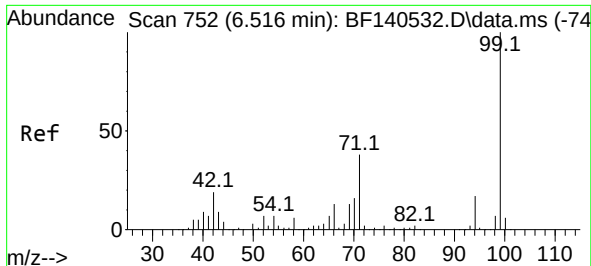
Tgt Ion:112 Resp: 395727
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.1 27.0 40.4



#6
Aniline
Concen: 56.916 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 93 Resp: 211036
Ion Ratio Lower Upper
93 100
66 94.3 56.5 84.7#
65 58.1 32.9 49.3#

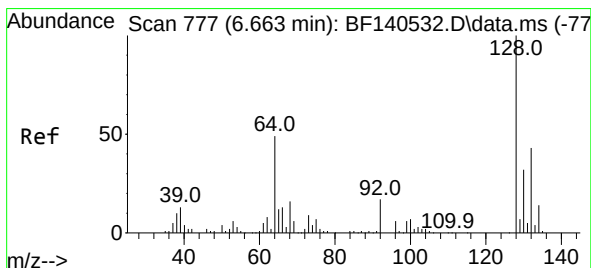
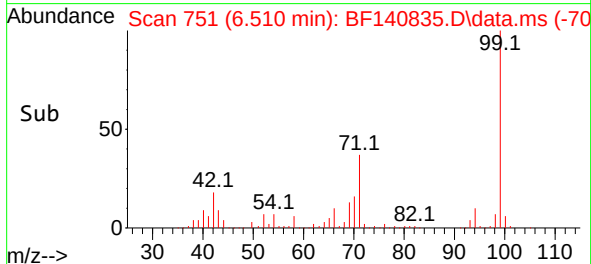
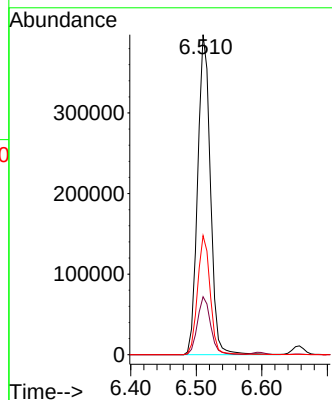
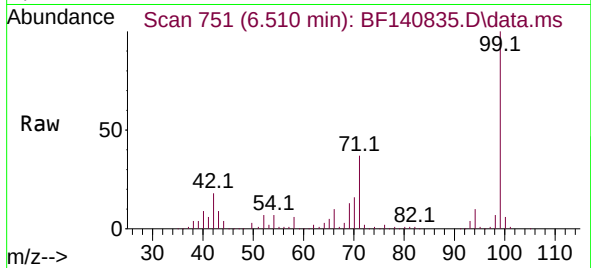




#7
Phenol-d6
Concen: 101.913 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

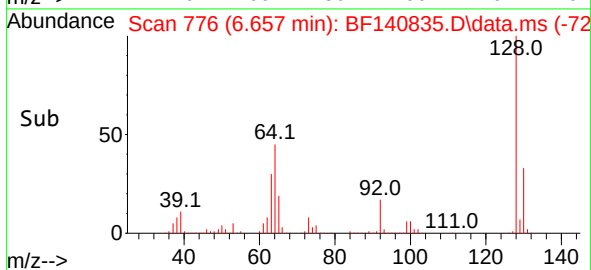
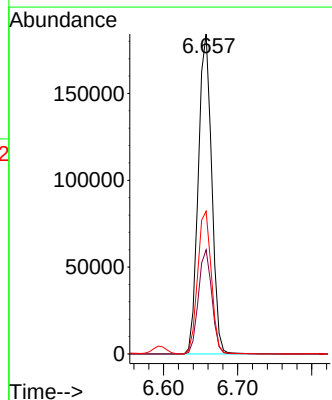
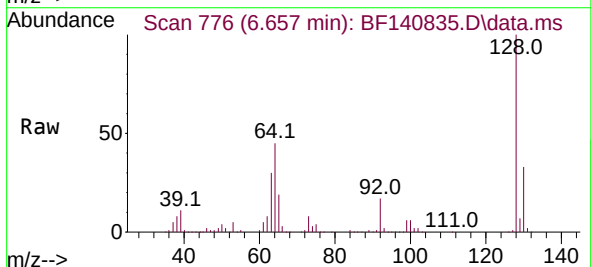
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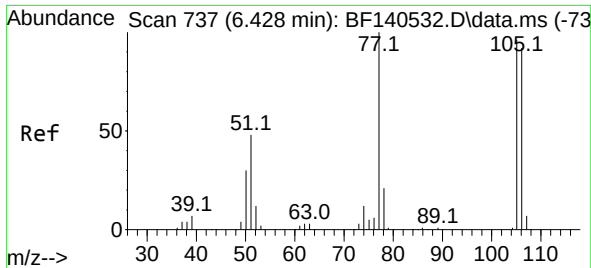
Tgt Ion: 99 Resp: 536870
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.2 30.6 46.0



#8
2-Chlorophenol
Concen: 53.929 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:128 Resp: 231191
Ion Ratio Lower Upper
128 100
130 32.6 12.3 52.3
64 44.6 30.2 70.2





#9

Benzaldehyde

Concen: 21.355 ng

RT: 6.416 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

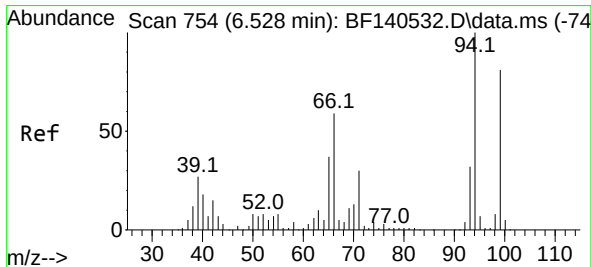
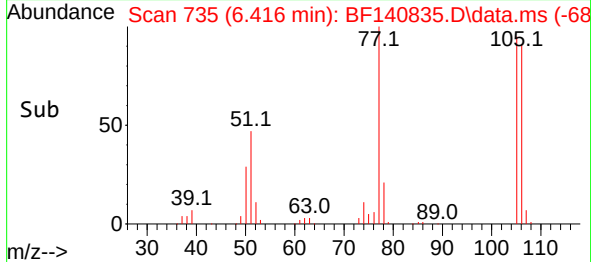
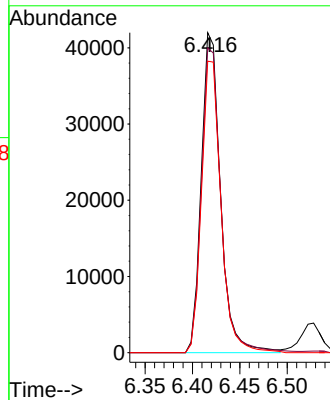
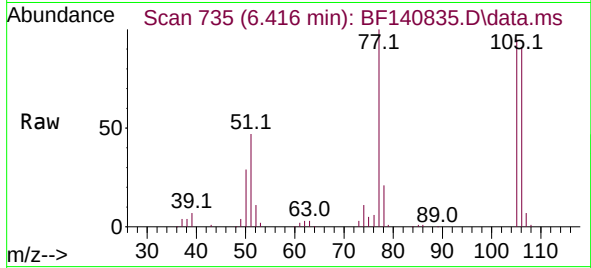
Tgt Ion: 77 Resp: 59553

Ion Ratio Lower Upper

77 100

105 95.2 75.6 115.6

106 91.1 72.0 112.0



#10

Phenol

Concen: 54.089 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.000 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

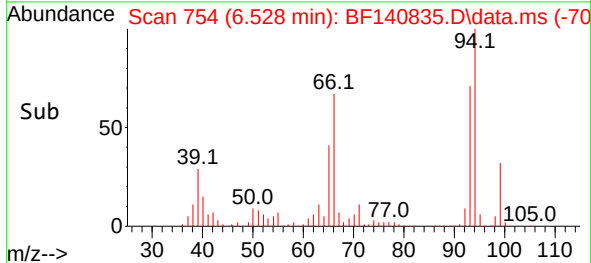
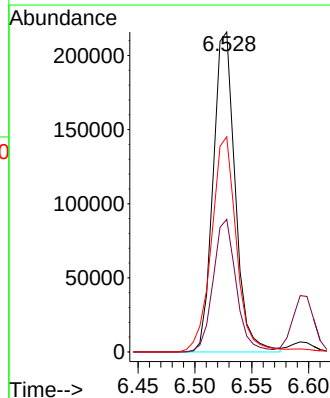
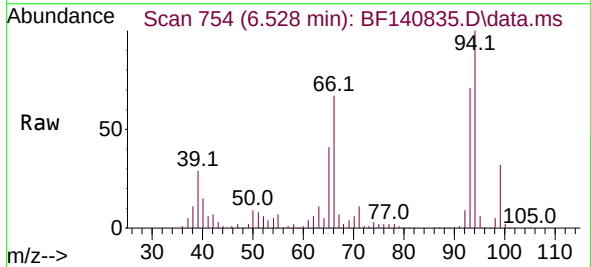
Tgt Ion: 94 Resp: 290991

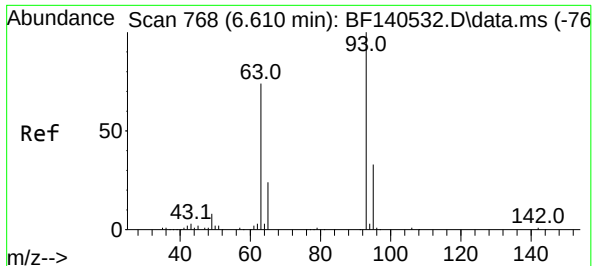
Ion Ratio Lower Upper

94 100

65 41.4 17.2 57.2

66 67.2 39.2 79.2

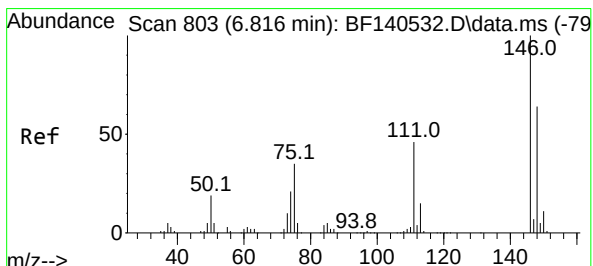
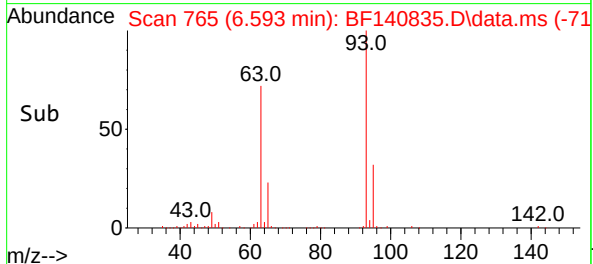
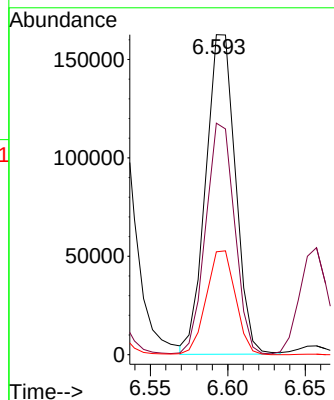
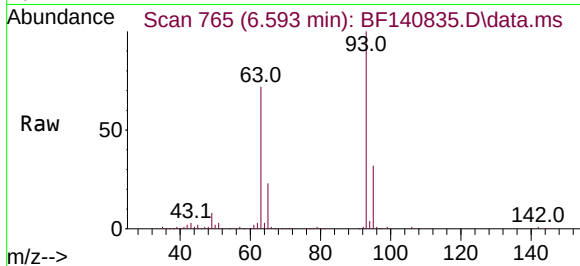




#11
bis(2-Chloroethyl)ether
Concen: 52.641 ng
RT: 6.593 min Scan# 765
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

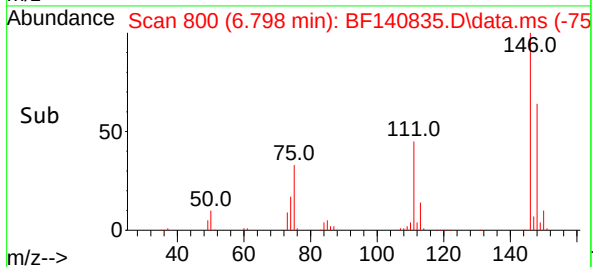
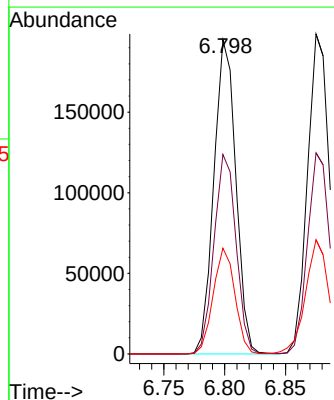
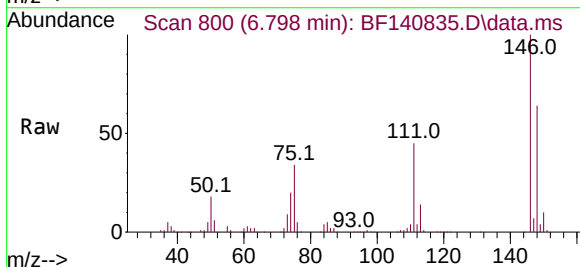
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

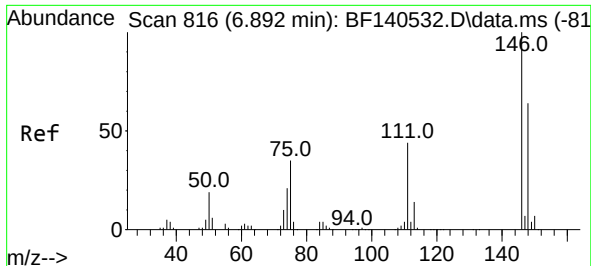
Tgt Ion: 93 Resp: 216715
Ion Ratio Lower Upper
93 100
63 72.3 52.8 92.8
95 32.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 50.810 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.017 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:146 Resp: 244753
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.7 28.2 42.2

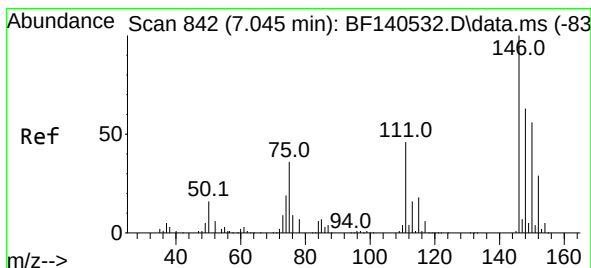
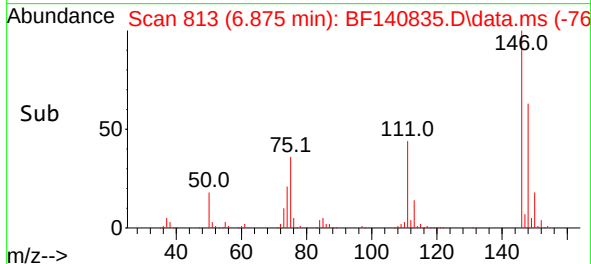
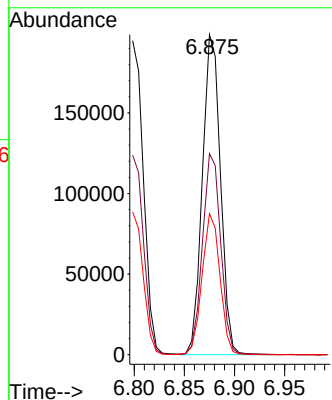
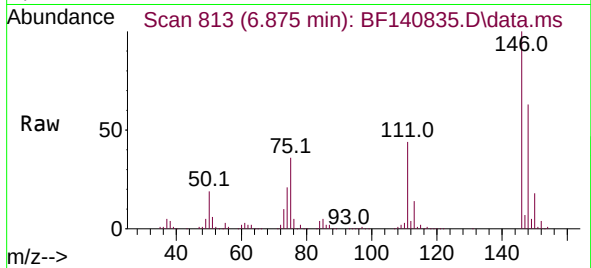




#13
1,4-Dichlorobenzene
Concen: 51.229 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

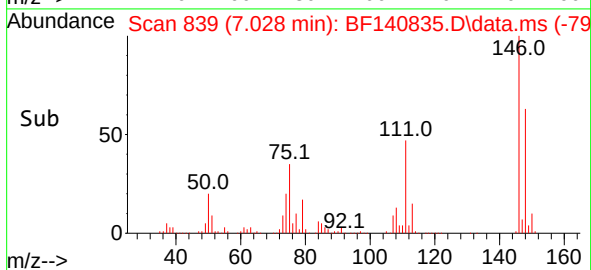
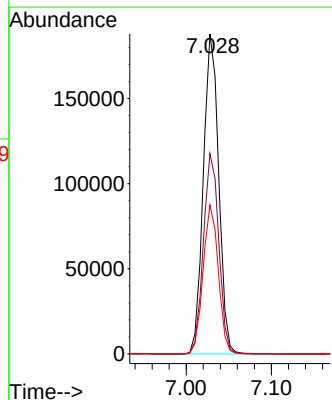
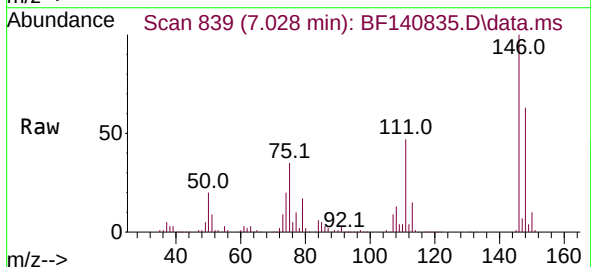
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

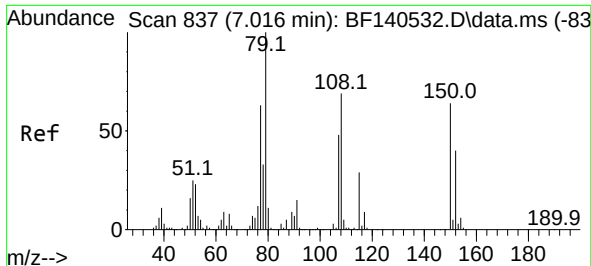
Tgt Ion:146 Resp: 249866
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 44.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 51.509 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:146 Resp: 235415
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 46.5 36.7 55.1

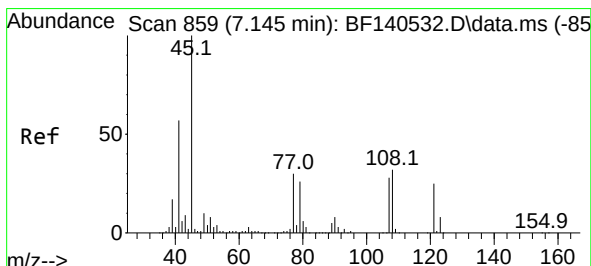
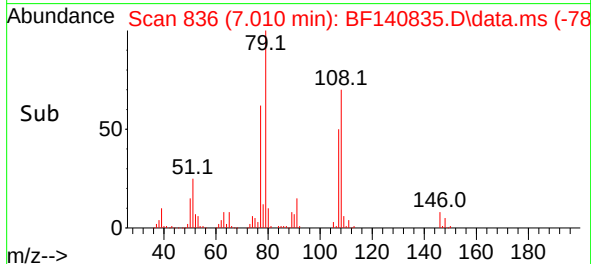
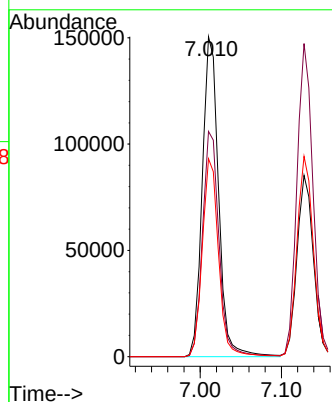
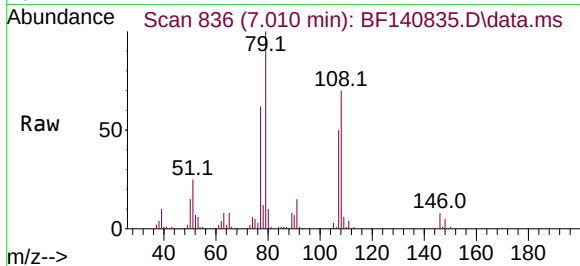




#15
Benzyl Alcohol
Concen: 53.680 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

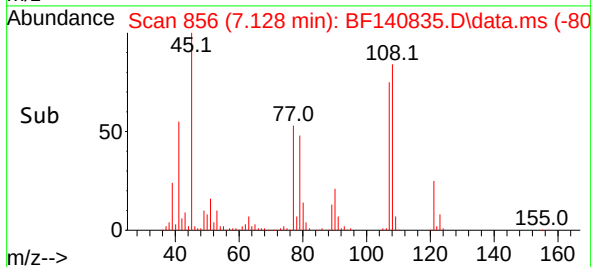
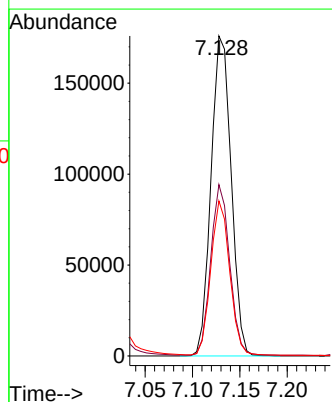
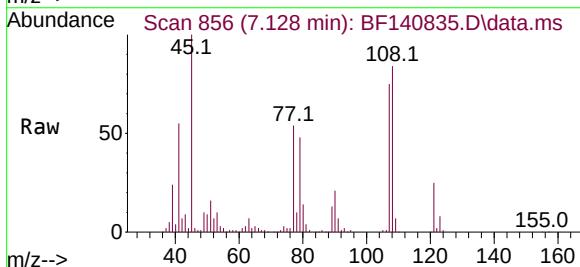
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

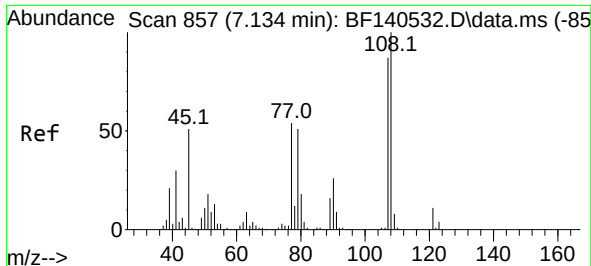
Tgt Ion: 79 Resp: 209709
Ion Ratio Lower Upper
79 100
108 70.4 55.0 82.6
77 61.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.478 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 45 Resp: 260091
Ion Ratio Lower Upper
45 100
77 53.6 10.7 50.7#
79 48.4 7.0 47.0#



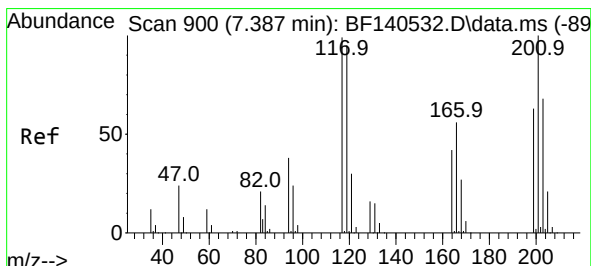
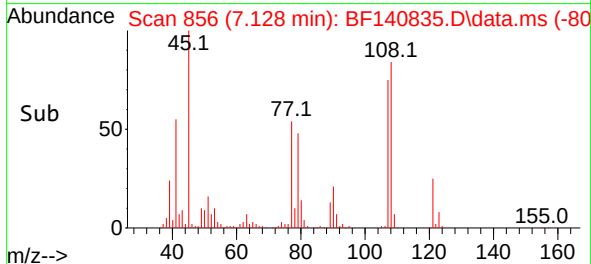
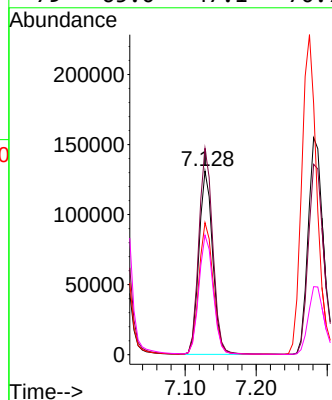
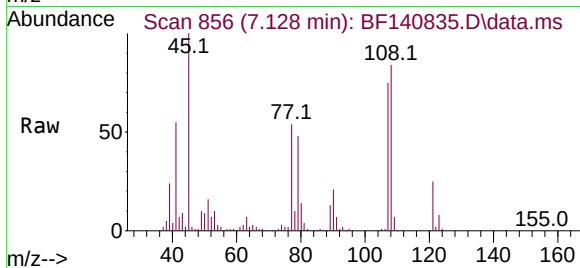


#17
2-Methylphenol
Concen: 51.735 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:107 Resp: 177538

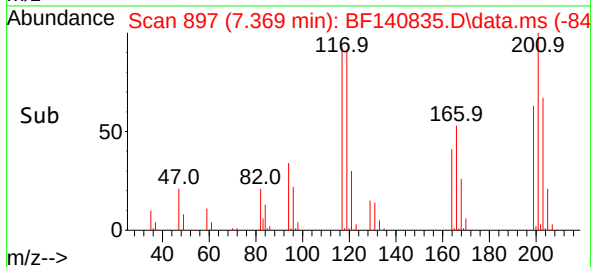
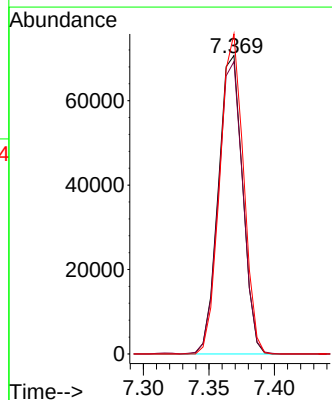
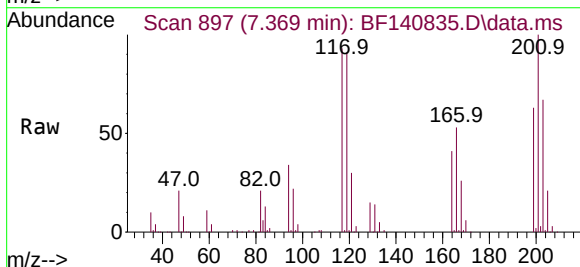
Ion	Ratio	Lower	Upper
107	100		
108	112.3	91.7	137.5
77	71.9	49.3	73.9
79	65.0	47.1	70.7

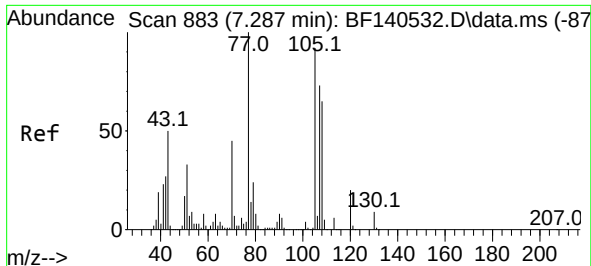


#18
Hexachloroethane
Concen: 49.908 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:117 Resp: 90916

Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.1	115.7
201	107.2	81.1	121.7





#19

n-Nitroso-di-n-propylamine

Concen: 52.245 ng

RT: 7.275 min Scan# 881

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 70 Resp: 162655

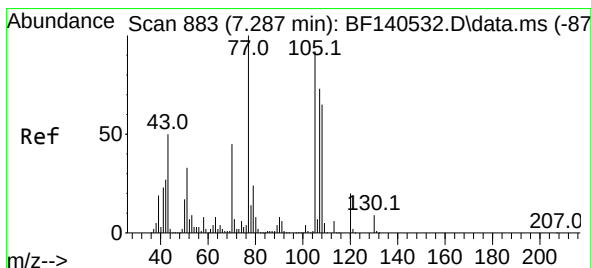
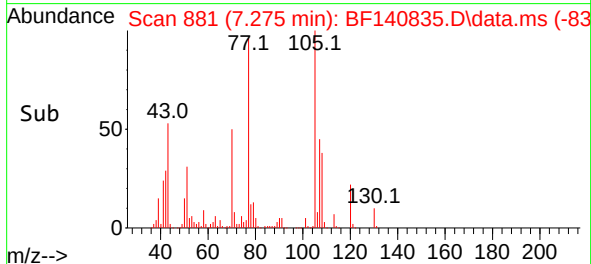
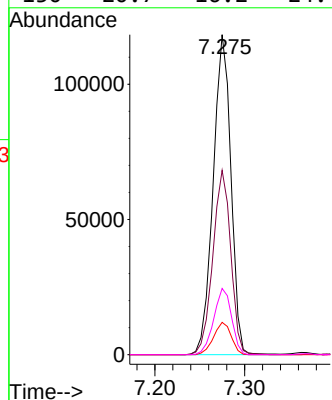
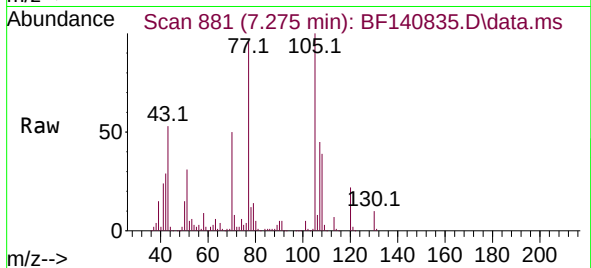
Ion Ratio Lower Upper

70 100

42 57.6 47.6 71.4

101 10.1 7.6 11.4

130 20.7 16.2 24.4



#20

3+4-Methylphenols

Concen: 53.107 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Tgt Ion:107 Resp: 234248

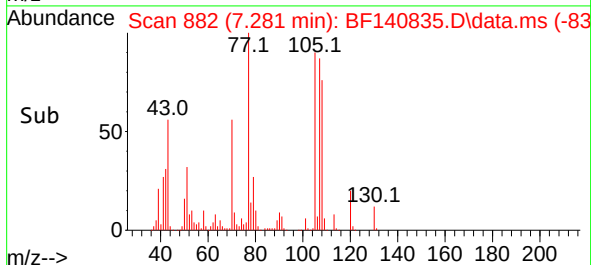
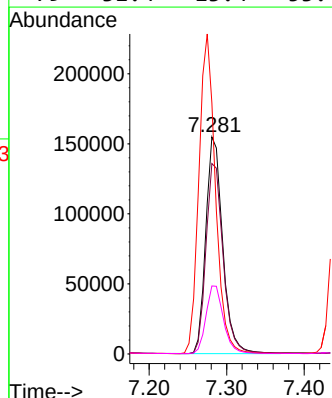
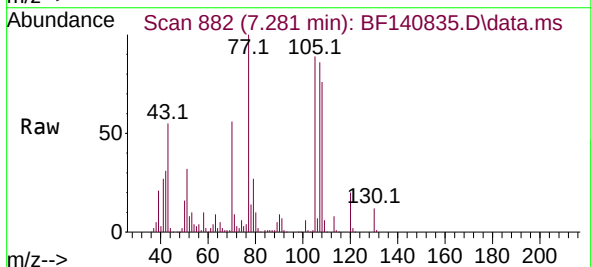
Ion Ratio Lower Upper

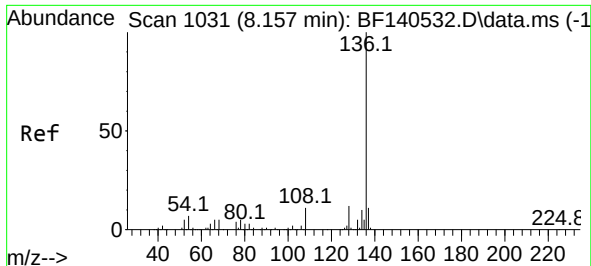
107 100

108 87.7 69.9 109.9

77 115.7 117.7 157.7#

79 31.4 13.4 53.4



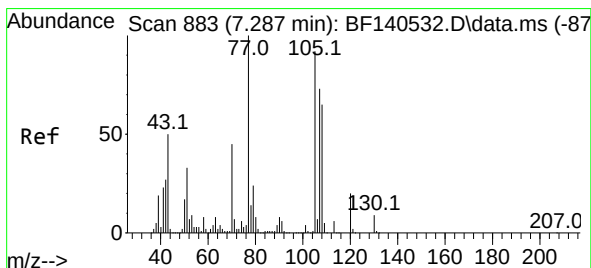
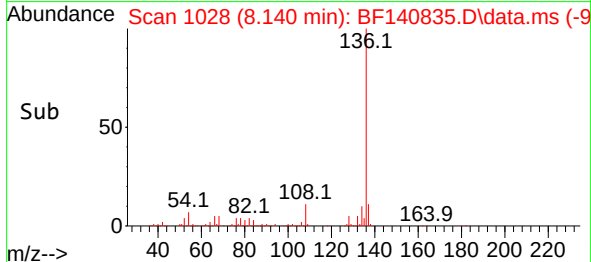
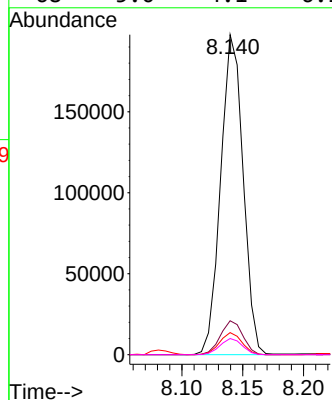
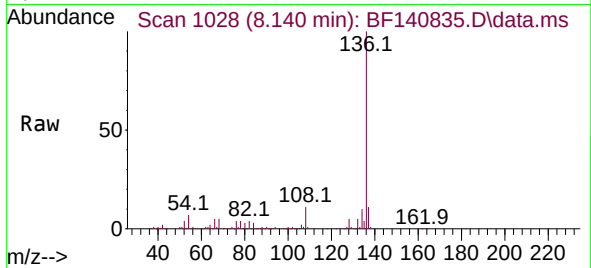


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:136 Resp: 253674

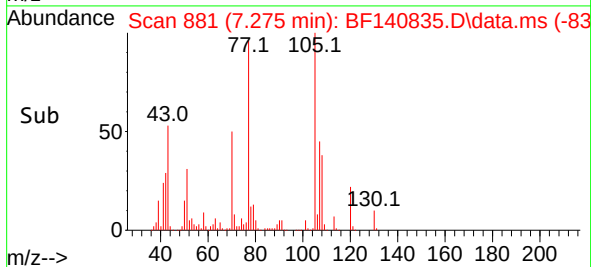
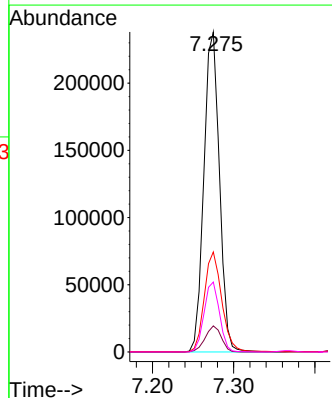
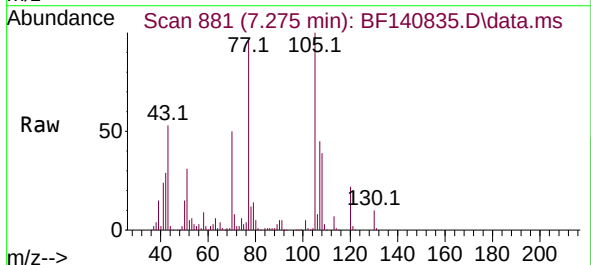
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.9	5.8	8.8
68	5.0	4.1	6.1

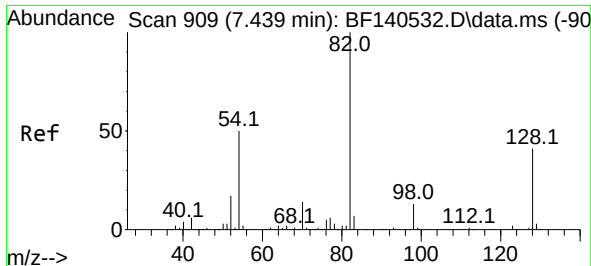


#22
Acetophenone
Concen: 51.253 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:105 Resp: 316972

Ion	Ratio	Lower	Upper
105	100		
71	8.1	6.2	9.2
51	31.3	29.0	43.6
120	21.9	17.4	26.0





#23

Nitrobenzene-d5

Concen: 69.699 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

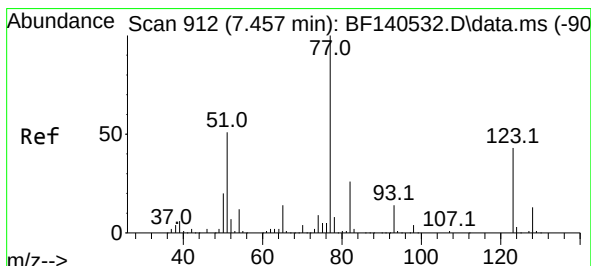
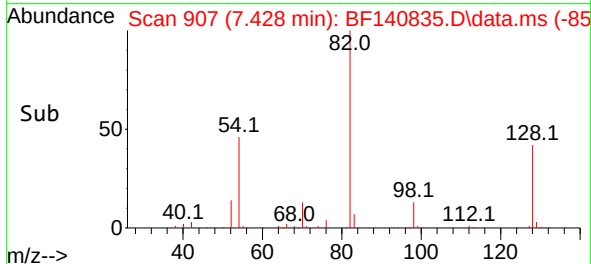
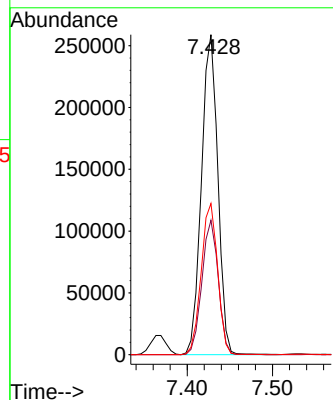
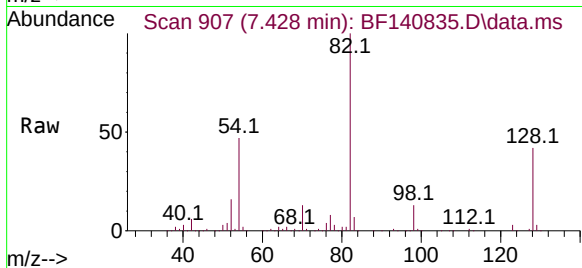
Tgt Ion: 82 Resp: 345662

Ion Ratio Lower Upper

82 100

128 42.0 33.0 49.4

54 47.2 39.5 59.3



#24

Nitrobenzene

Concen: 48.726 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

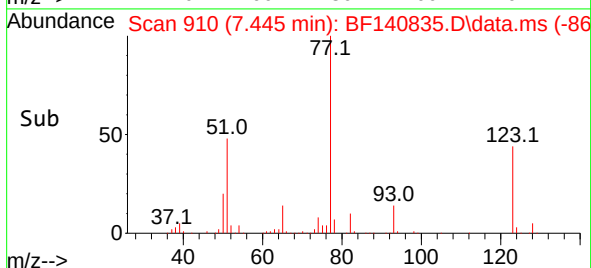
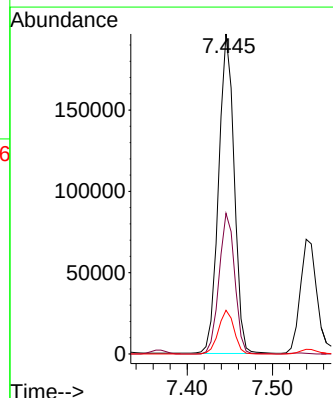
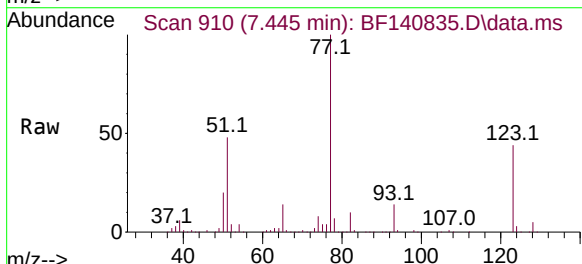
Tgt Ion: 77 Resp: 249756

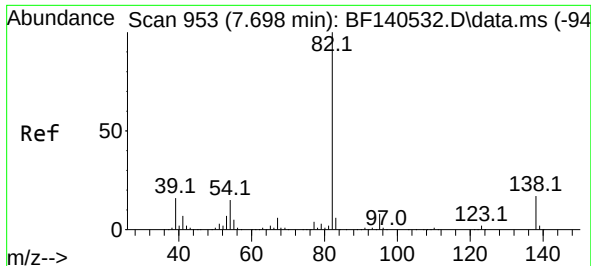
Ion Ratio Lower Upper

77 100

123 44.0 34.3 51.5

65 13.7 11.2 16.8

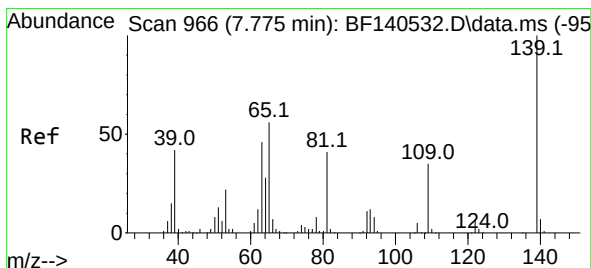
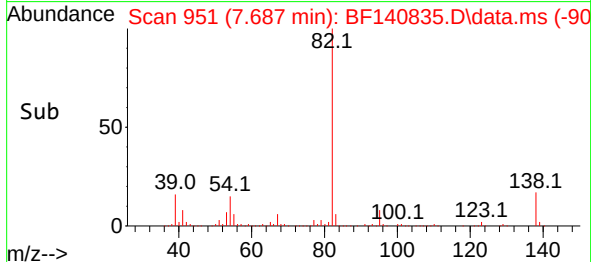
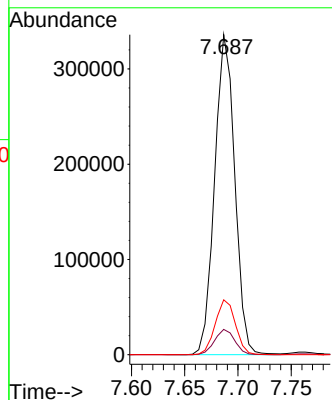
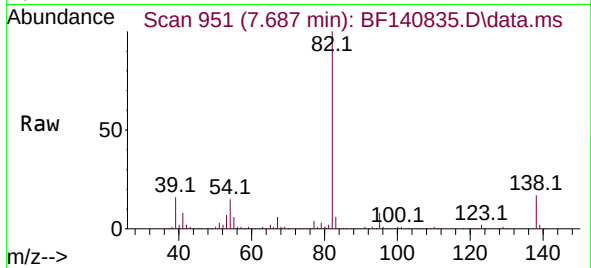




#25
Isophorone
Concen: 53.259 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

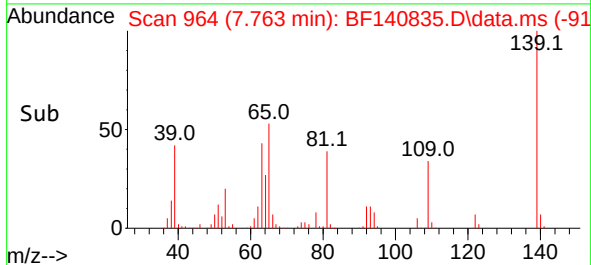
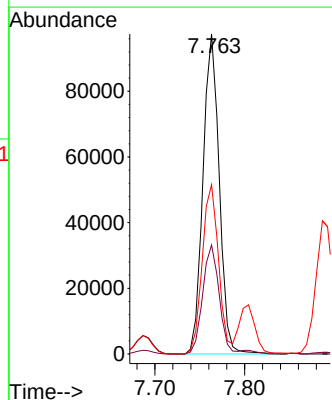
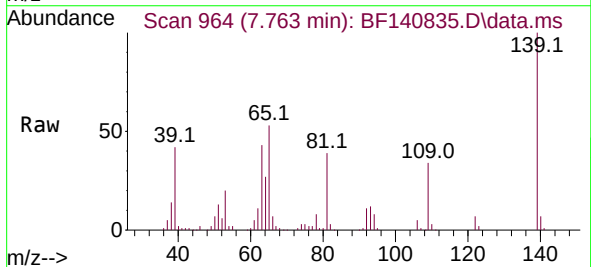
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

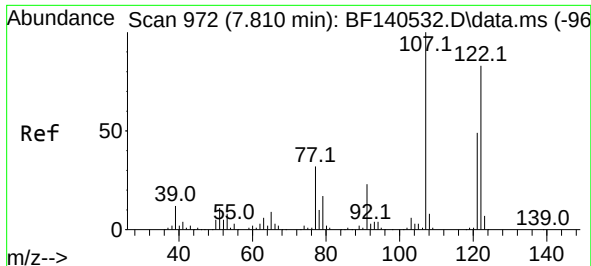
Tgt Ion: 82 Resp: 440551
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.2 13.8 20.6



#26
2-Nitrophenol
Concen: 53.960 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:139 Resp: 122568
Ion Ratio Lower Upper
139 100
109 34.0 28.0 42.0
65 52.9 44.6 67.0

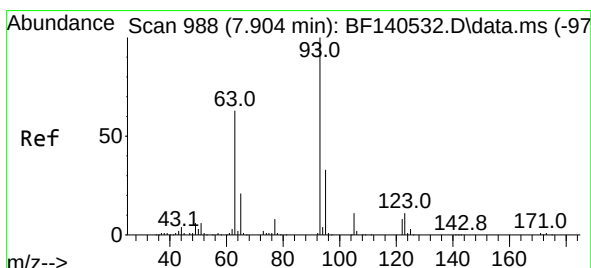
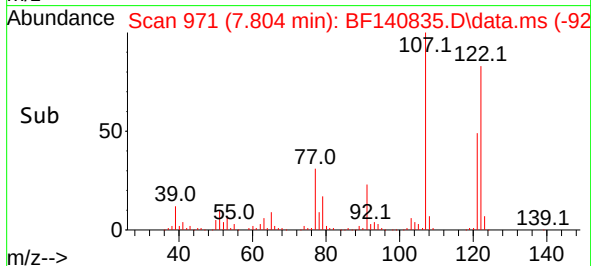
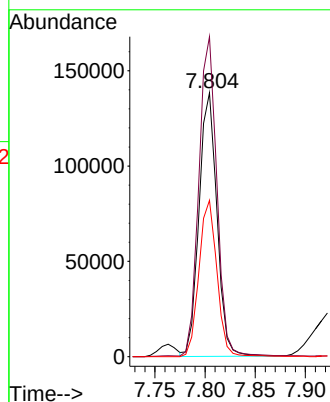
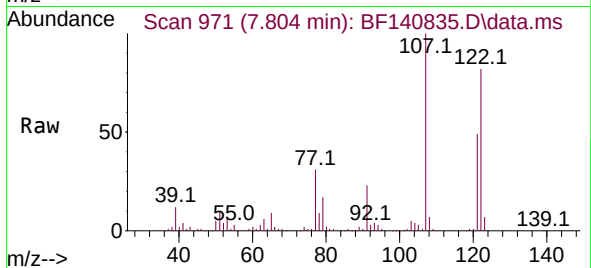




#27
2,4-Dimethylphenol
Concen: 63.503 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

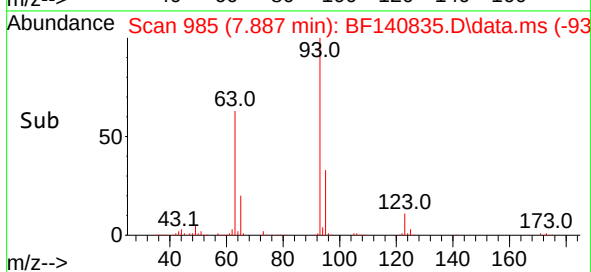
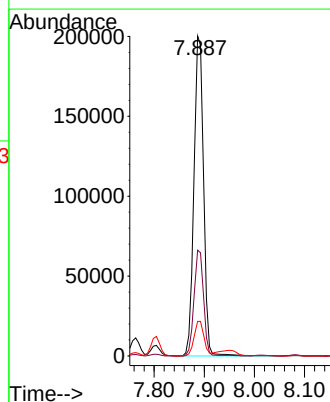
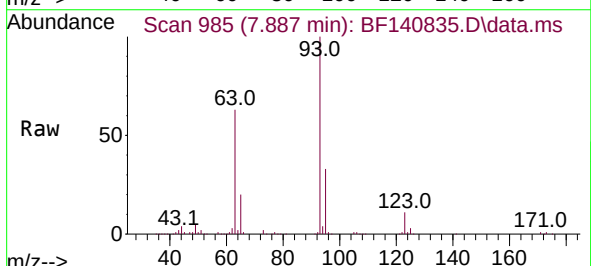
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

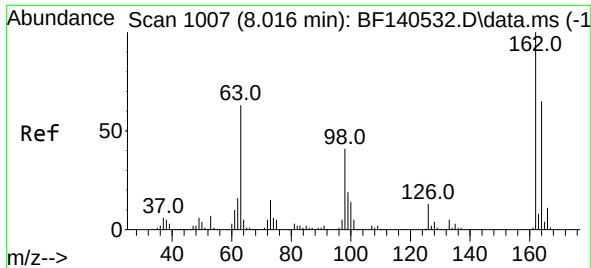
Tgt Ion:122 Resp: 172587
Ion Ratio Lower Upper
122 100
107 121.3 96.8 145.2
121 59.3 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 52.912 ng
RT: 7.887 min Scan# 985
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 93 Resp: 266636
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.817 ng

RT: 8.010 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

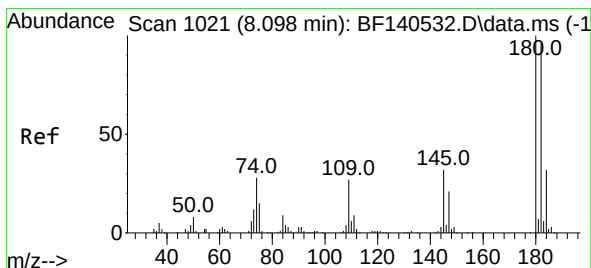
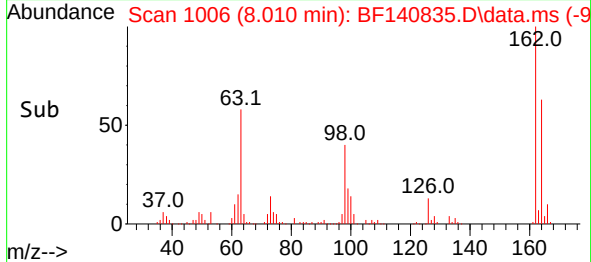
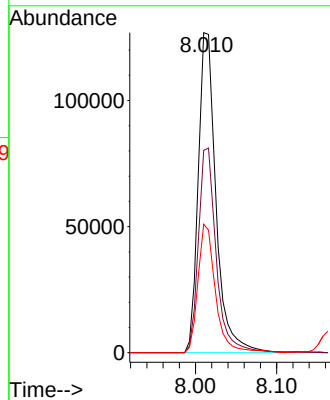
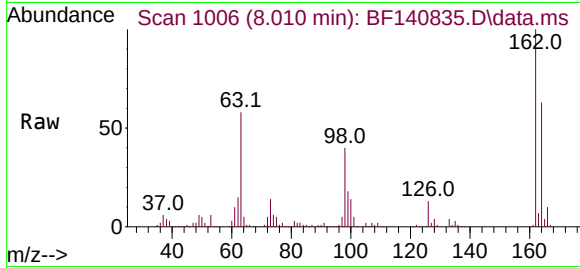
Tgt Ion:162 Resp: 193809

Ion Ratio Lower Upper

162 100

164 63.3 44.8 84.8

98 40.2 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 50.112 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

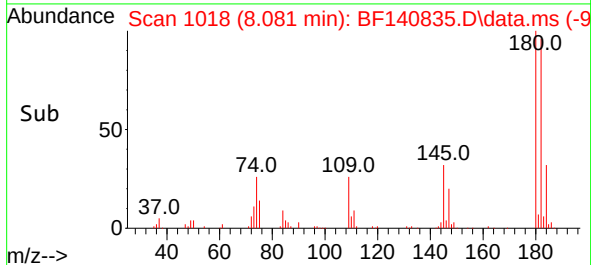
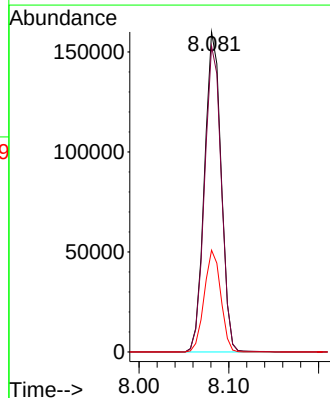
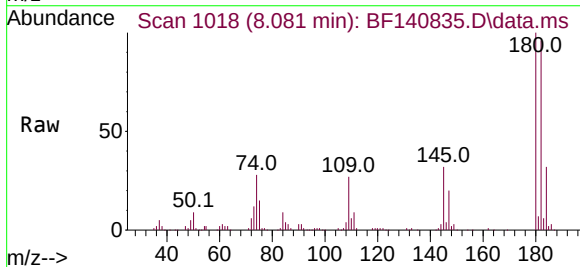
Tgt Ion:180 Resp: 206051

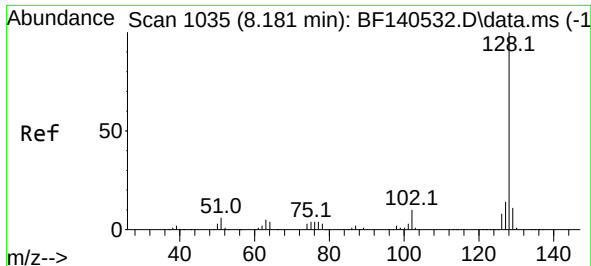
Ion Ratio Lower Upper

180 100

182 95.6 76.4 114.6

145 31.8 25.9 38.9

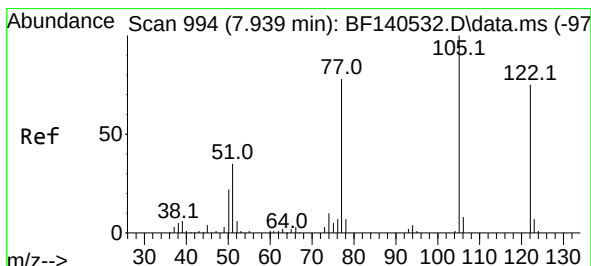
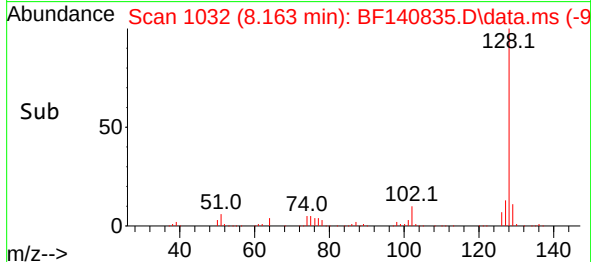
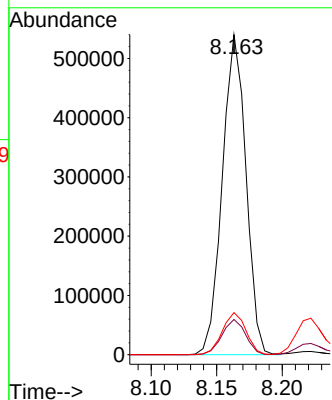
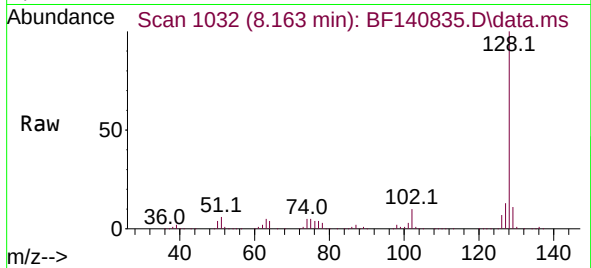




#31
Naphthalene
Concen: 51.866 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

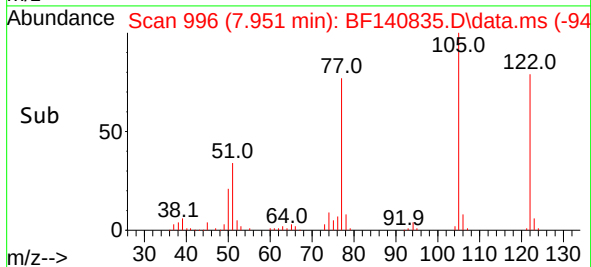
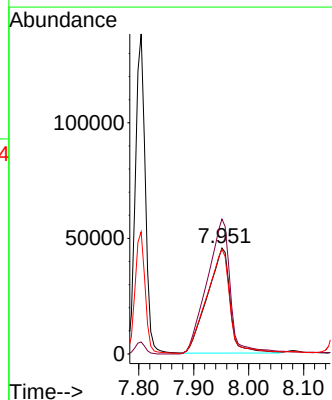
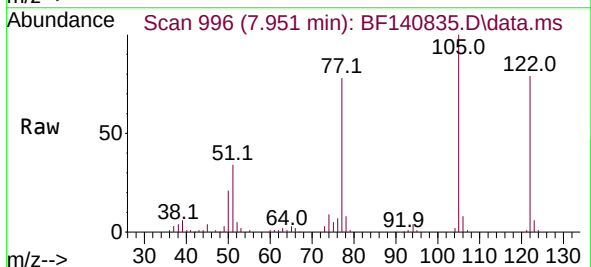
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

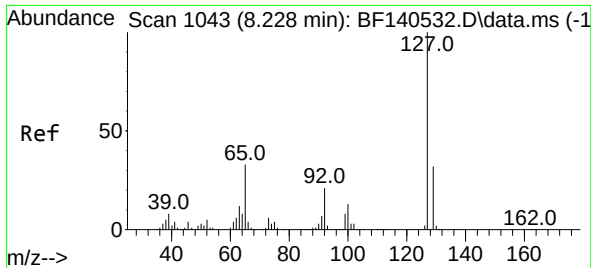
Tgt Ion:128 Resp: 677704
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 54.399 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:122 Resp: 131323
Ion Ratio Lower Upper
122 100
105 127.3 109.3 149.3
77 98.9 82.3 122.3

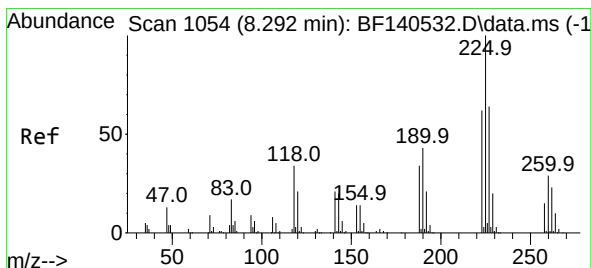
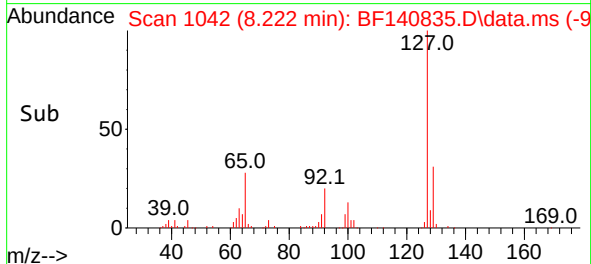
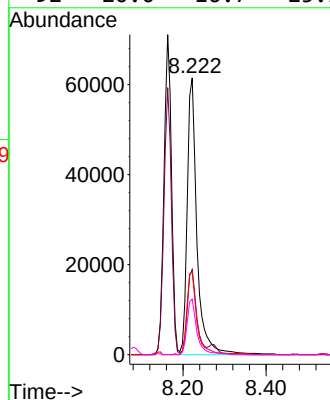
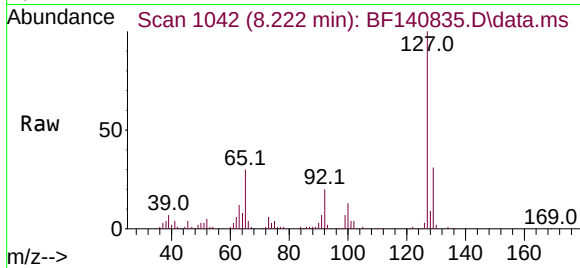




#33
4-Chloroaniline
Concen: 25.768 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

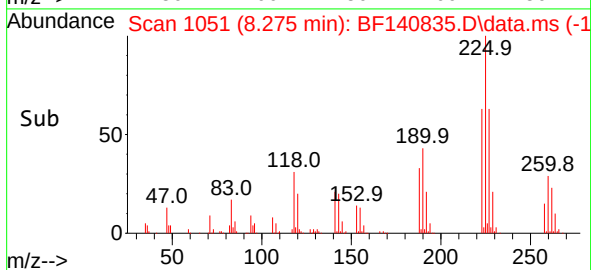
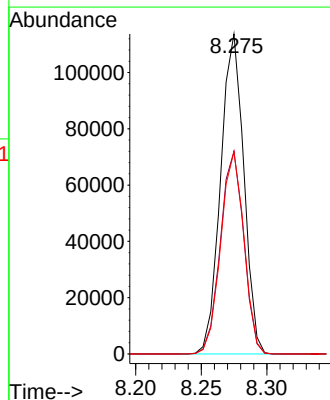
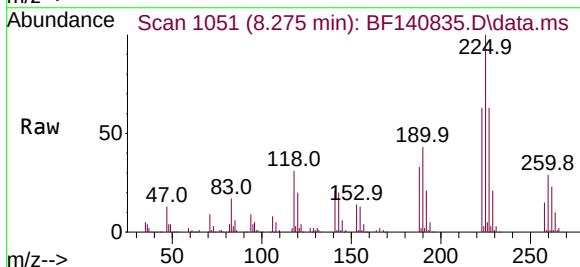
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

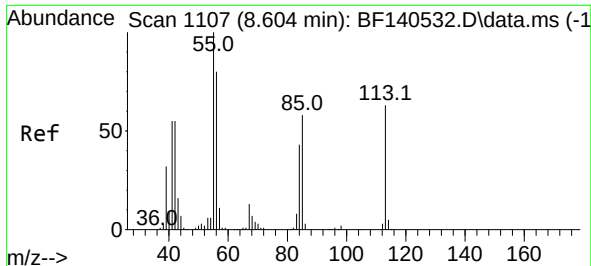
Tgt Ion:	127	Resp:	100808
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.0	39.0
65	29.9	26.0	39.0
92	20.0	16.7	25.1



#34
Hexachlorobutadiene
Concen: 51.255 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:	225	Resp:	139592
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.8
227	63.2	51.3	76.9

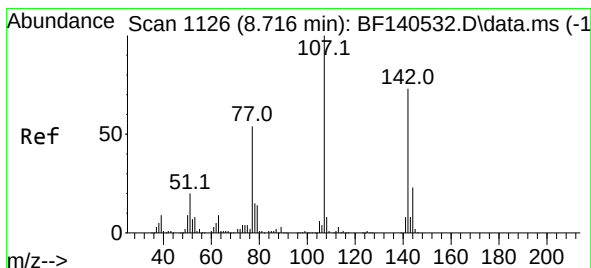
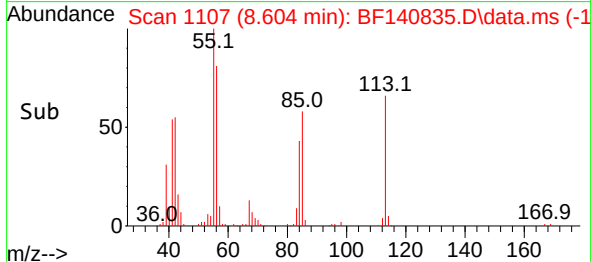
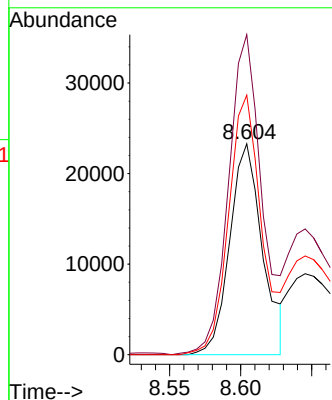
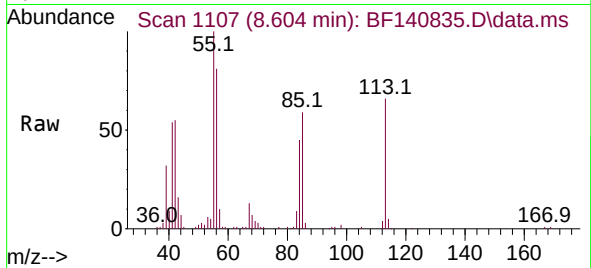




#35
 Caprolactam
 Concen: 33.422 ng
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

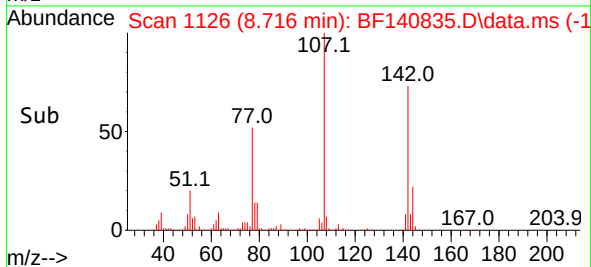
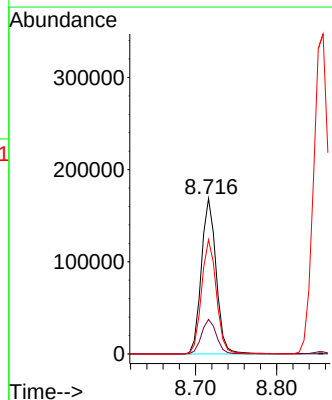
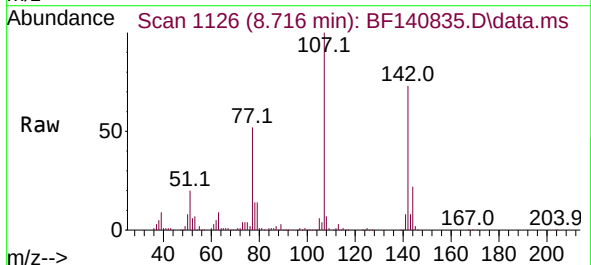
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

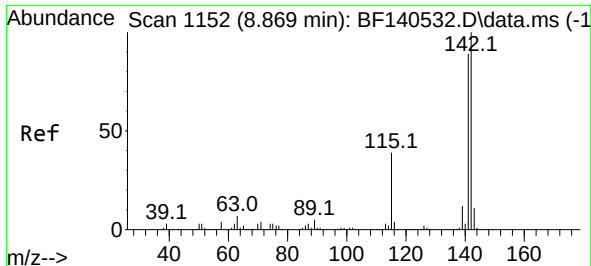
Tgt Ion:113 Resp: 37248
 Ion Ratio Lower Upper
 113 100
 55 151.7 137.7 177.7
 56 123.1 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 53.210 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF140835.D
 Acq: 11 Dec 2024 17:54

Tgt Ion:107 Resp: 214546
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.7 28.1
 142 73.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 54.143 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

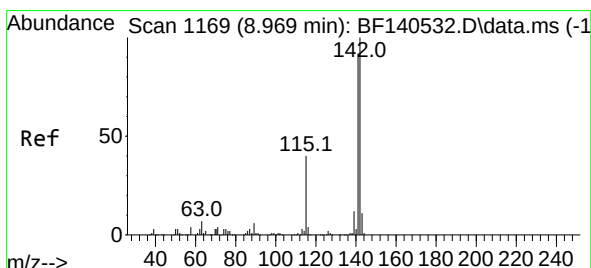
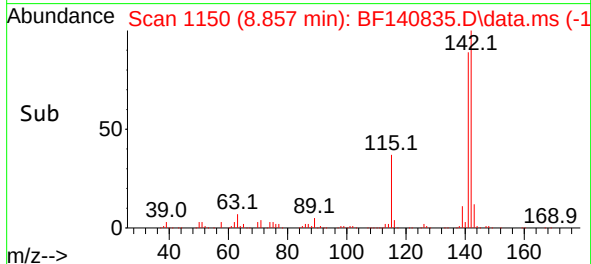
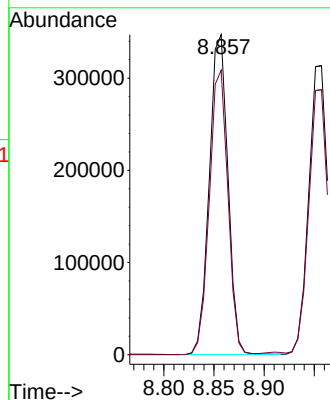
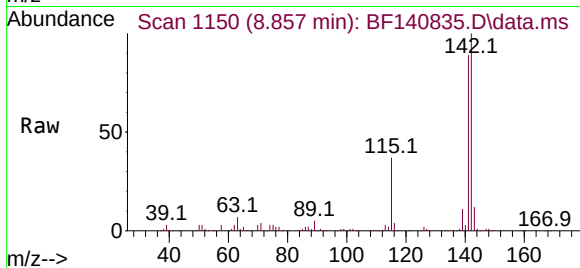
WC-1MSD

Tgt Ion:142 Resp: 449344

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.6



#38

1-Methylnaphthalene

Concen: 50.917 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140835.D

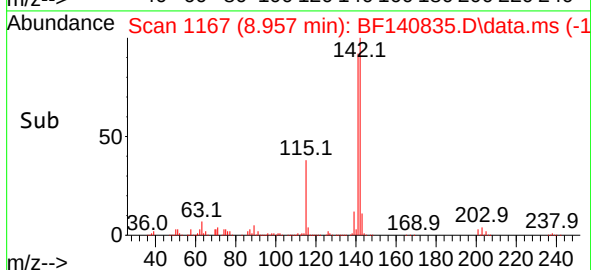
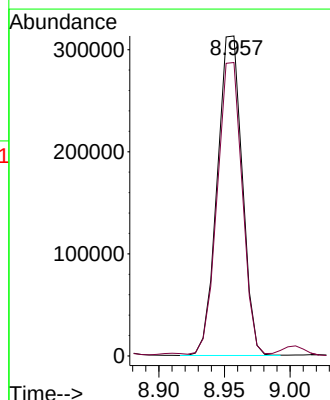
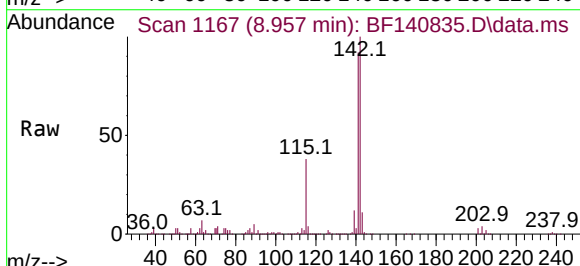
Acq: 11 Dec 2024 17:54

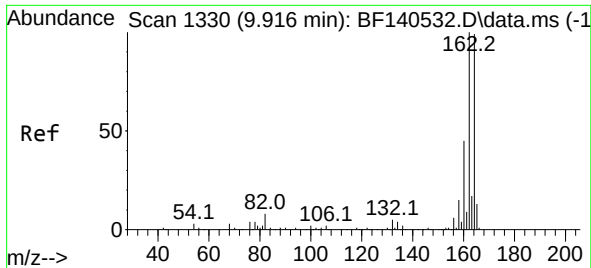
Tgt Ion:142 Resp: 414203

Ion Ratio Lower Upper

142 100

141 91.7 73.3 109.9

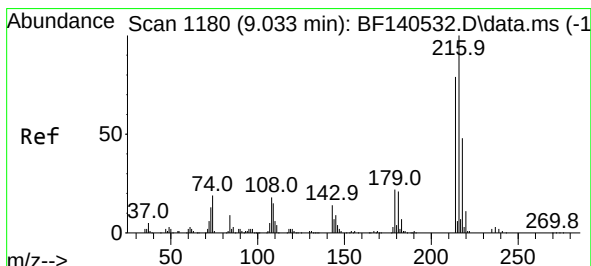
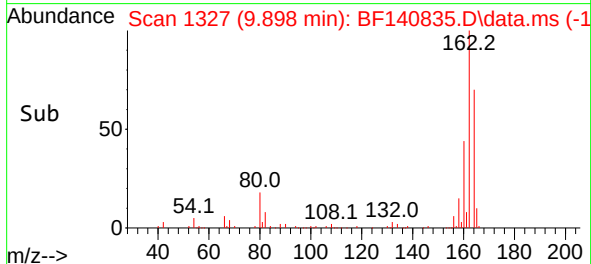
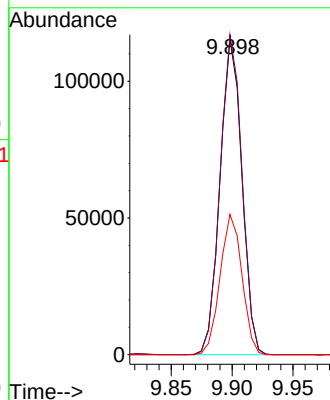
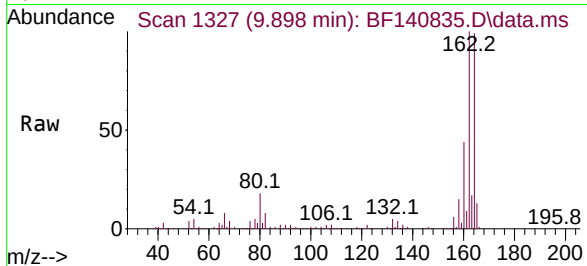




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

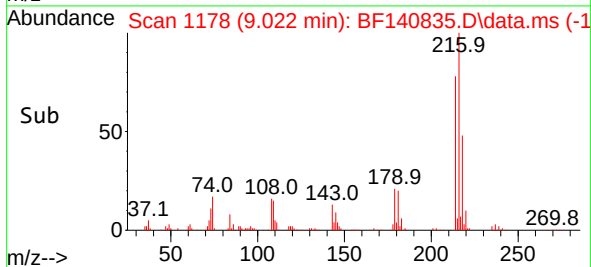
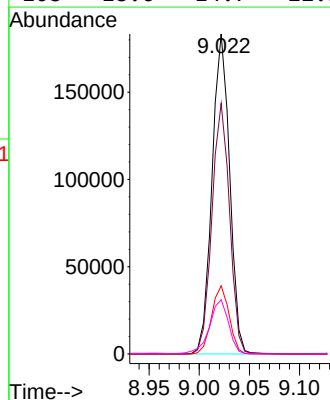
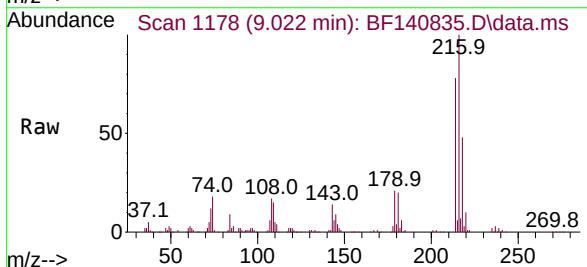
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

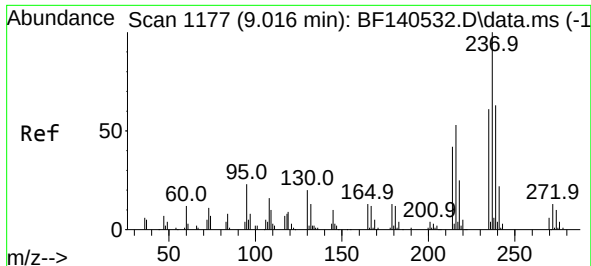
Tgt Ion:164 Resp: 144345
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 44.5 36.2 54.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.941 ng
RT: 9.022 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:216 Resp: 223712
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.2 17.5 26.3
108 18.6 14.7 22.1

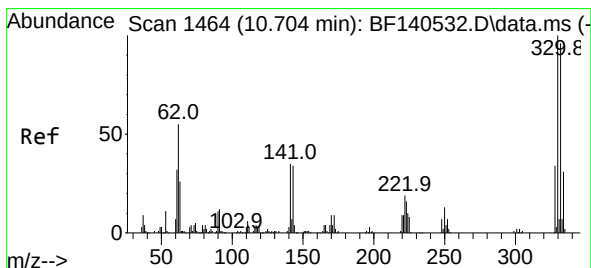
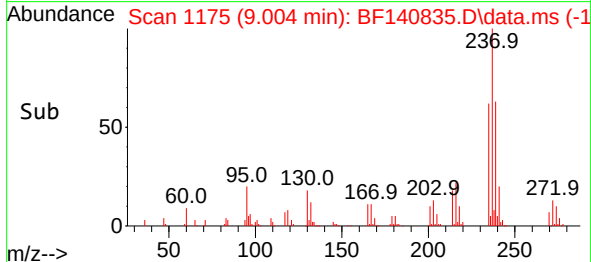
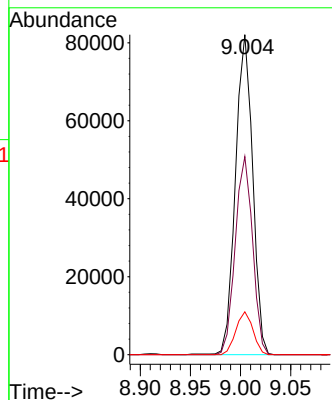
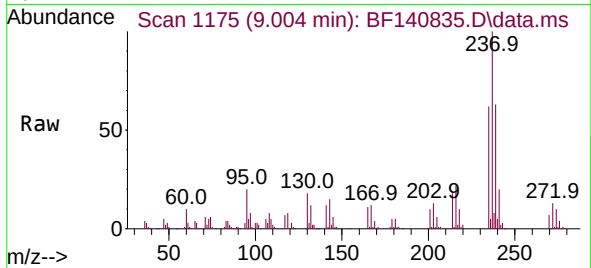




#41
Hexachlorocyclopentadiene
Concen: 101.191 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

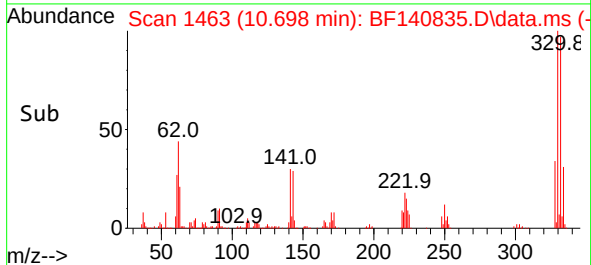
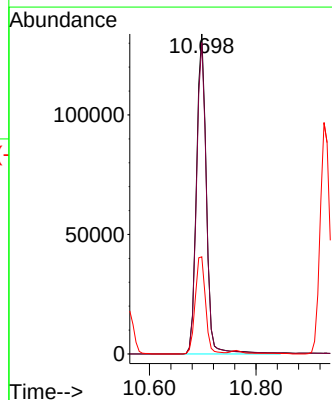
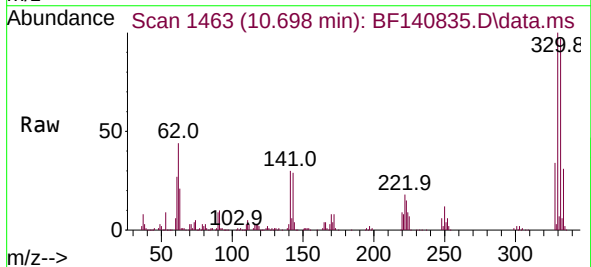
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

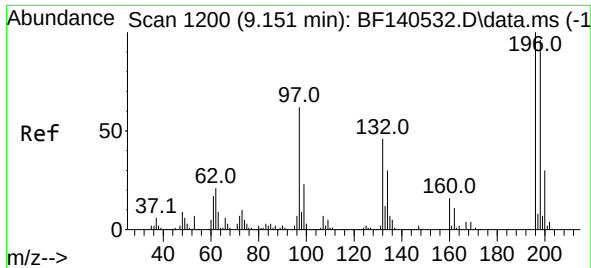
Tgt Ion:237 Resp: 98134
Ion Ratio Lower Upper
237 100
235 61.9 41.1 81.1
272 13.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 112.472 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:330 Resp: 173632
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 31.6 26.7 40.1

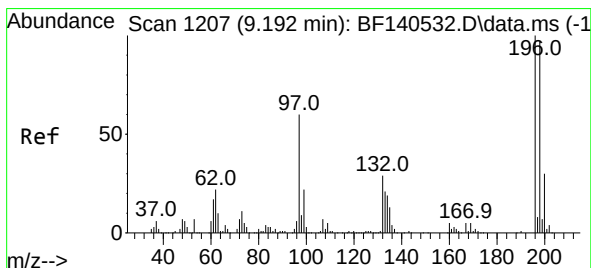
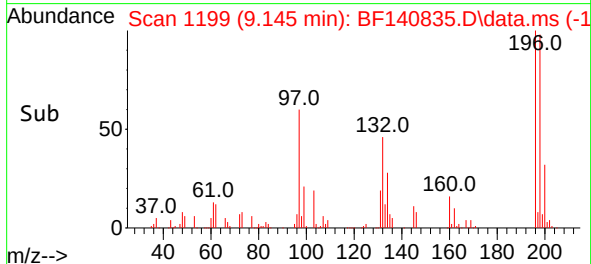
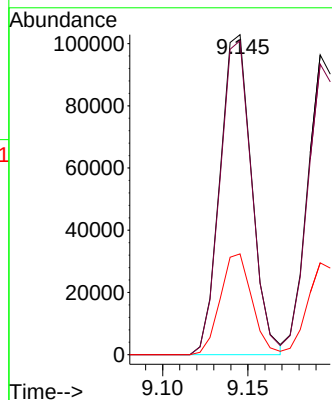
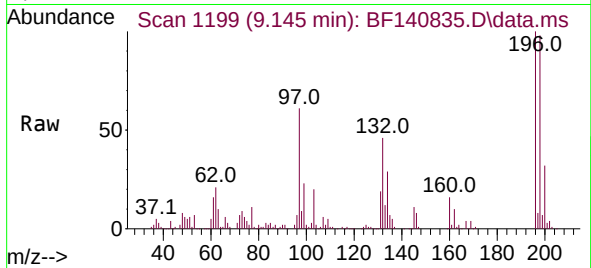




#43
2,4,6-Trichlorophenol
Concen: 50.226 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

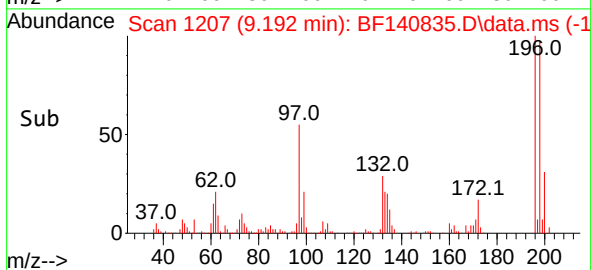
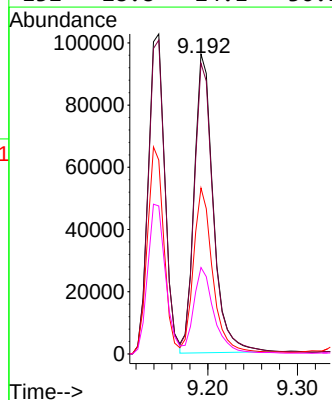
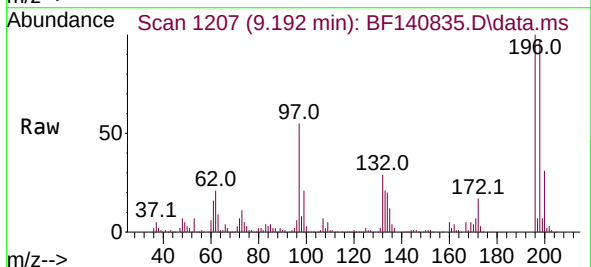
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

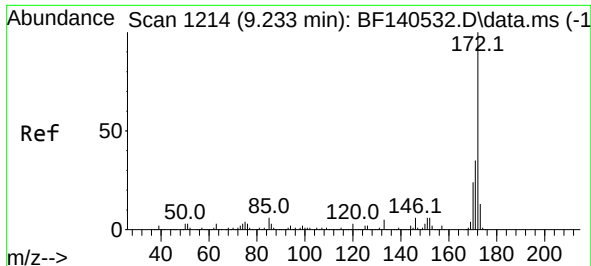
Tgt Ion:196 Resp: 133179
Ion Ratio Lower Upper
196 100
198 98.1 76.8 115.2
200 31.5 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 49.282 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:196 Resp: 141819
Ion Ratio Lower Upper
196 100
198 96.9 77.2 115.8
97 55.4 47.1 70.7
132 28.8 24.1 36.1

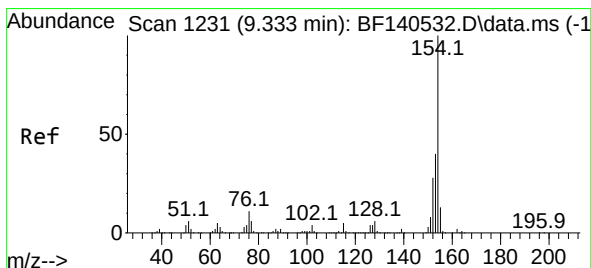
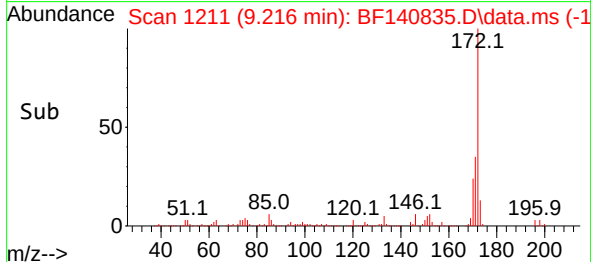
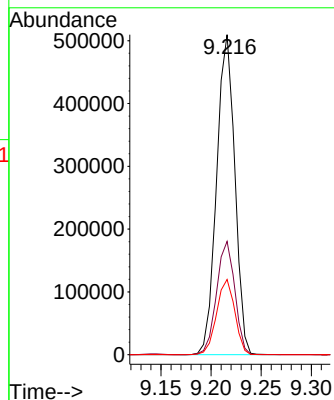
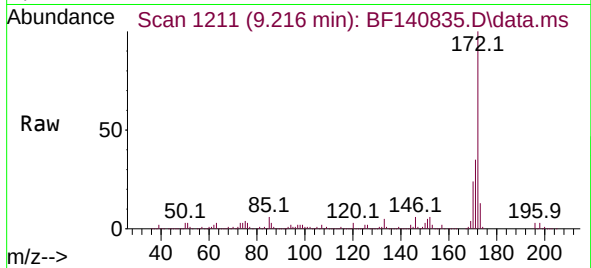




#45
2-Fluorobiphenyl
Concen: 66.321 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

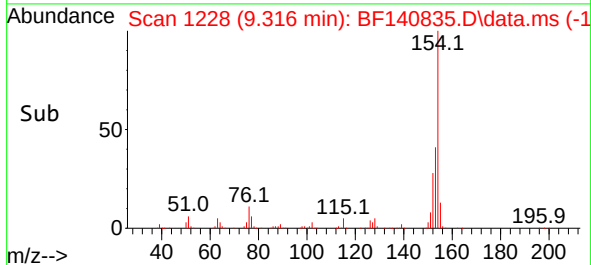
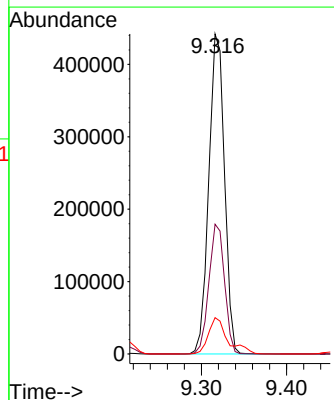
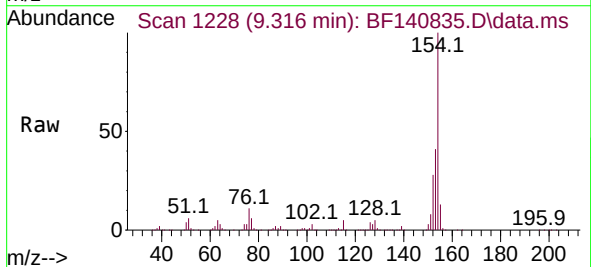
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

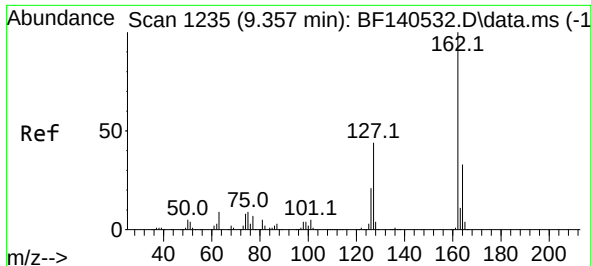
Tgt Ion:172 Resp: 642517
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 52.377 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.017 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:154 Resp: 564468
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.3 0.0 31.2

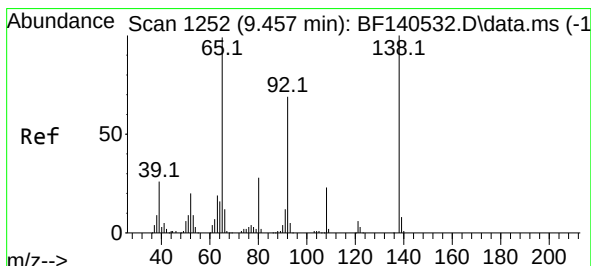
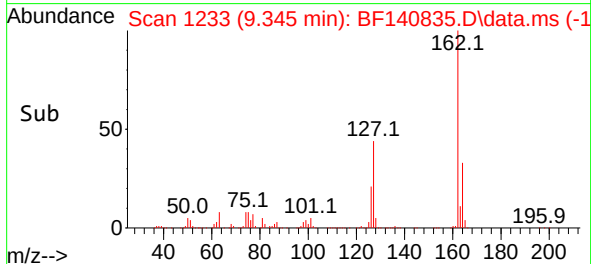
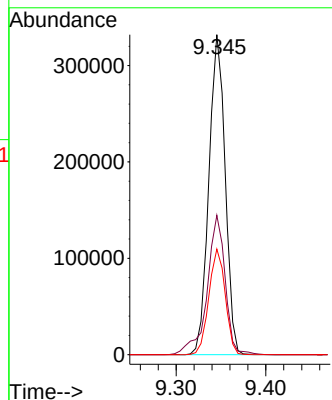
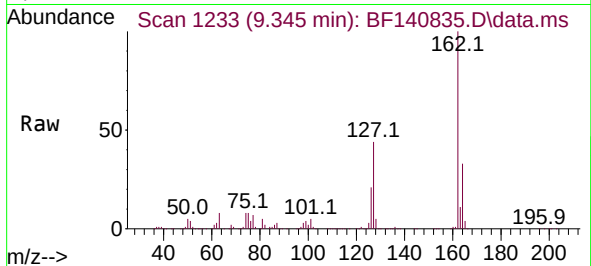




#47
2-Chloronaphthalene
Concen: 51.320 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

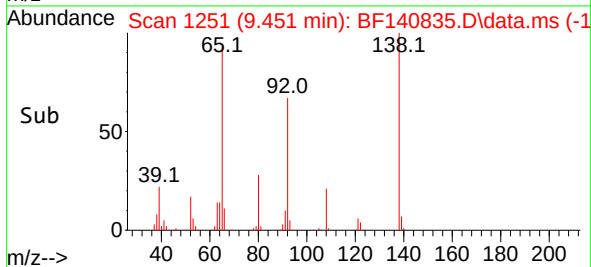
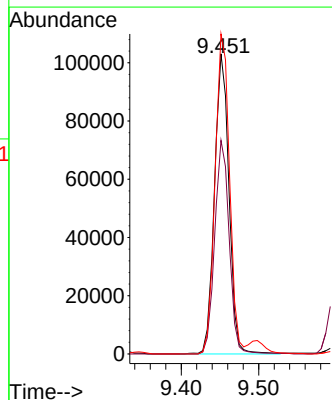
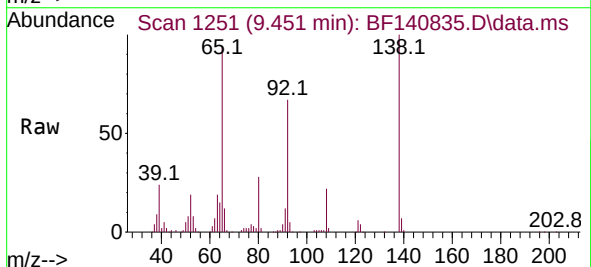
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

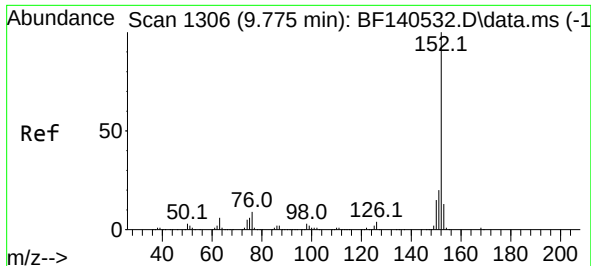
Tgt Ion:162 Resp: 419074
Ion Ratio Lower Upper
162 100
127 43.5 35.7 53.5
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 50.953 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion: 65 Resp: 133552
Ion Ratio Lower Upper
65 100
92 71.1 56.1 84.1
138 106.6 81.0 121.6





#49

Acenaphthylene

Concen: 55.433 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

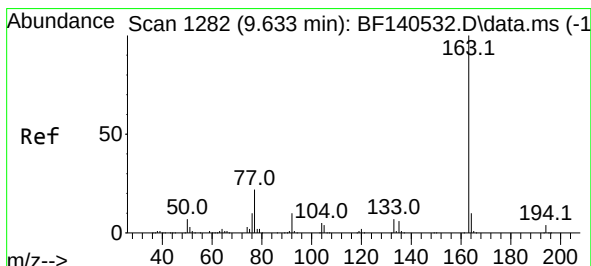
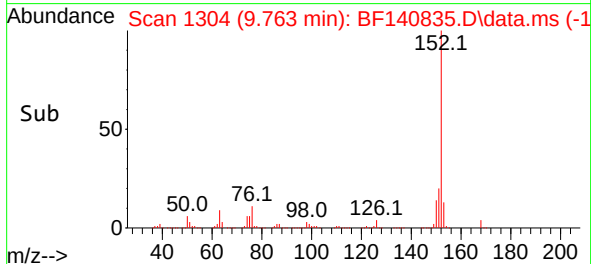
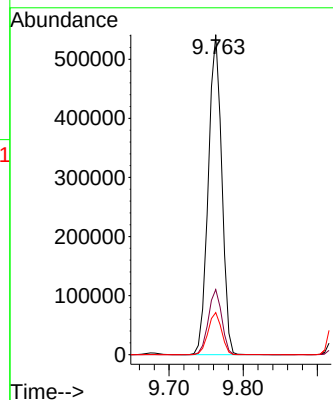
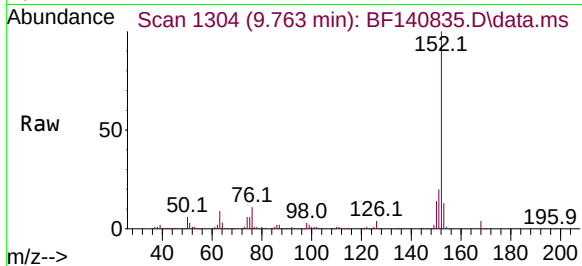
Tgt Ion:152 Resp: 683942

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 54.463 ng

RT: 9.622 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

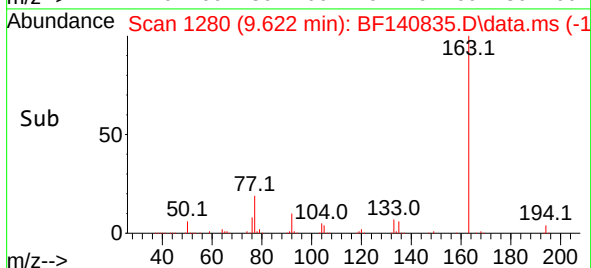
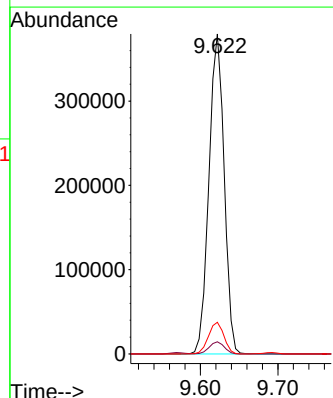
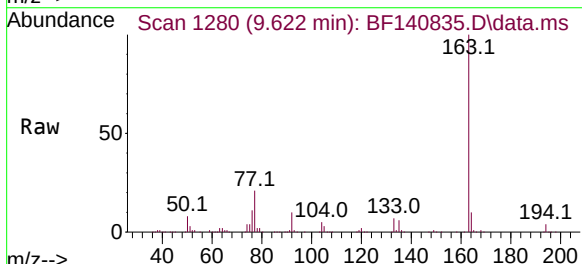
Tgt Ion:163 Resp: 517747

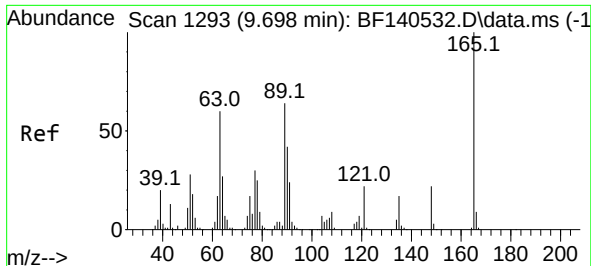
Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

164 9.9 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 51.228 ng

RT: 9.692 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

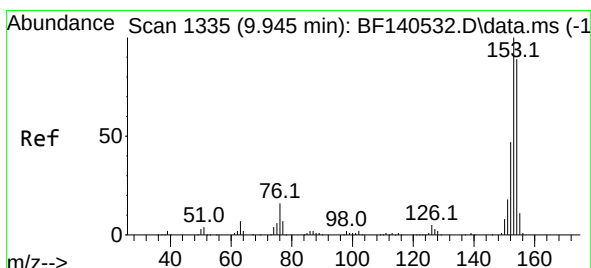
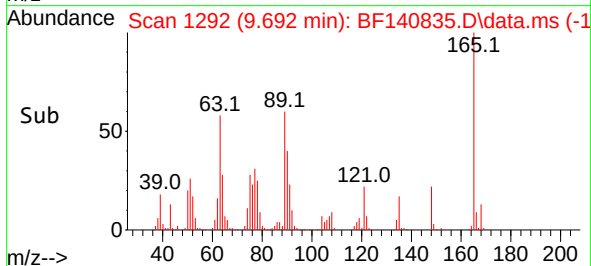
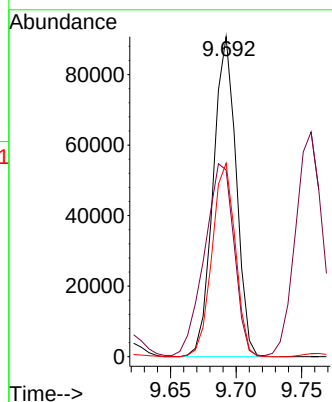
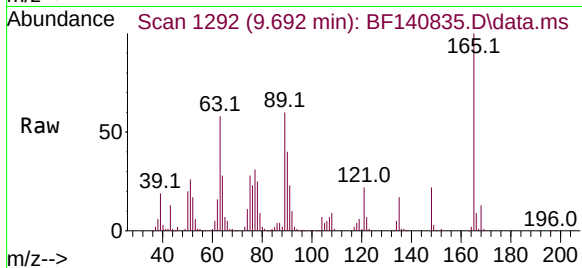
Tgt Ion:165 Resp: 110449

Ion Ratio Lower Upper

165 100

63 58.3 49.9 74.9

89 60.4 50.9 76.3



#52

Acenaphthene

Concen: 52.887 ng

RT: 9.934 min Scan# 1333

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

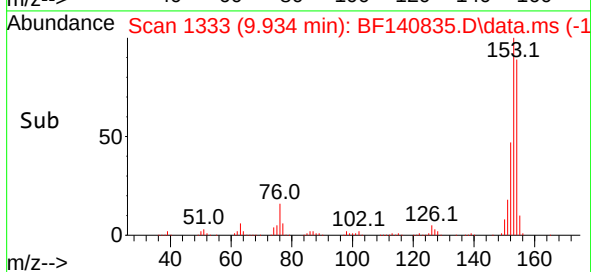
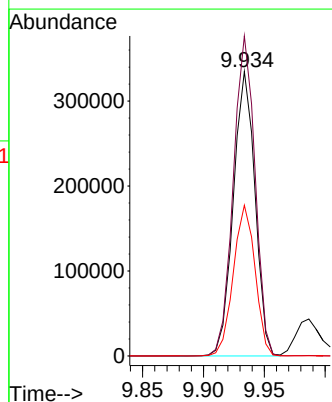
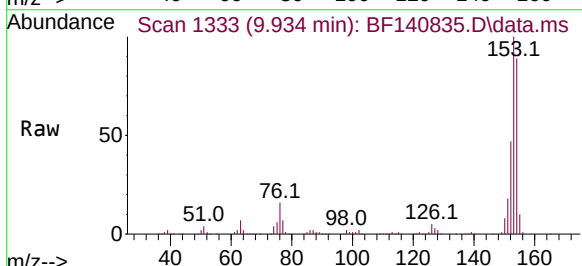
Tgt Ion:154 Resp: 414614

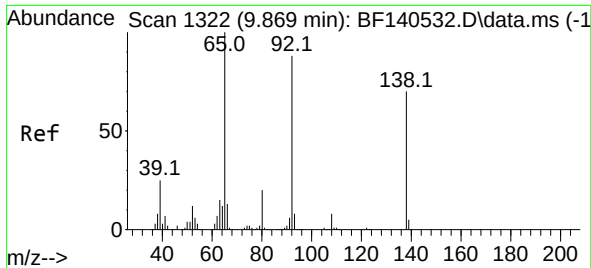
Ion Ratio Lower Upper

154 100

153 112.5 89.7 134.5

152 53.0 42.5 63.7

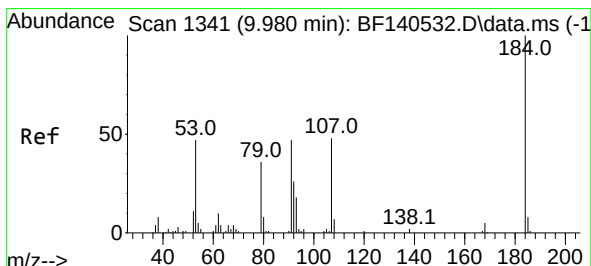
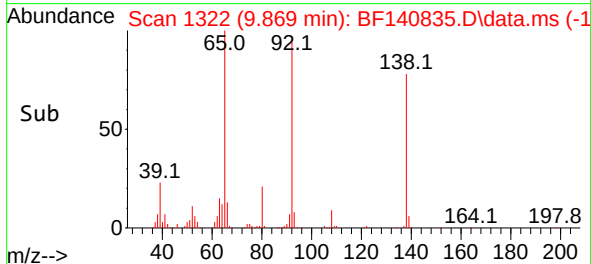
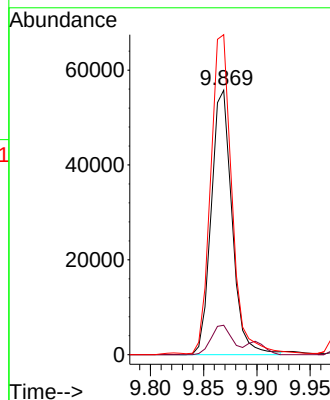
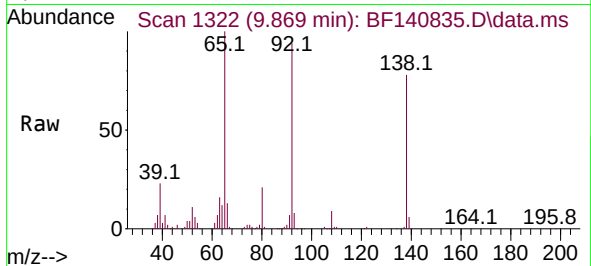




#53
3-Nitroaniline
Concen: 35.970 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

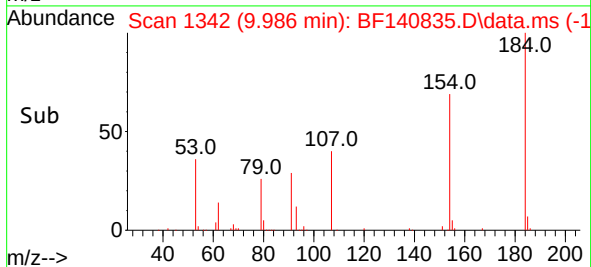
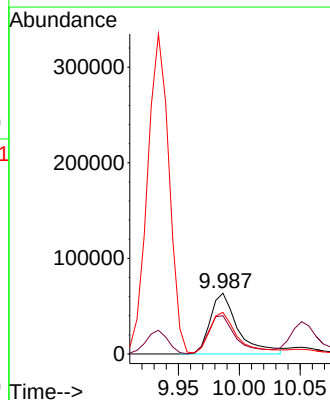
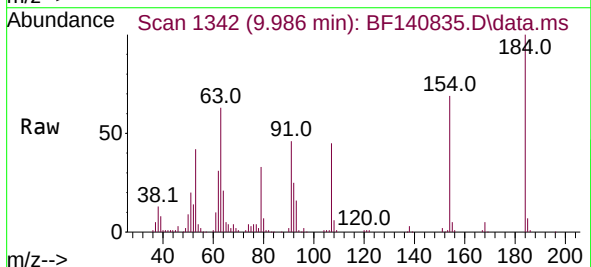
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

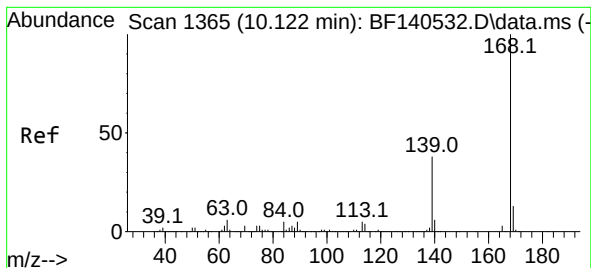
Tgt Ion:138 Resp: 75849
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 121.0 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 89.137 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:184 Resp: 100637
Ion Ratio Lower Upper
184 100
63 63.0 54.1 81.1
154 68.5 57.4 86.0





#55

Dibenzenofuran

Concen: 53.178 ng

RT: 10.110 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

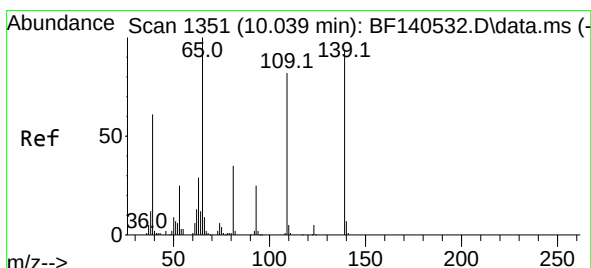
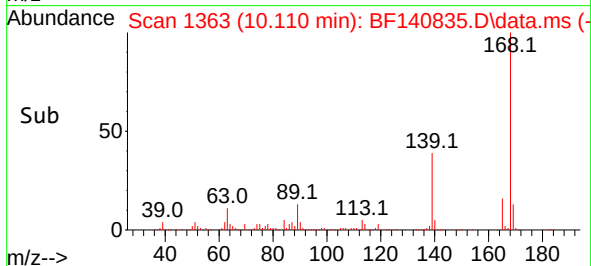
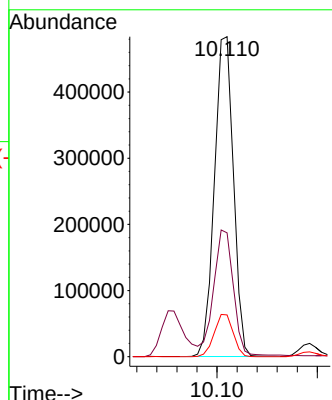
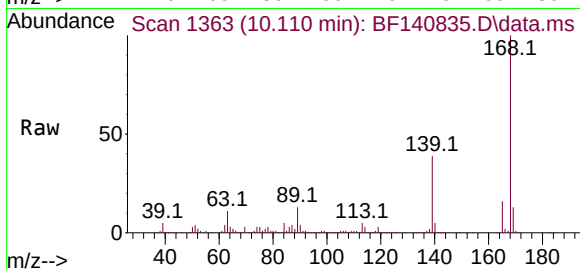
Tgt Ion:168 Resp: 635893

Ion Ratio Lower Upper

168 100

139 38.7 31.3 46.9

169 13.0 10.5 15.7



#56

4-Nitrophenol

Concen: 77.475 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

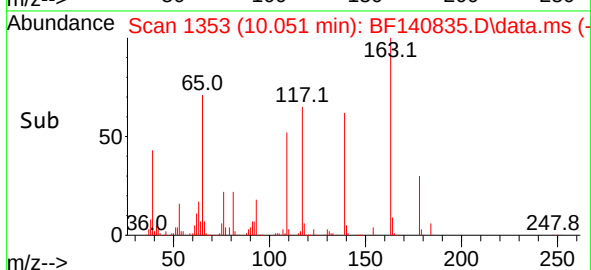
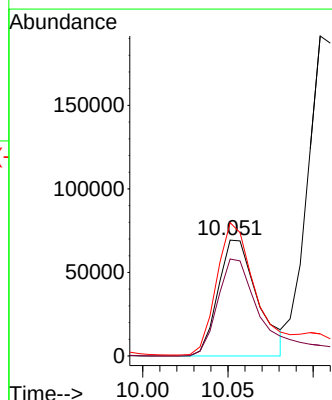
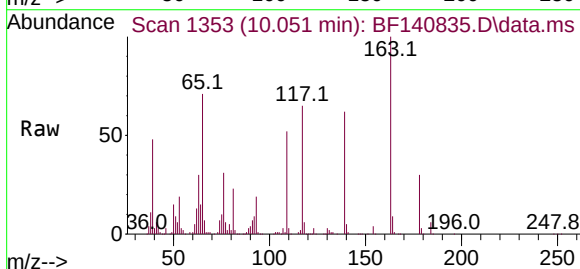
Tgt Ion:139 Resp: 111418

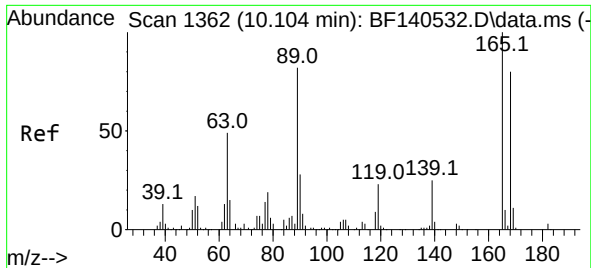
Ion Ratio Lower Upper

139 100

109 83.7 68.4 108.4

65 115.0 88.6 128.6

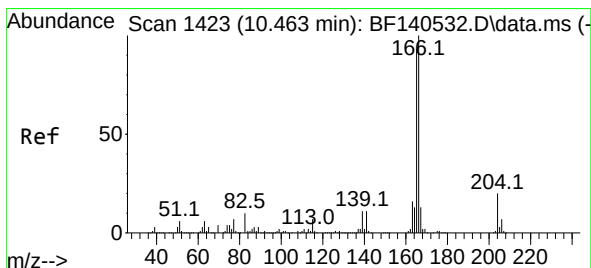
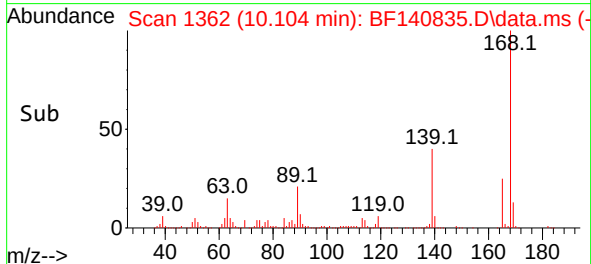
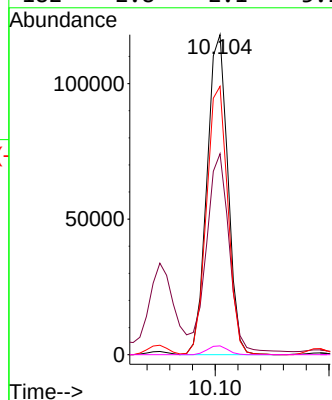
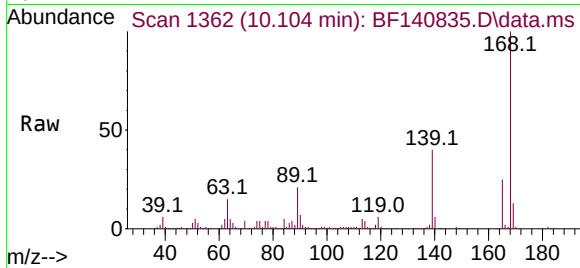




#57
2,4-Dinitrotoluene
Concen: 52.563 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

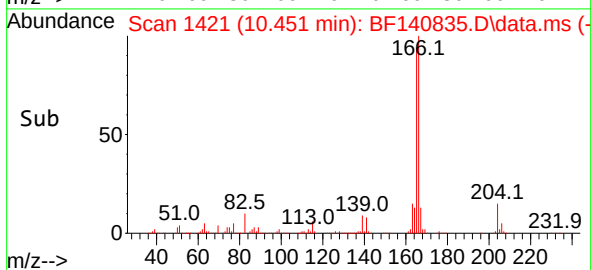
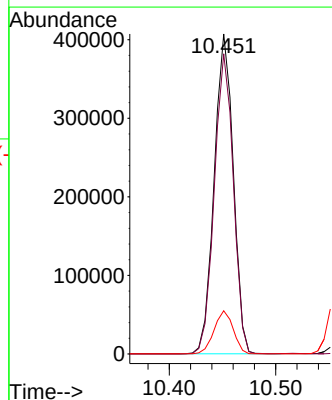
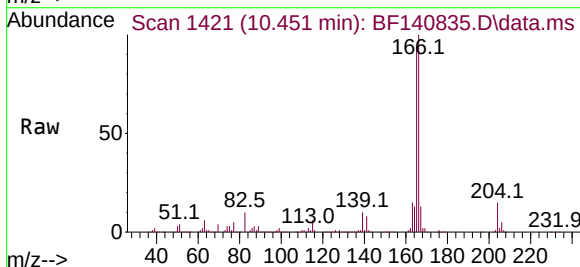
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

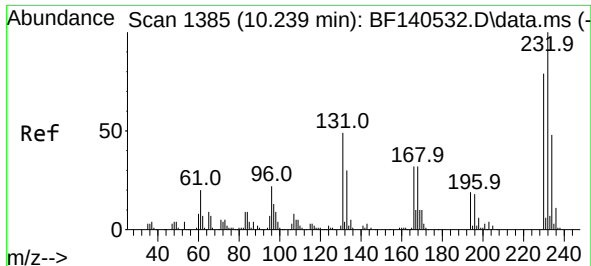
Tgt Ion:165 Resp: 150614
Ion Ratio Lower Upper
165 100
63 62.8 41.7 62.5#
89 83.8 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 52.754 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

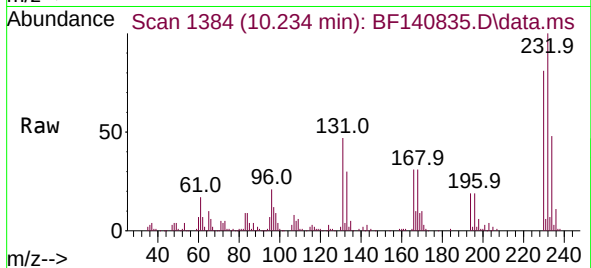
Tgt Ion:166 Resp: 506348
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.5 10.6 16.0



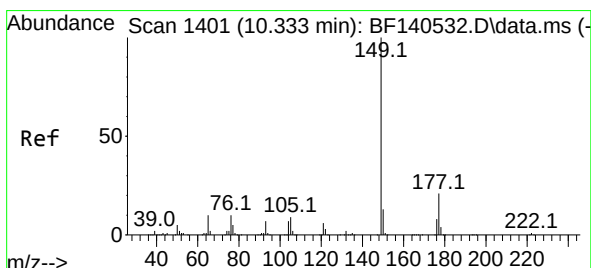
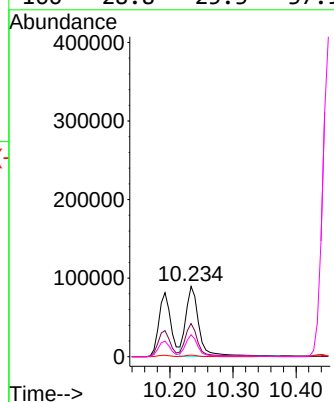
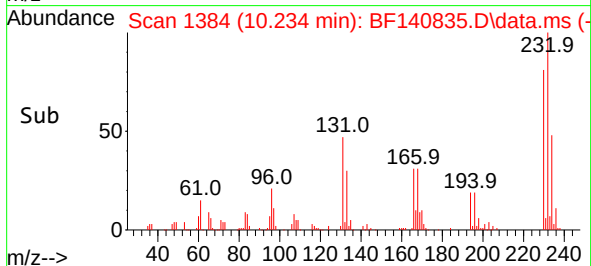


#59
2,3,4,6-Tetrachlorophenol
Concen: 57.211 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

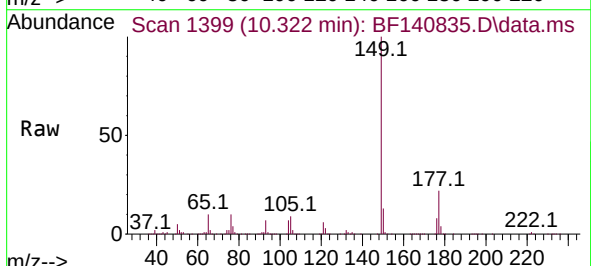
Instrument :
BNA_F
ClientSampleId :
WC-1MSD



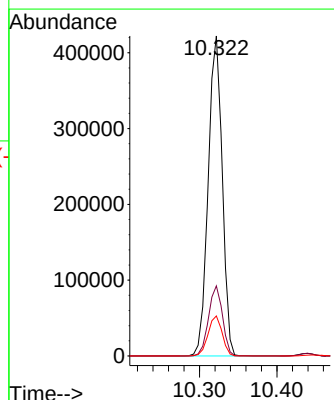
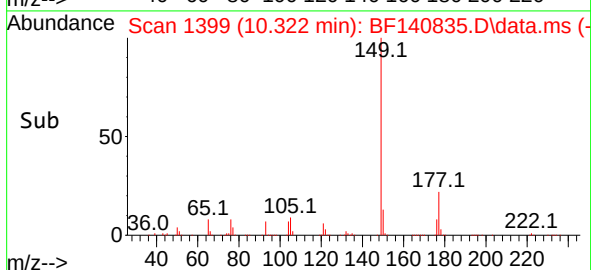
Tgt Ion:232 Resp: 126531
Ion Ratio Lower Upper
232 100
131 44.3 39.6 59.4
130 2.4 1.9 2.9
166 28.8 25.3 37.9

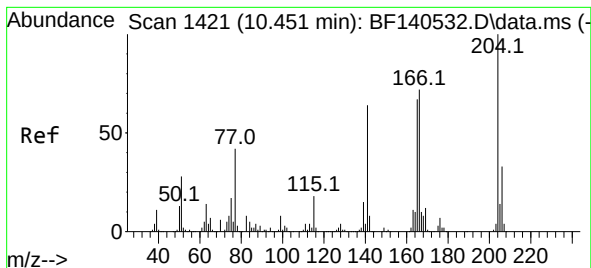


#60
Diethylphthalate
Concen: 54.911 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54



Tgt Ion:149 Resp: 530373
Ion Ratio Lower Upper
149 100
177 21.9 17.1 25.7
150 12.5 10.1 15.1

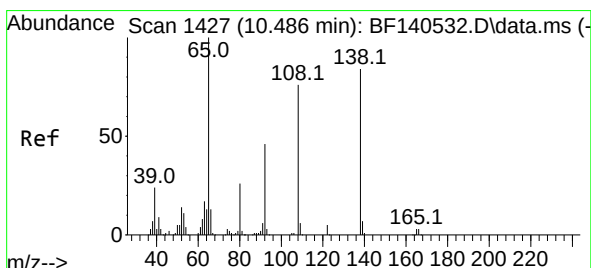
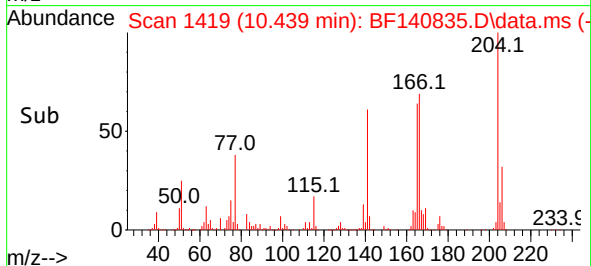
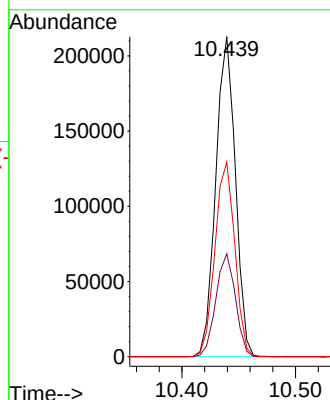
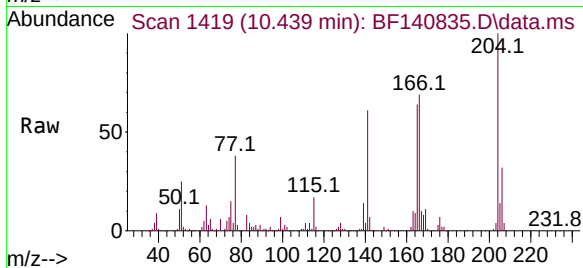




#61
4-Chlorophenyl-phenylether
Concen: 54.207 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

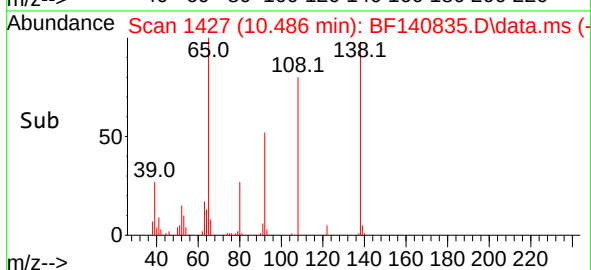
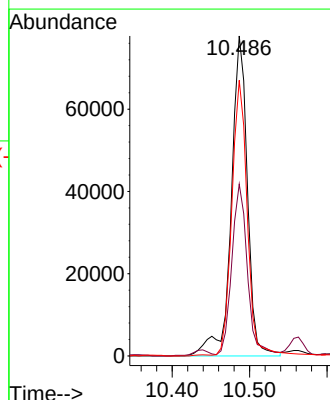
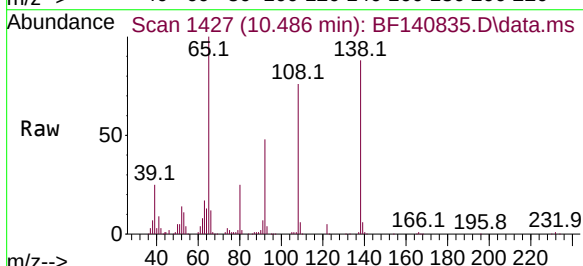
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

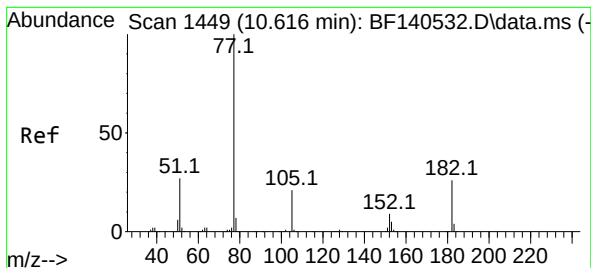
Tgt Ion:204 Resp: 255336
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 60.8 51.1 76.7



#62
4-Nitroaniline
Concen: 51.410 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:138 Resp: 113699
Ion Ratio Lower Upper
138 100
92 53.7 34.5 74.5
108 86.1 70.6 110.6





#63

Azobenzene

Concen: 59.313 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion: 77 Resp: 542523

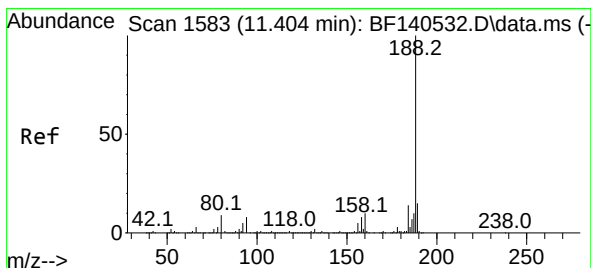
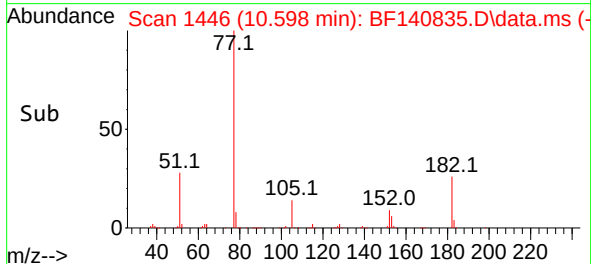
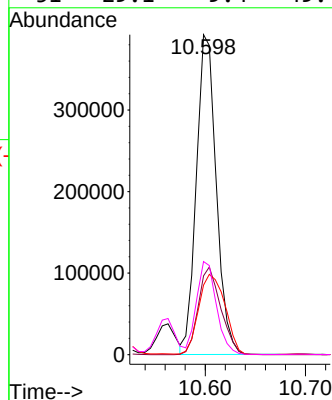
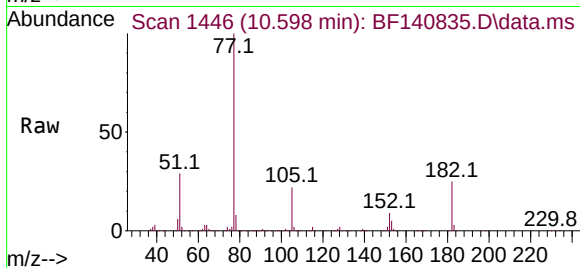
Ion Ratio Lower Upper

77 100

182 24.7 5.3 45.3

105 21.8 0.3 40.3

51 29.1 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

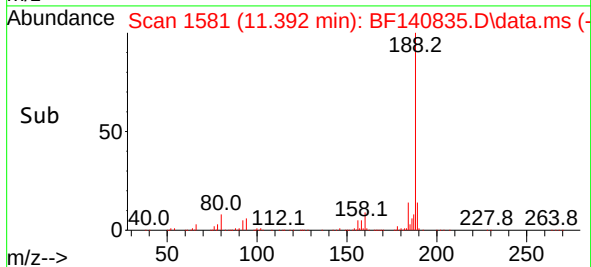
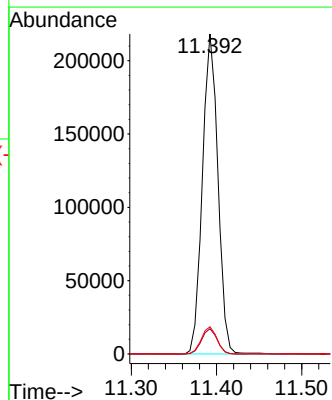
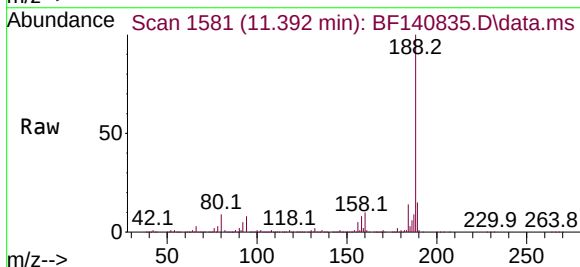
Tgt Ion:188 Resp: 275270

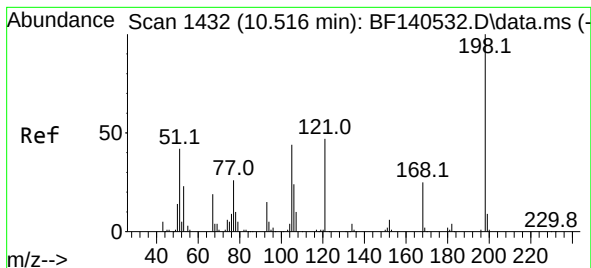
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.5 6.9 10.3

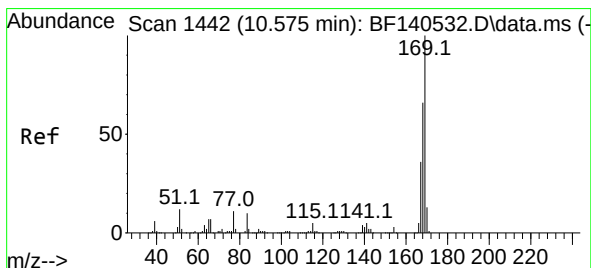
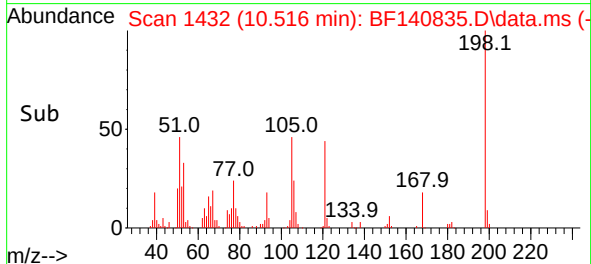
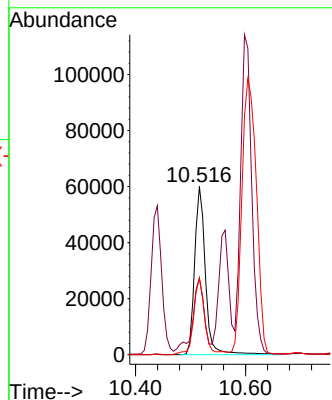
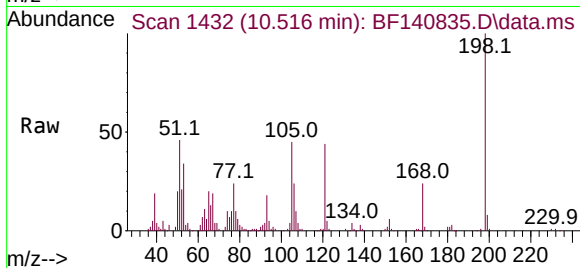




#65
4,6-Dinitro-2-methylphenol
Concen: 58.254 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

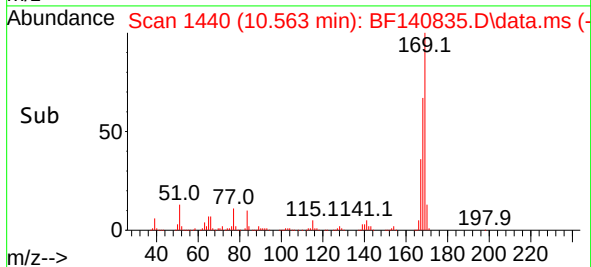
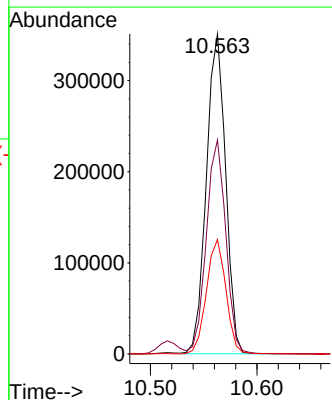
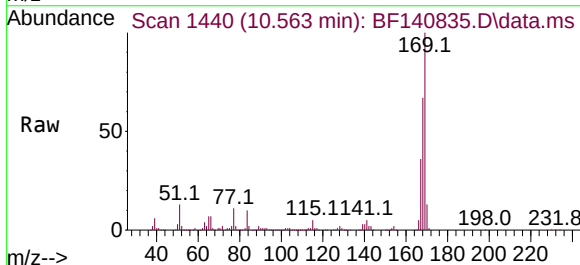
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

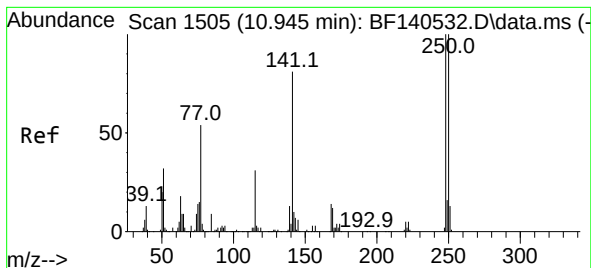
Tgt Ion:198 Resp: 81942
Ion Ratio Lower Upper
198 100
51 45.6 29.4 69.4
105 45.5 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 54.098 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:169 Resp: 440378
Ion Ratio Lower Upper
169 100
168 66.9 53.2 79.8
167 35.8 29.0 43.6

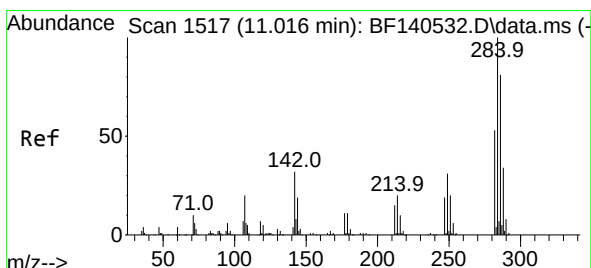
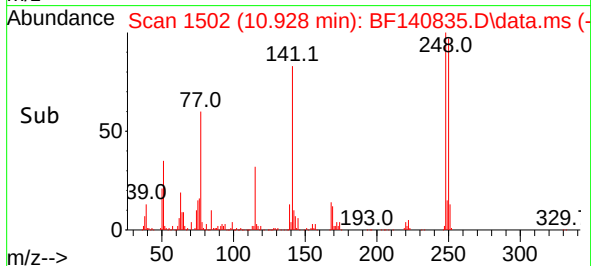
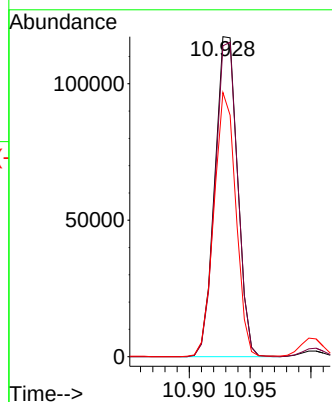
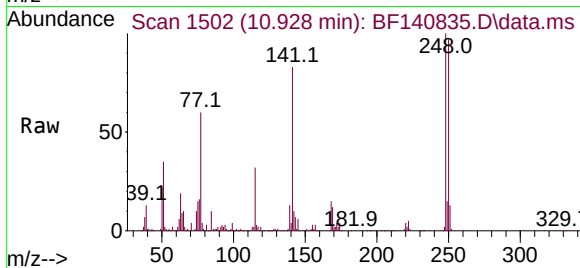




#67
4-Bromophenyl-phenylether
Concen: 53.729 ng
RT: 10.928 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

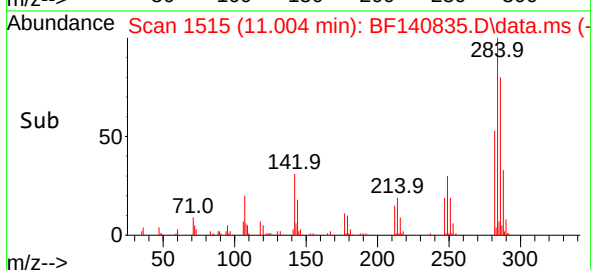
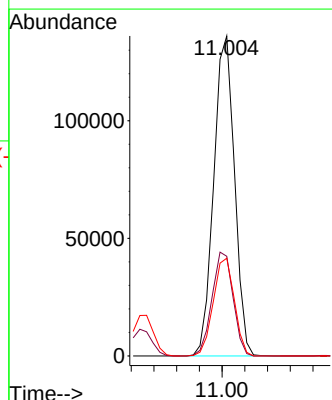
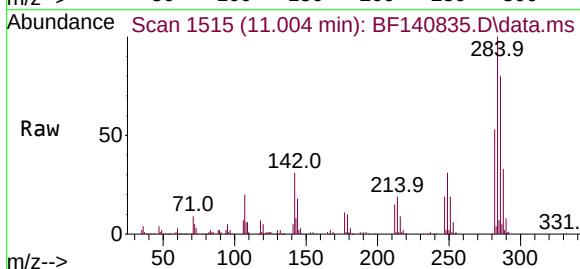
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

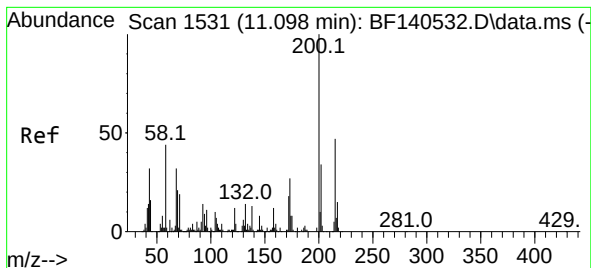
Tgt Ion:248 Resp: 152313
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 82.6 64.7 97.1



#68
Hexachlorobenzene
Concen: 52.597 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:284 Resp: 172648
Ion Ratio Lower Upper
284 100
142 31.1 25.3 37.9
249 30.6 24.8 37.2





#69

Atrazine

Concen: 64.818 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

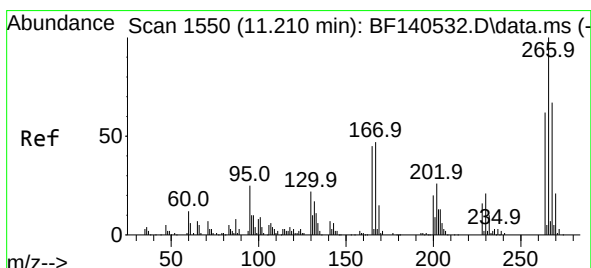
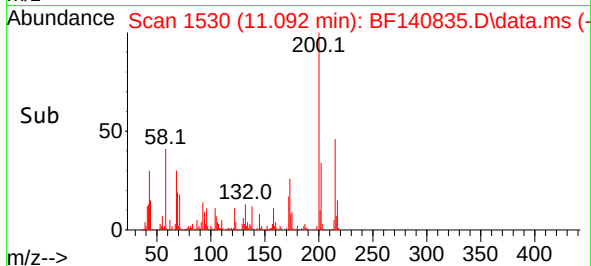
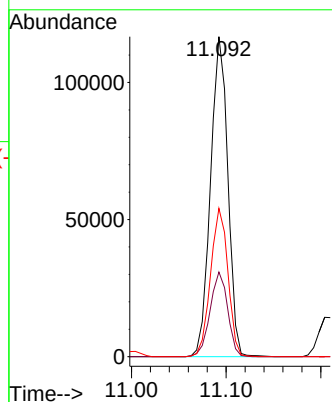
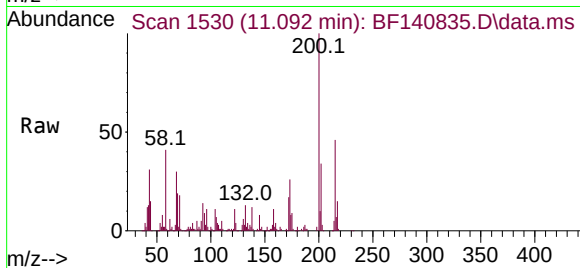
Tgt Ion:200 Resp: 148438

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 46.4 26.7 66.7



#70

Pentachlorophenol

Concen: 87.899 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

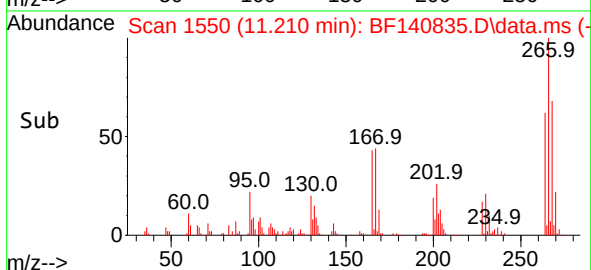
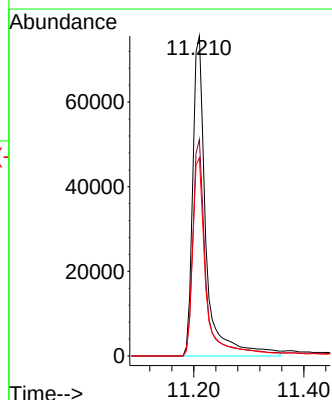
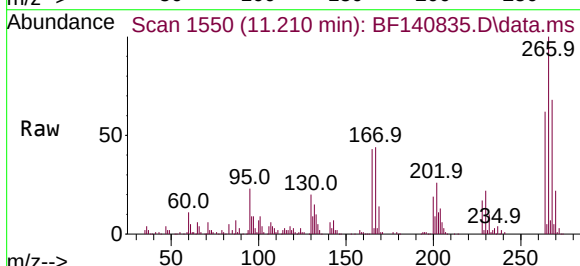
Tgt Ion:266 Resp: 126988

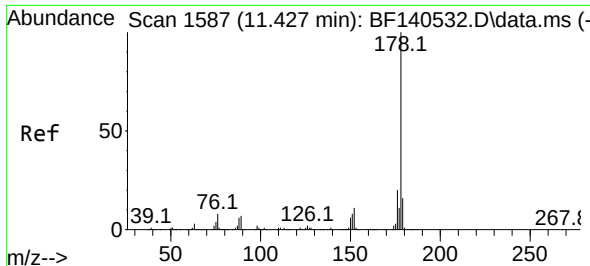
Ion Ratio Lower Upper

266 100

268 67.6 53.7 80.5

264 61.9 49.8 74.8

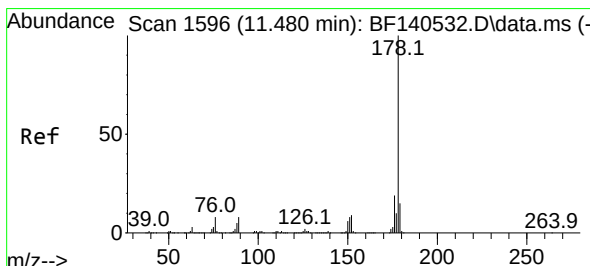
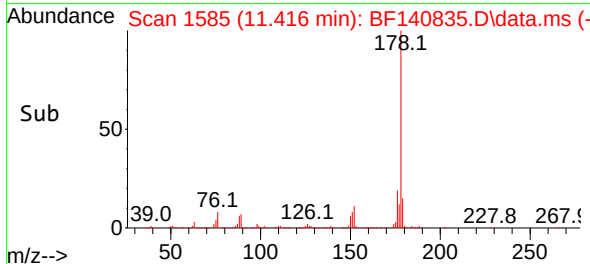
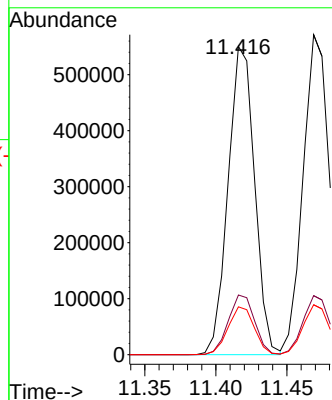
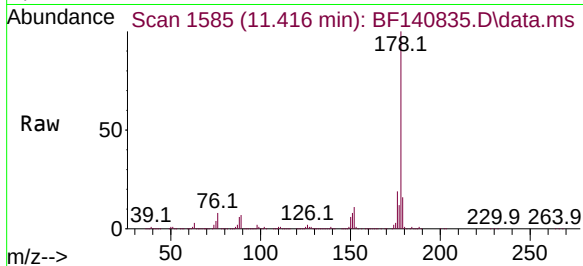




#71
Phenanthrene
Concen: 53.942 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

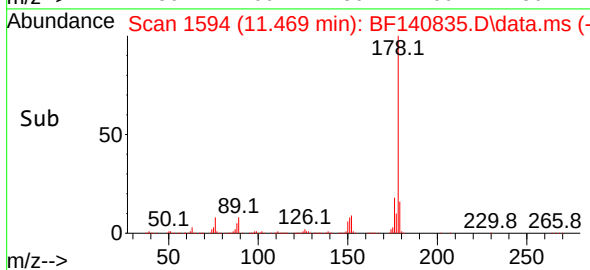
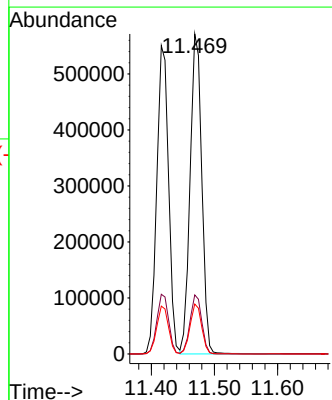
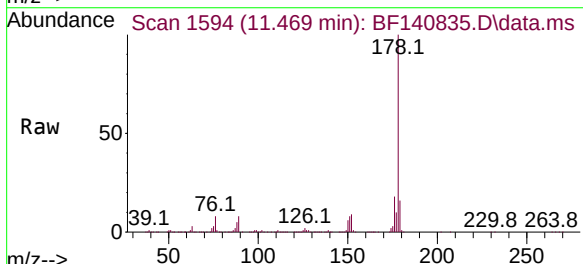
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

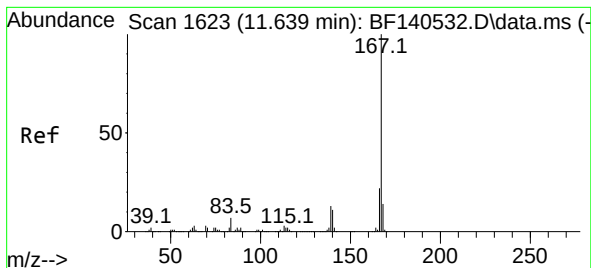
Tgt Ion:178 Resp: 713761
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.5 12.4 18.6



#72
Anthracene
Concen: 56.902 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:178 Resp: 736507
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.6 12.2 18.4





#73

Carbazole

Concen: 52.416 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

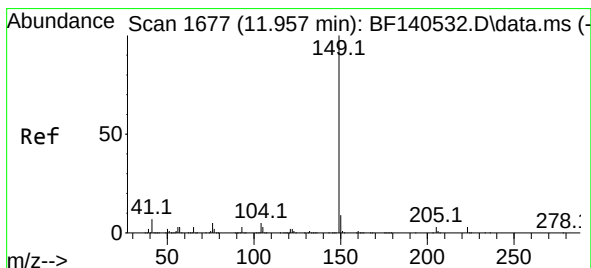
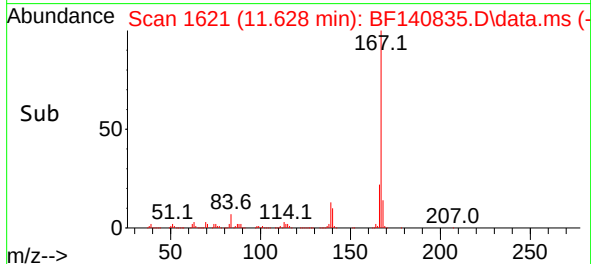
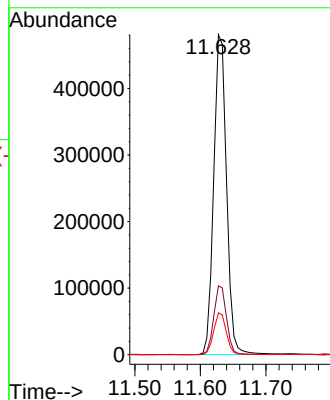
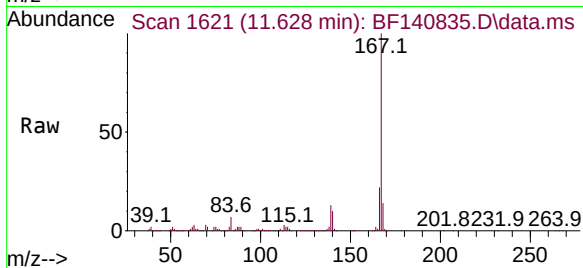
Tgt Ion:167 Resp: 652667

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.1 10.6 15.8



#74

Di-n-butylphthalate

Concen: 57.309 ng

RT: 11.945 min Scan# 1675

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

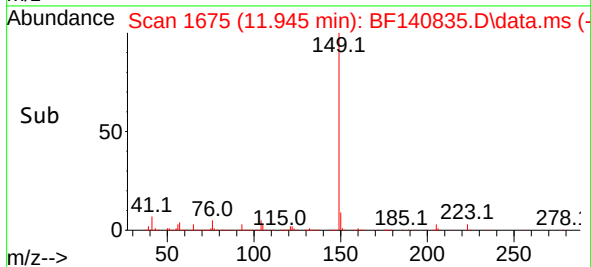
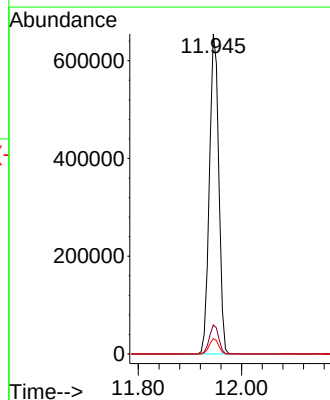
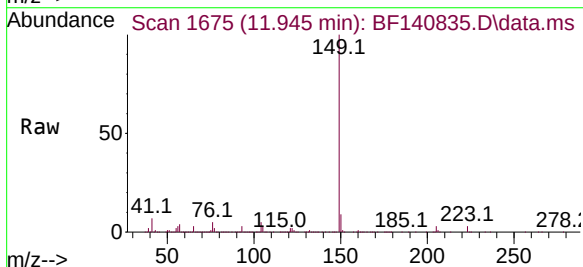
Tgt Ion:149 Resp: 823837

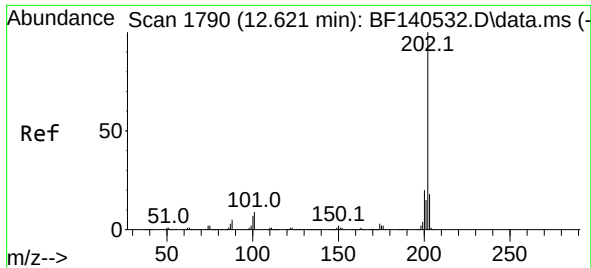
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.8 4.1 6.1

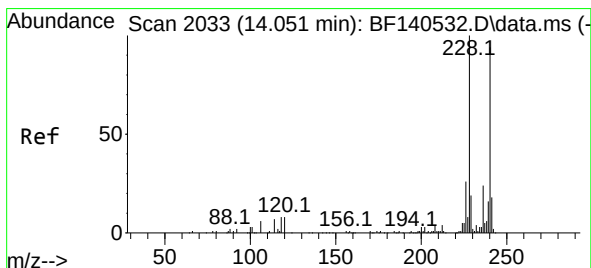
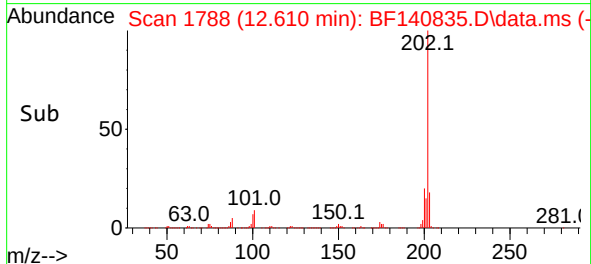
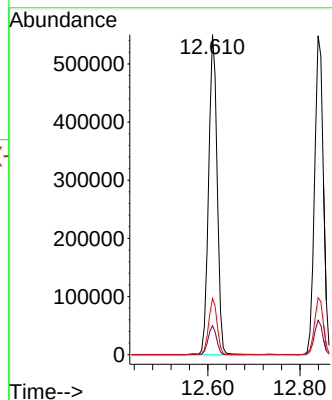
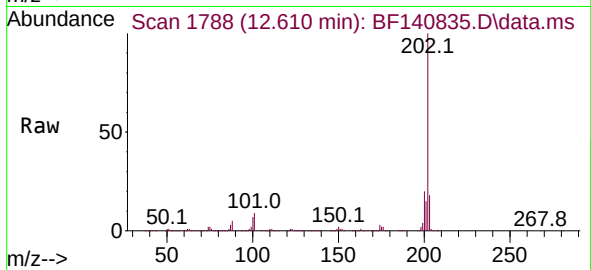




#75
Fluoranthene
Concen: 49.638 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

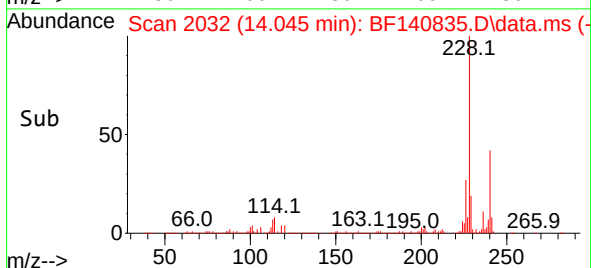
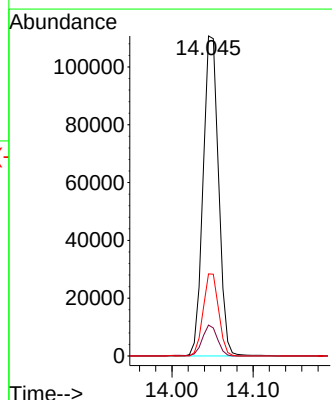
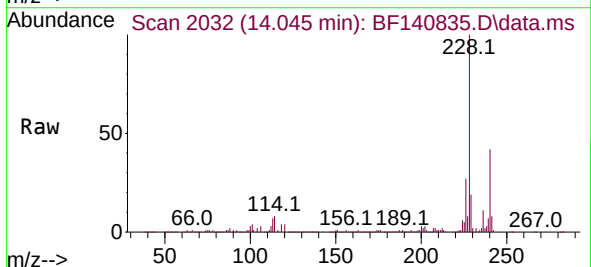
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

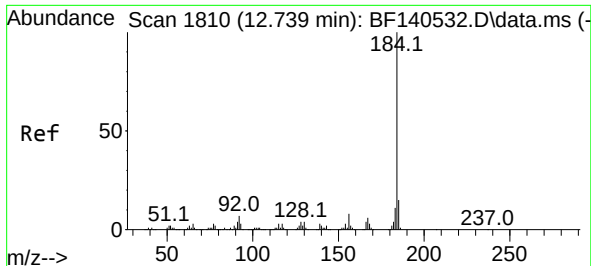
Tgt Ion:202 Resp: 713125
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:240 Resp: 146409
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.7 20.6 31.0

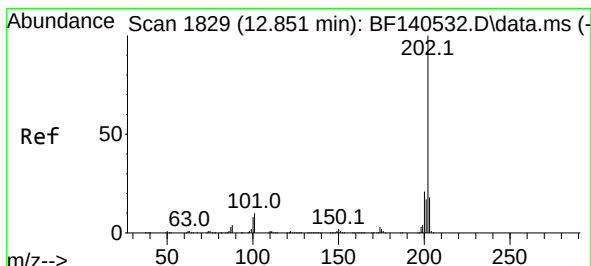
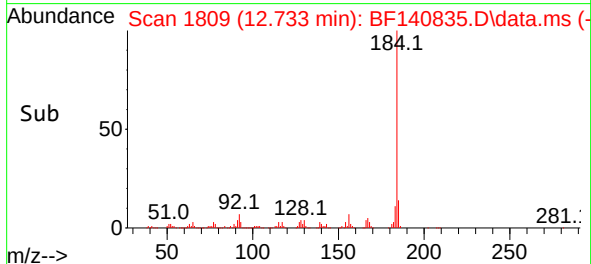
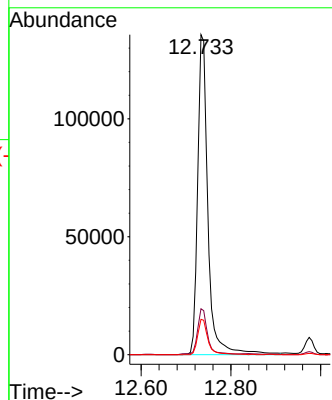
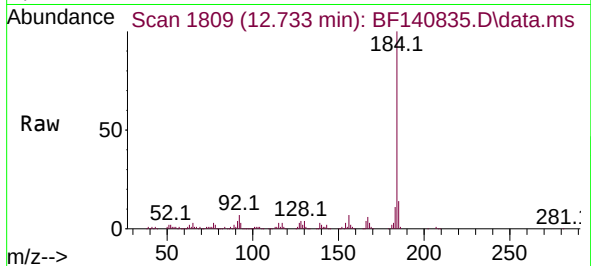




#77
Benzidine
Concen: 50.753 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

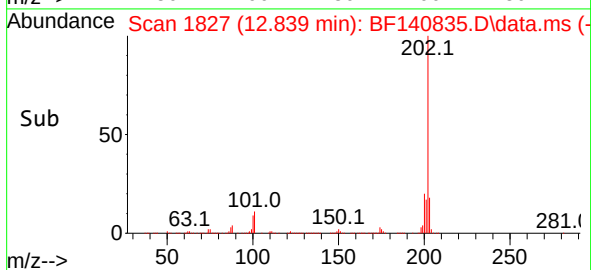
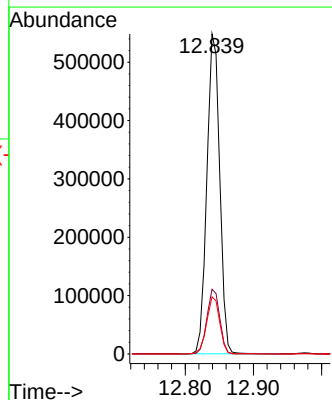
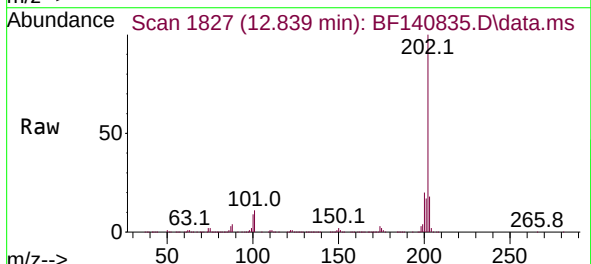
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

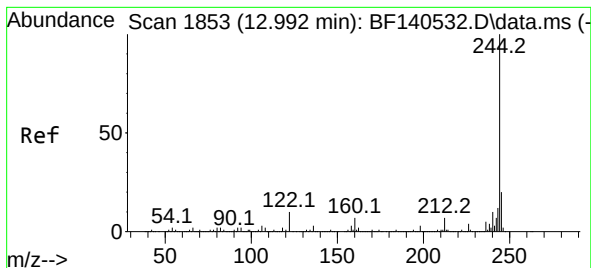
Tgt Ion:184 Resp: 216045
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 11.1 8.8 13.2



#78
Pyrene
Concen: 53.047 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:202 Resp: 718109
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.9 14.2 21.4





#79

Terphenyl-d14

Concen: 66.094 ng

RT: 12.975 min Scan# 1850

Delta R.T. -0.018 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

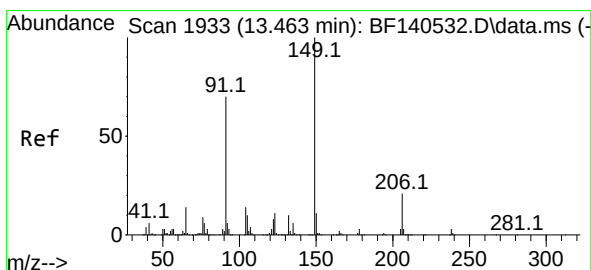
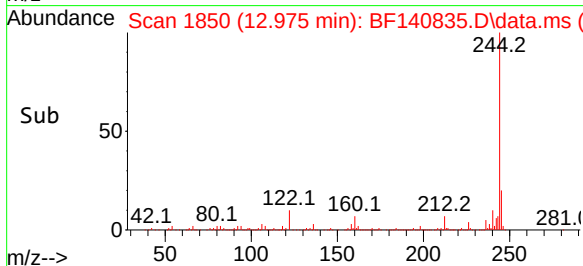
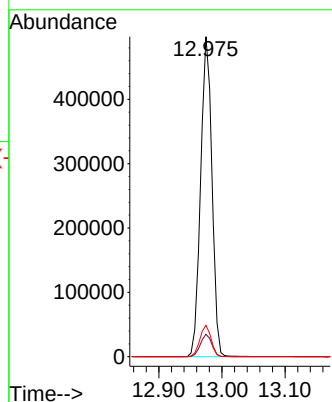
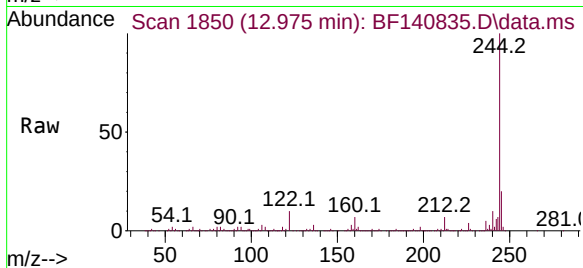
Tgt Ion:244 Resp: 621446

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.8 8.0 12.0



#80

Butylbenzylphthalate

Concen: 56.461 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

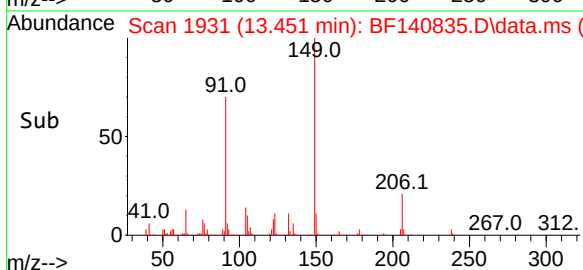
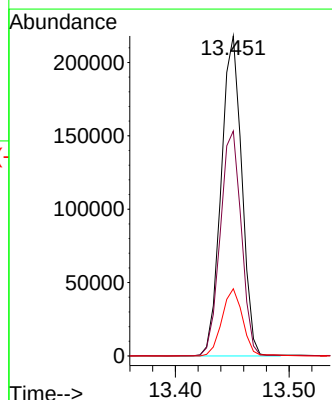
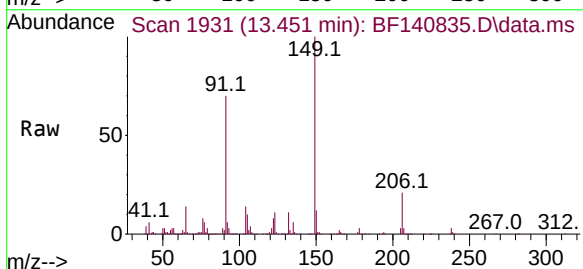
Tgt Ion:149 Resp: 275341

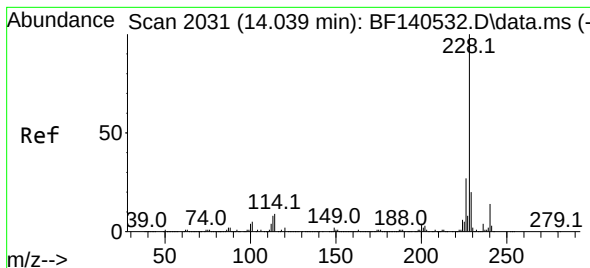
Ion Ratio Lower Upper

149 100

91 70.3 56.2 84.2

206 21.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 55.440 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

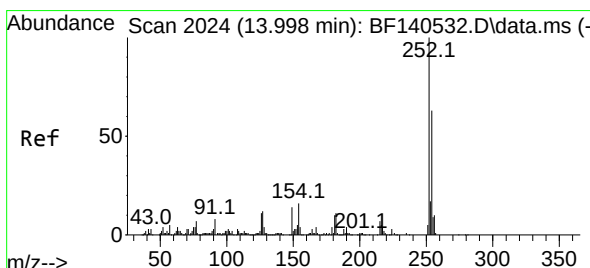
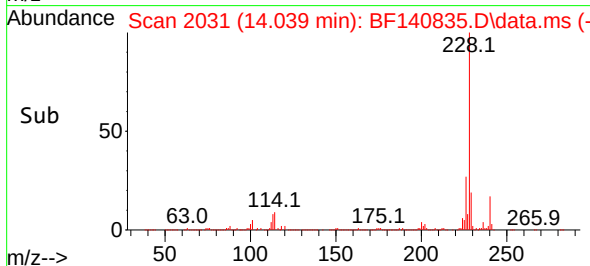
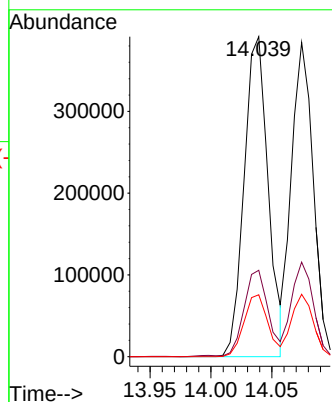
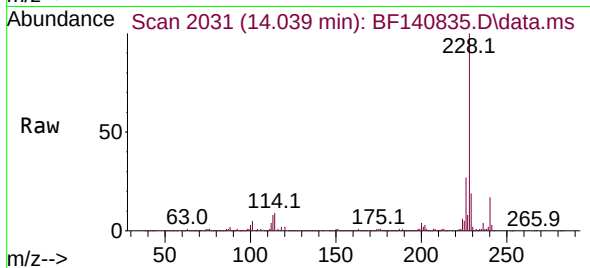
Tgt Ion:228 Resp: 537310

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 38.720 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

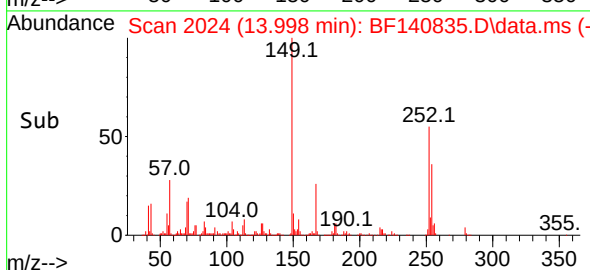
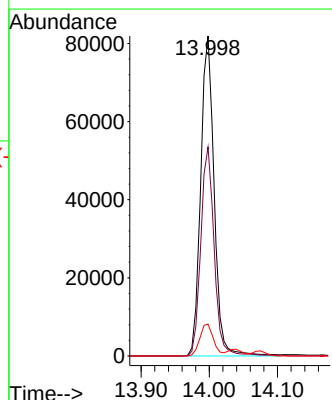
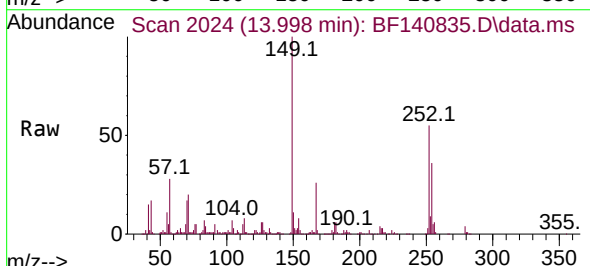
Tgt Ion:252 Resp: 112669

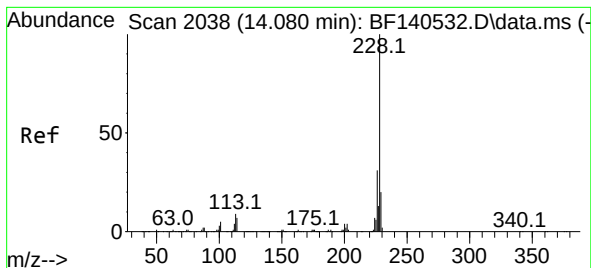
Ion Ratio Lower Upper

252 100

254 65.3 50.8 76.2

126 10.0 8.6 13.0





#83

Chrysene

Concen: 54.138 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

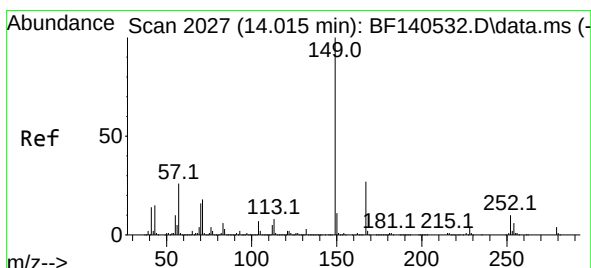
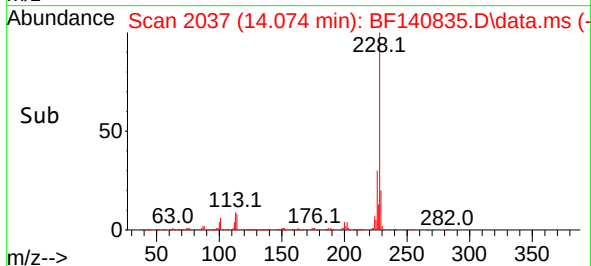
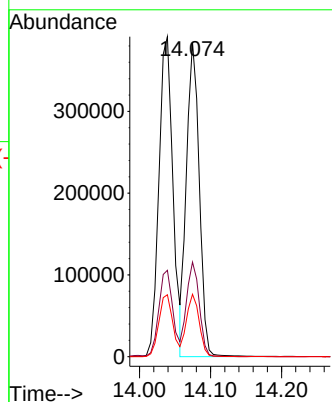
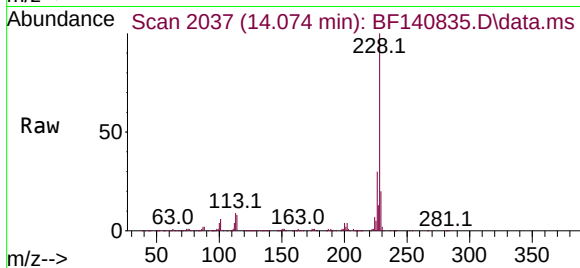
Tgt Ion:228 Resp: 479767

Ion Ratio Lower Upper

228 100

226 30.1 24.4 36.6

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 58.501 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

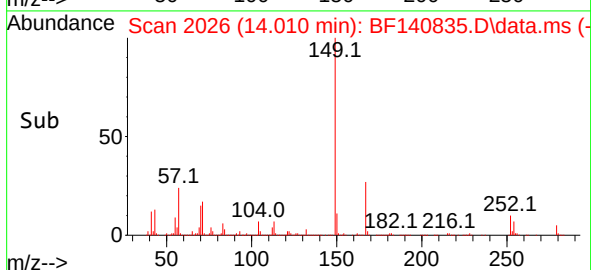
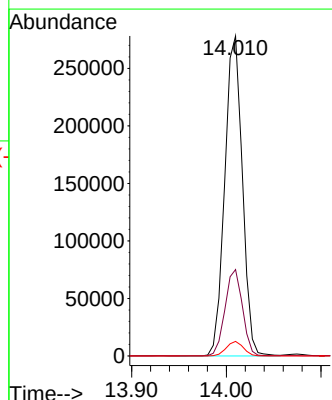
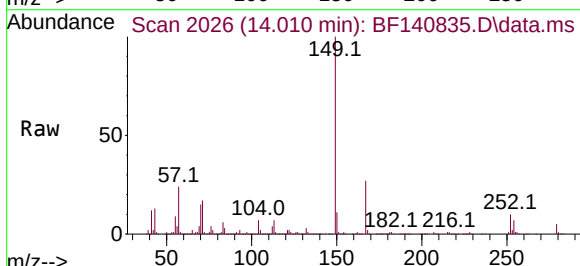
Tgt Ion:149 Resp: 360238

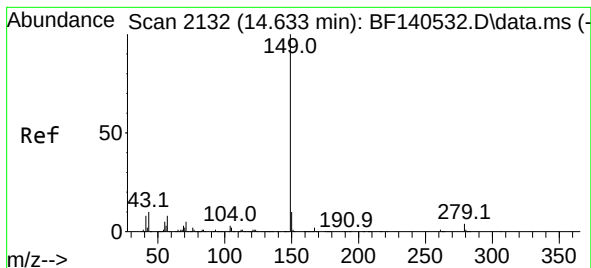
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

279 4.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 66.512 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

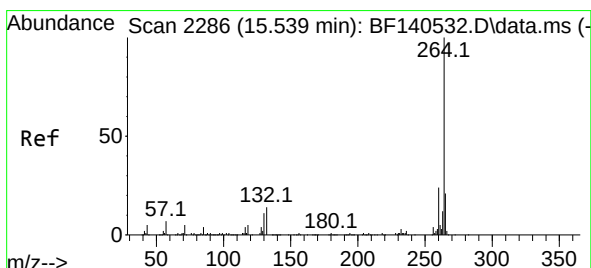
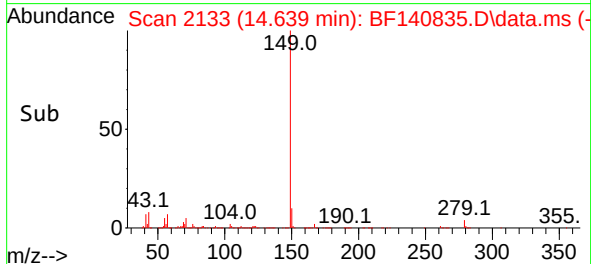
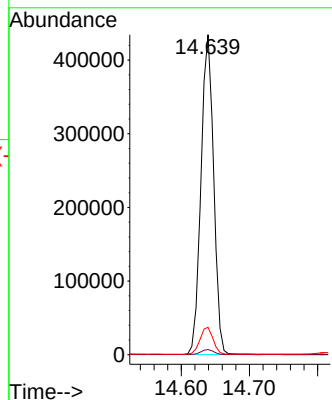
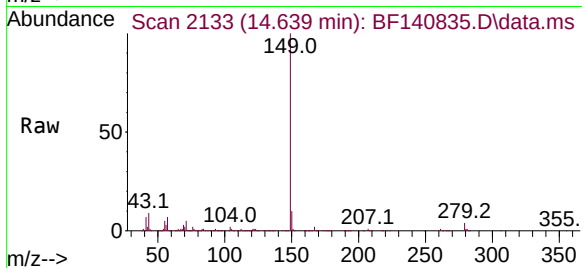
Tgt Ion:149 Resp: 559727

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2286

Delta R.T. 0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

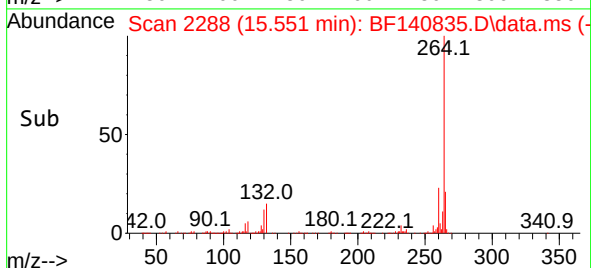
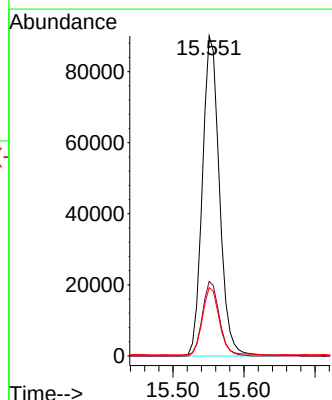
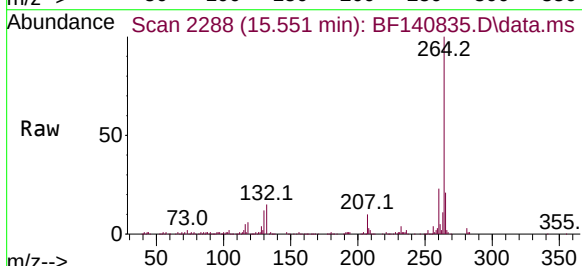
Tgt Ion:264 Resp: 150652

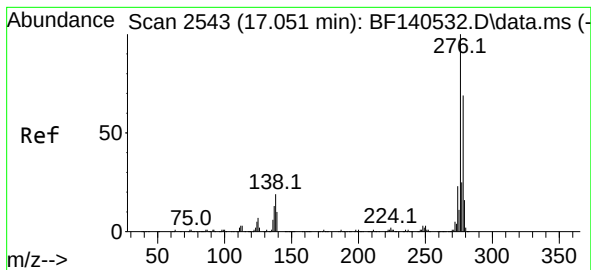
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.4 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.355 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

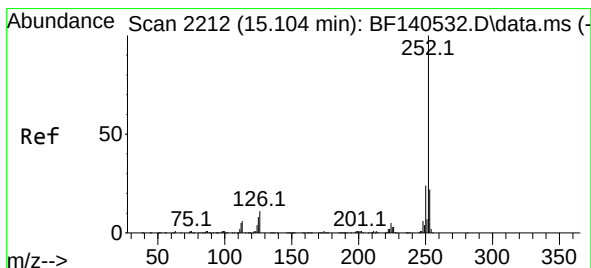
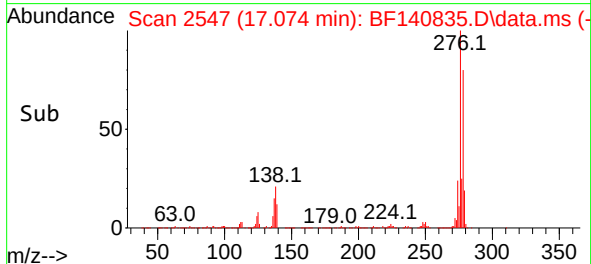
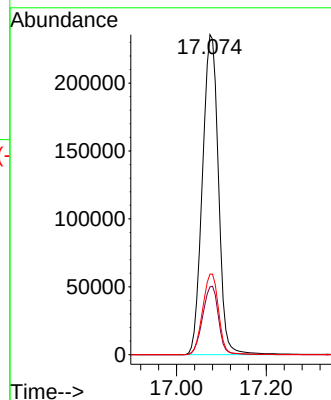
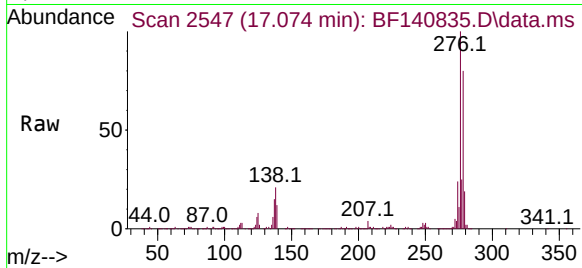
Tgt Ion:276 Resp: 582740

Ion Ratio Lower Upper

276 100

138 21.3 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 51.927 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.012 min

Lab File: BF140835.D

Acq: 11 Dec 2024 17:54

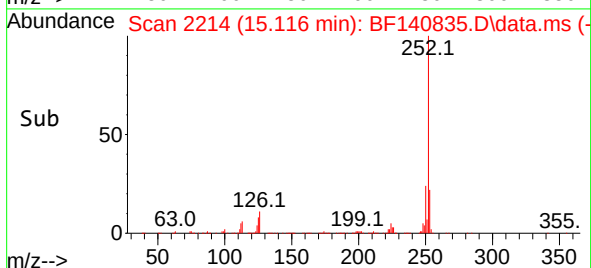
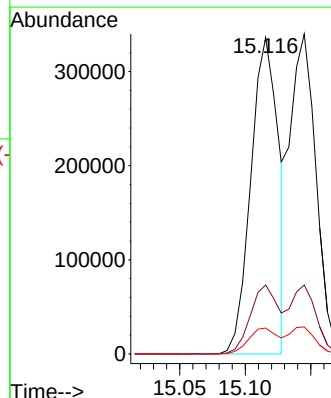
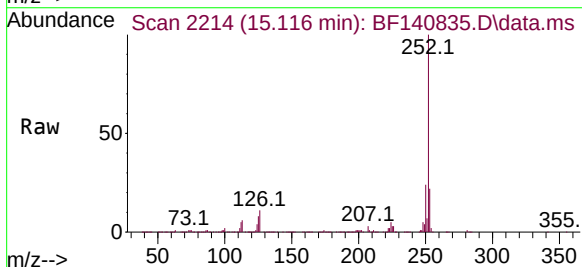
Tgt Ion:252 Resp: 491364

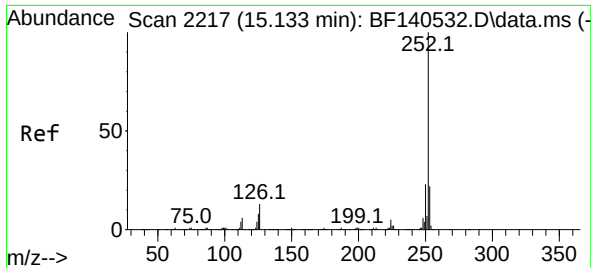
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 8.2 6.7 10.1

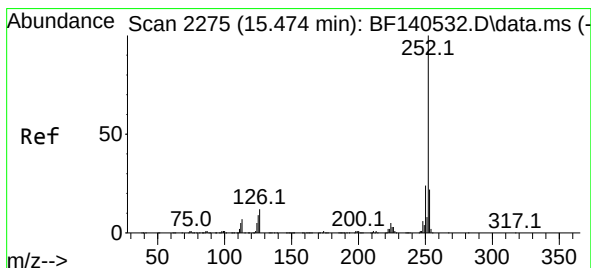
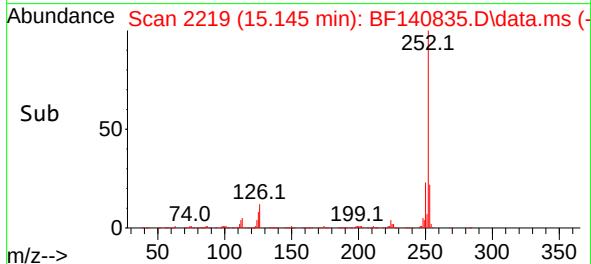
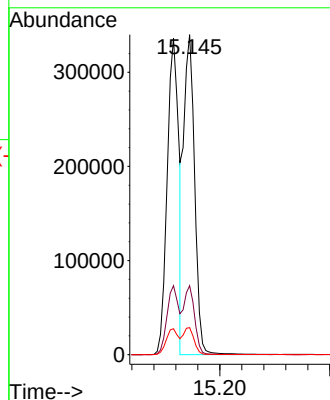
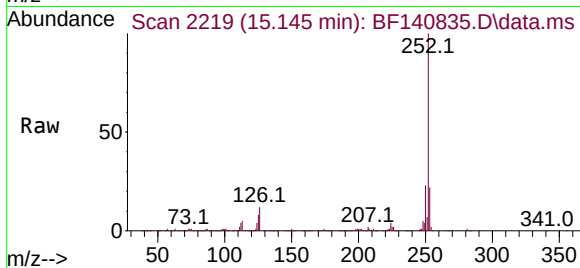




#89
Benzo(k)fluoranthene
Concen: 56.931 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

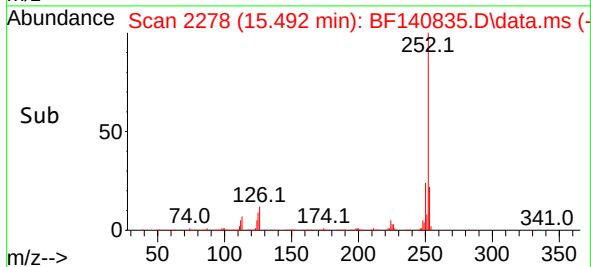
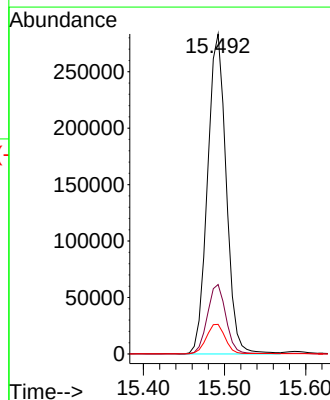
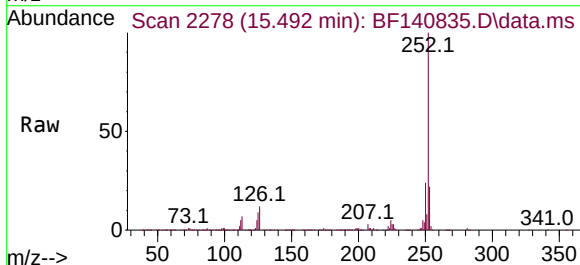
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

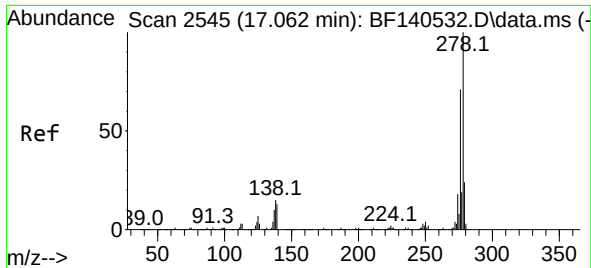
Tgt Ion:252 Resp: 471429
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 8.5 6.5 9.7



#90
Benzo(a)pyrene
Concen: 58.826 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:252 Resp: 452601
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 9.3 7.0 10.6

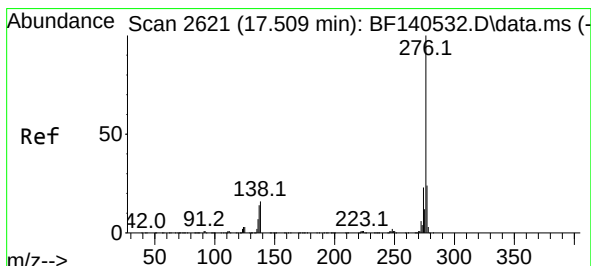
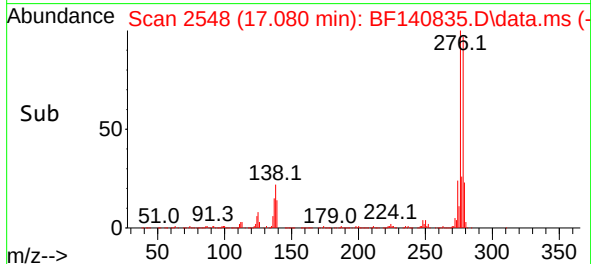
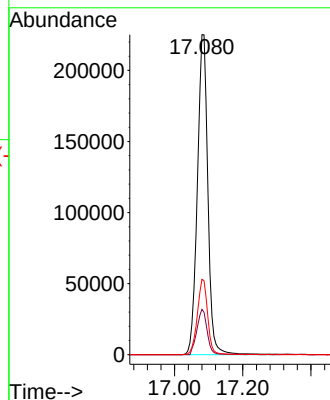
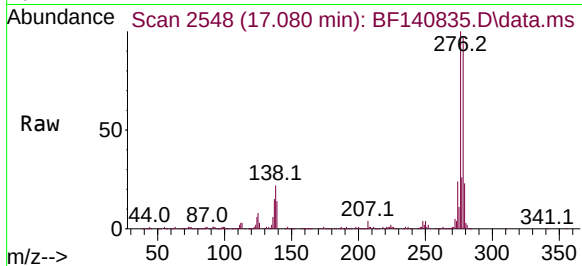




#91
Dibenzo(a,h)anthracene
Concen: 59.976 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion:278 Resp: 482233
Ion Ratio Lower Upper
278 100
139 14.1 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 50.781 ng
RT: 17.533 min Scan# 2625
Delta R.T. 0.024 min
Lab File: BF140835.D
Acq: 11 Dec 2024 17:54

Tgt Ion:276 Resp: 416651
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 17.8 13.2 19.8

