

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140845.D
 Acq On : 13 Dec 2024 15:44
 Operator : RC/JU
 Sample : P5239-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Quant Time: Dec 13 17:12:58 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	36395	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	154774	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	77363	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	161649	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	119212	20.000	ng	0.00
86) Perylene-d12	15.574	264	102679	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	307489	144.152	ng	0.00
7) Phenol-d6	6.504	99	406998	144.326	ng	-0.01
23) Nitrobenzene-d5	7.422	82	311628	102.988	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	163288	197.350	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	606418	116.791	ng	-0.02
79) Terphenyl-d14	12.974	244	707890	92.464	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	33033	36.832	ng	97
3) Pyridine	3.451	79	62106	31.473	ng	98
4) n-Nitrosodimethylamine	3.340	42	47731	41.156	ng	97
6) Aniline	6.528	93	41309	20.812	ng	# 3
8) 2-Chlorophenol	6.657	128	124532	54.265	ng	95
9) Benzaldehyde	6.428	77	9588	6.423	ng	97
10) Phenol	6.522	94	142104	49.343	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	114228	51.832	ng	98
12) 1,3-Dichlorobenzene	6.798	146	124861	48.421	ng	97
13) 1,4-Dichlorobenzene	6.875	146	129045	49.424	ng	98
14) 1,2-Dichlorobenzene	7.028	146	128612	52.568	ng	99
15) Benzyl Alcohol	7.010	79	120529	57.634	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	155398	59.687	ng	63
17) 2-Methylphenol	7.128	107	106789	58.131	ng	93
18) Hexachloroethane	7.363	117	51800	53.119	ng	100
19) n-Nitroso-di-n-propyla...	7.269	70	106616	63.972	ng	96
20) 3+4-Methylphenols	7.281	107	154440	65.407	ng	# 76
22) Acetophenone	7.269	105	205003	54.330	ng	# 92
24) Nitrobenzene	7.445	77	147510	47.168	ng	97
25) Isophorone	7.681	82	272977	54.088	ng	99
26) 2-Nitrophenol	7.763	139	73189	52.810	ng	93
27) 2,4-Dimethylphenol	7.798	122	112831m	68.045	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	162553	52.870	ng	100
29) 2,4-Dichlorophenol	8.016	162	124525	56.674	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	121217	48.318	ng	99
31) Naphthalene	8.163	128	412631	51.759	ng	100
32) Benzoic acid	7.934	122	77234	52.696	ng	97
33) 4-Chloroaniline	8.228	127	25306	10.602	ng	98
34) Hexachlorobutadiene	8.269	225	75902	45.678	ng	100
35) Caprolactam	8.581	113	29406m	43.246	ng	
36) 4-Chloro-3-methylphenol	8.710	107	121974	49.581	ng	98
37) 2-Methylnaphthalene	8.851	142	253460	50.055	ng	99
38) 1-Methylnaphthalene	8.951	142	236723	47.694	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	126728	55.955	ng	99
41) Hexachlorocyclopentadiene	8.998	237	49770	96.146	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	83740	58.924	ng	99

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 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)
44) 2,4,5-Trichlorophenol	9.192	196	91456	59.297	ng	96
46) 1,1'-Biphenyl	9.316	154	372376	64.470	ng	99
47) 2-Chloronaphthalene	9.339	162	277866	63.489	ng	98
48) 2-Nitroaniline	9.445	65	89503	63.712	ng	96
49) Acenaphthylene	9.757	152	447121	67.615	ng	100
50) Dimethylphthalate	9.616	163	325111	63.809	ng	100
51) 2,6-Dinitrotoluene	9.686	165	70495	61.006	ng	93
52) Acenaphthene	9.928	154	242120	57.625	ng	99
53) 3-Nitroaniline	9.863	138	24727	21.879	ng	94
54) 2,4-Dinitrophenol	9.980	184	65341	106.328	ng	95
55) Dibenzofuran	10.104	168	383715	59.872	ng	99
56) 4-Nitrophenol	10.051	139	70730	91.765	ng	94
57) 2,4-Dinitrotoluene	10.098	165	93347	60.783	ng	# 93
58) Fluorene	10.445	166	342591	66.597	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	77988	65.793	ng	93
60) Diethylphthalate	10.316	149	338638	65.416	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	166972	66.139	ng	98
62) 4-Nitroaniline	10.480	138	68199	57.536	ng	94
63) Azobenzene	10.598	77	324058	66.103	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	55810	67.564	ng	94
66) n-Nitrosodiphenylamine	10.557	169	299193	62.588	ng	100
67) 4-Bromophenyl-phenylether	10.927	248	94842	56.971	ng	96
68) Hexachlorobenzene	10.998	284	108594	56.336	ng	99
69) Atrazine	11.086	200	79122	58.835	ng	98
70) Pentachlorophenol	11.204	266	91427	107.766	ng	99
71) Phenanthrene	11.416	178	455599	58.633	ng	99
72) Anthracene	11.463	178	470242	61.867	ng	99
73) Carbazole	11.627	167	434438	59.414	ng	99
74) Di-n-butylphthalate	11.945	149	580013	68.708	ng	99
75) Fluoranthene	12.610	202	545834	64.699	ng	100
77) Benzidine	12.751	184	11639m	3.358	ng	
78) Pyrene	12.839	202	496583	45.051	ng	99
80) Butylbenzylphthalate	13.445	149	211713	53.317	ng	98
81) Benzo(a)anthracene	14.039	228	461456	58.476	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	39702	16.757	ng	100
83) Chrysene	14.080	228	414633	57.462	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	310450	61.917	ng	99
85) Di-n-octyl phthalate	14.657	149	471208	68.767	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	391845	58.559	ng	98
88) Benzo(b)fluoranthene	15.133	252	418782	64.933	ng	99
89) Benzo(k)fluoranthene	15.162	252	336401	59.605	ng	99
90) Benzo(a)pyrene	15.510	252	326800	62.320	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	329633	60.151	ng	99
92) Benzo(g,h,i)perylene	17.556	276	249781	44.667	ng	98

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

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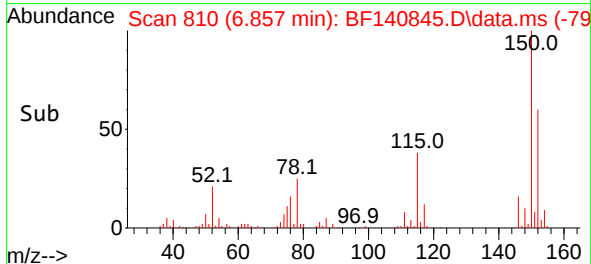
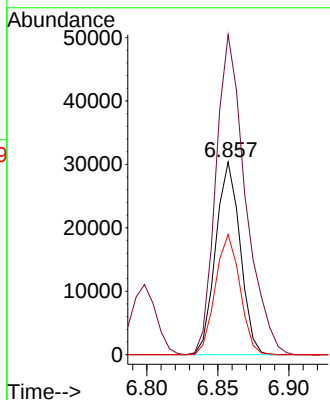
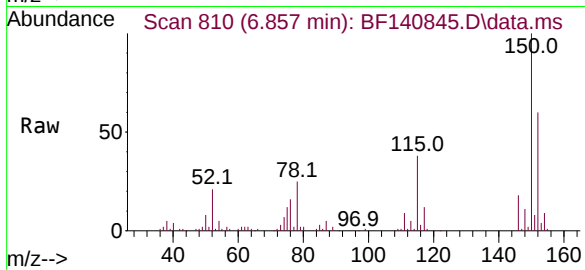




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF140845.D
 Acq: 13 Dec 2024 15:44

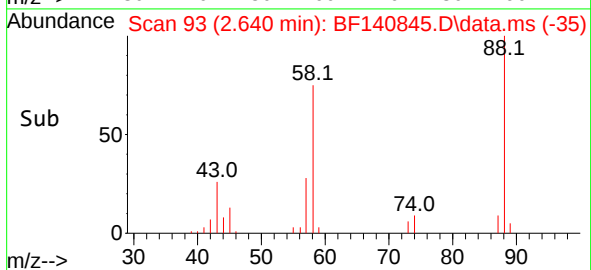
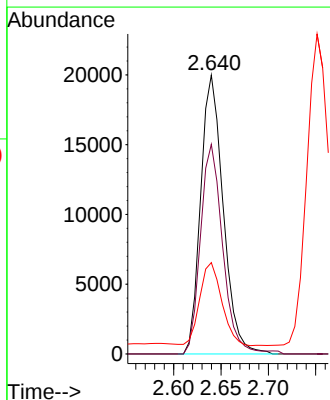
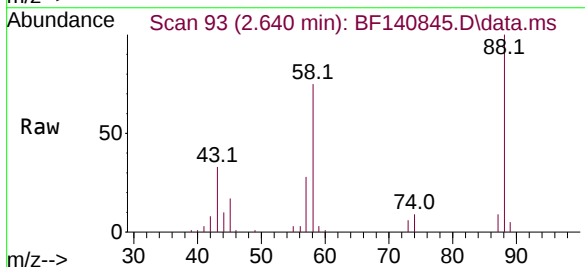
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

Tgt Ion:152 Resp: 36395
 Ion Ratio Lower Upper
 152 100
 150 166.2 128.5 192.7
 115 62.4 50.2 75.4



#2
 1,4-Dioxane
 Concen: 36.832 ng
 RT: 2.640 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: BF140845.D
 Acq: 13 Dec 2024 15:44

Tgt Ion: 88 Resp: 33033
 Ion Ratio Lower Upper
 88 100
 58 74.3 57.4 86.2
 43 28.9 24.3 36.5

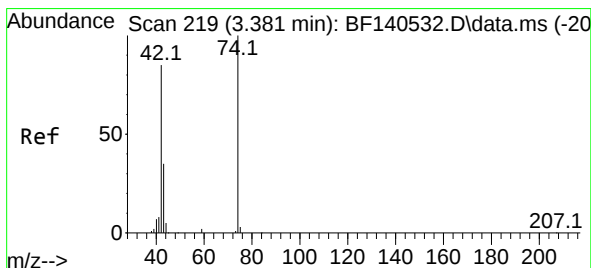
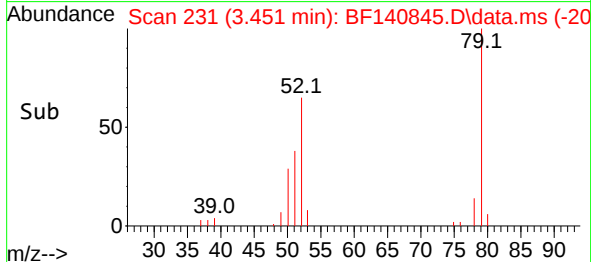
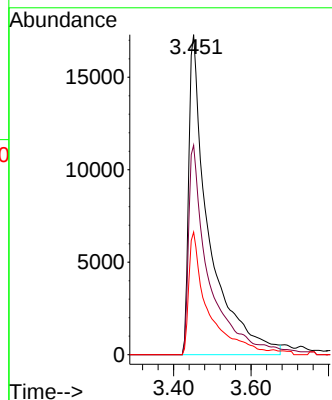
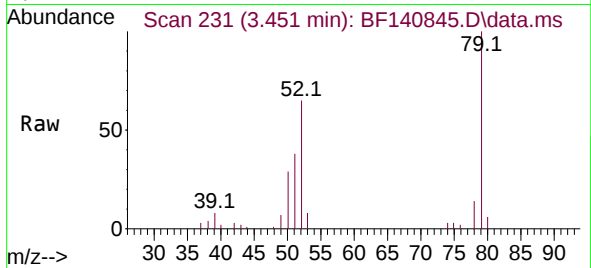




#3
Pyridine
Concen: 31.473 ng
RT: 3.451 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

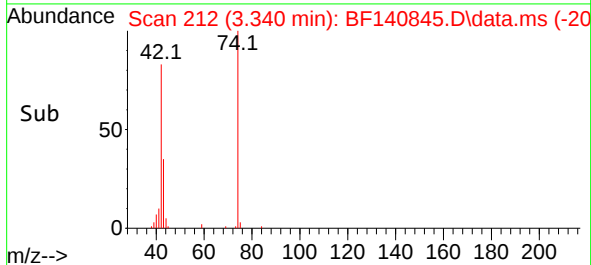
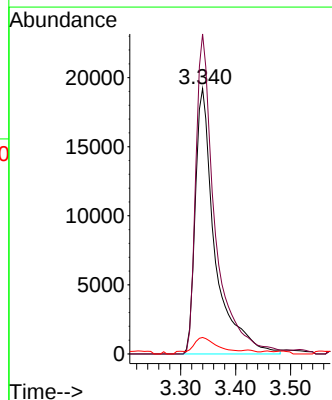
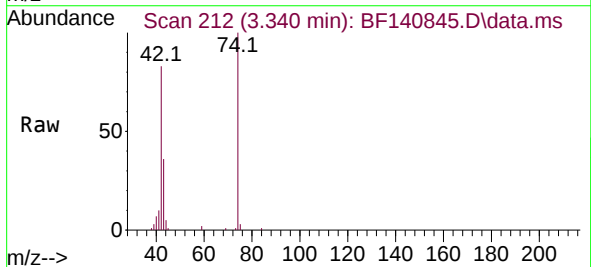
Instrument :
BNA_F
ClientSampleId :
WC-1MS

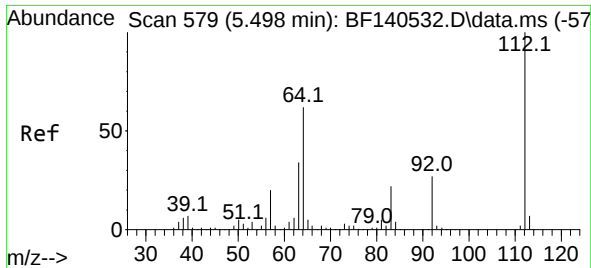
Tgt Ion: 79 Resp: 62106
Ion Ratio Lower Upper
79 100
52 65.4 52.1 78.1
51 38.3 27.8 41.8



#4
n-Nitrosodimethylamine
Concen: 41.156 ng
RT: 3.340 min Scan# 212
Delta R.T. -0.041 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion: 42 Resp: 47731
Ion Ratio Lower Upper
42 100
74 120.5 93.8 140.6
44 6.2 4.6 6.8

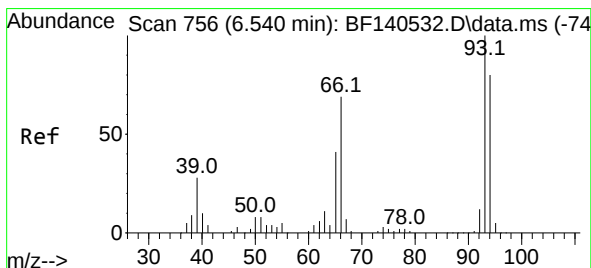
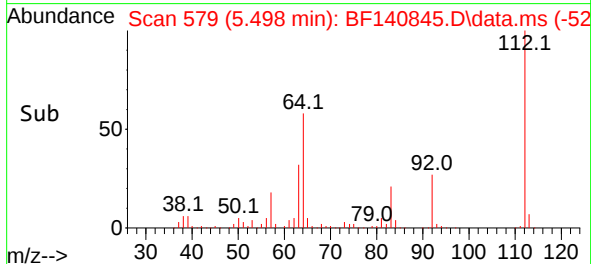
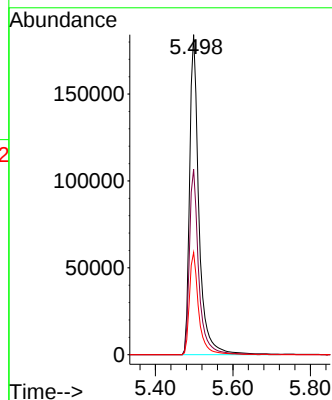
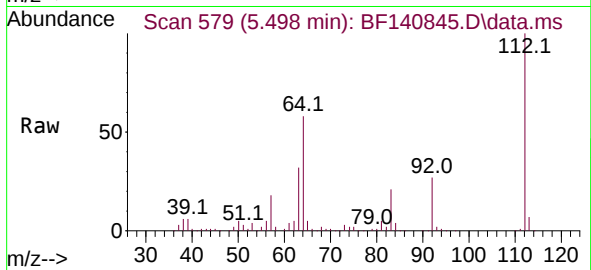




#5
2-Fluorophenol
Concen: 144.152 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

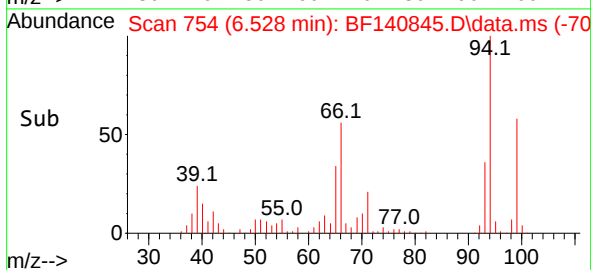
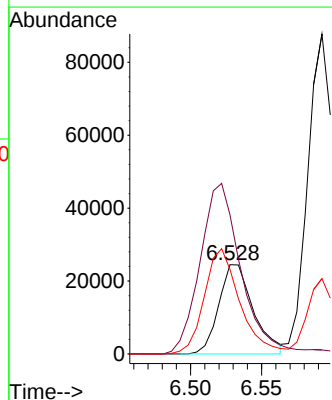
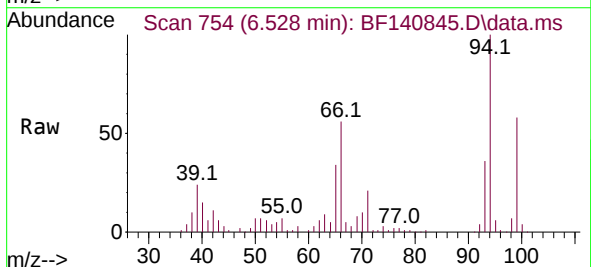
Instrument :
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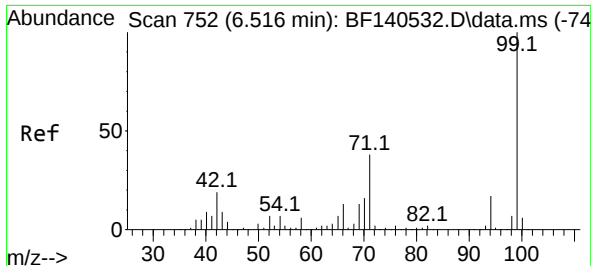
Tgt Ion:112 Resp: 307489
Ion Ratio Lower Upper
112 100
64 58.0 49.2 73.8
63 32.0 27.0 40.4



#6
Aniline
Concen: 20.812 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion: 93 Resp: 41309
Ion Ratio Lower Upper
93 100
66 155.8 56.5 84.7#
65 94.8 32.9 49.3#

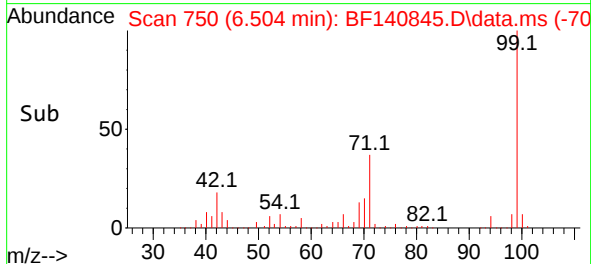
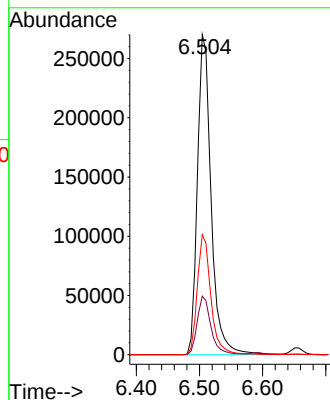
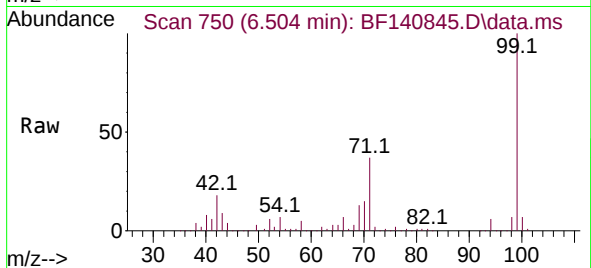




#7
Phenol-d6
Concen: 144.326 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

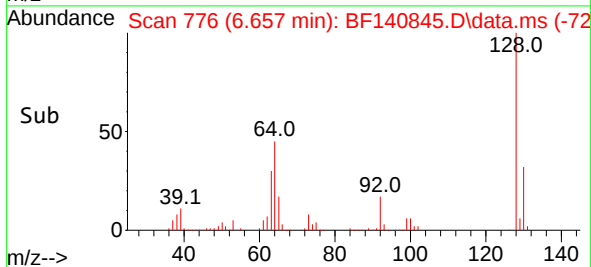
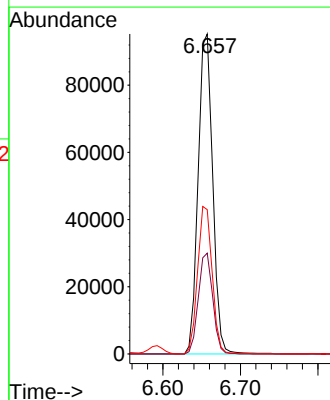
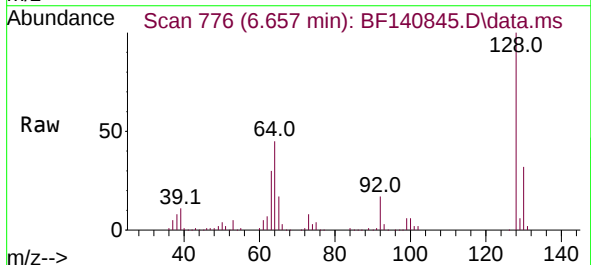
Instrument :
BNA_F
ClientSampleId :
WC-1MS

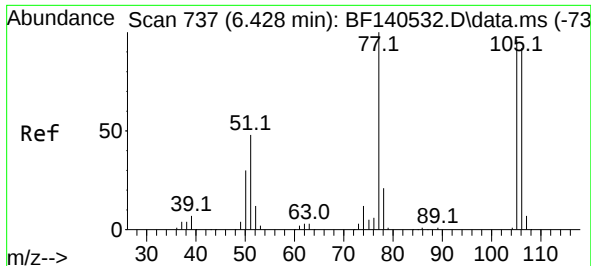
Tgt Ion: 99 Resp: 406998
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.5 30.6 46.0



#8
2-Chlorophenol
Concen: 54.265 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion: 128 Resp: 124532
Ion Ratio Lower Upper
128 100
130 31.5 12.3 52.3
64 45.1 30.2 70.2





#9

Benzaldehyde

Concen: 6.423 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

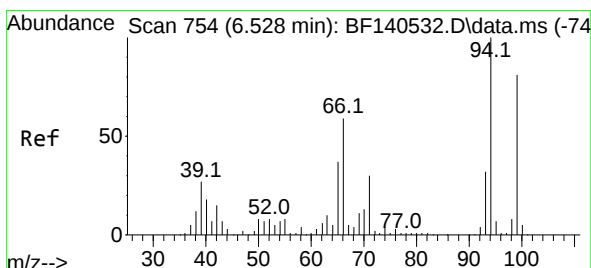
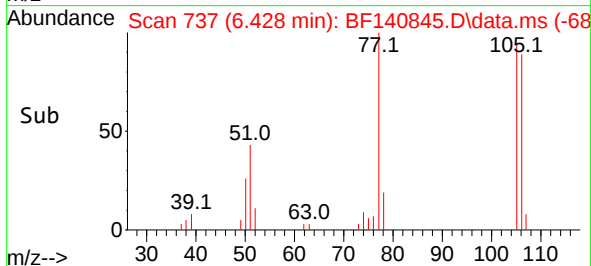
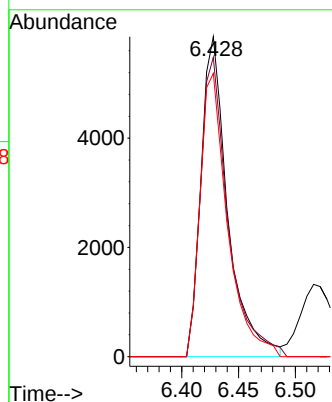
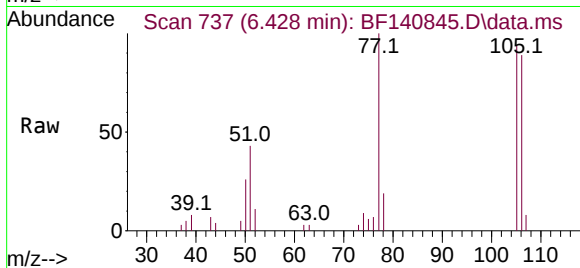
Tgt Ion: 77 Resp: 9588

Ion Ratio Lower Upper

77 100

105 93.6 75.6 115.6

106 88.5 72.0 112.0



#10

Phenol

Concen: 49.343 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

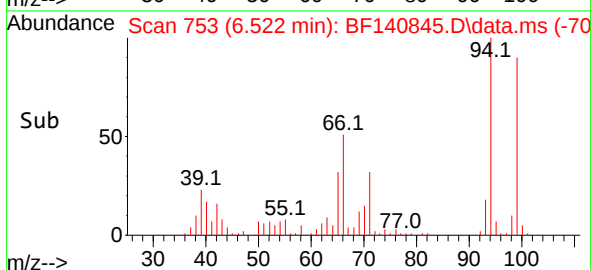
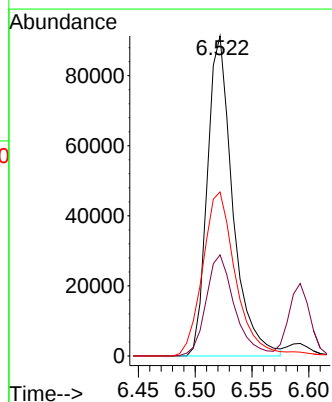
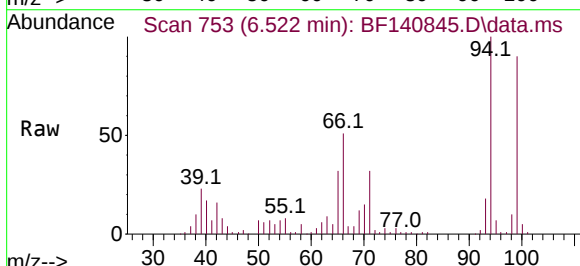
Tgt Ion: 94 Resp: 142104

Ion Ratio Lower Upper

94 100

65 31.6 17.2 57.2

66 51.2 39.2 79.2

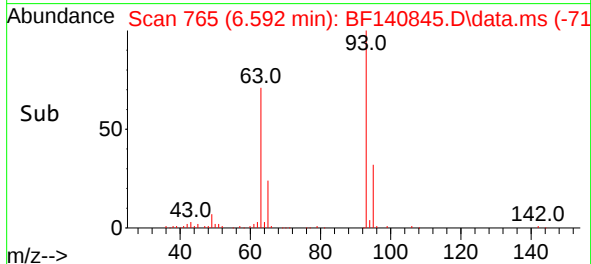
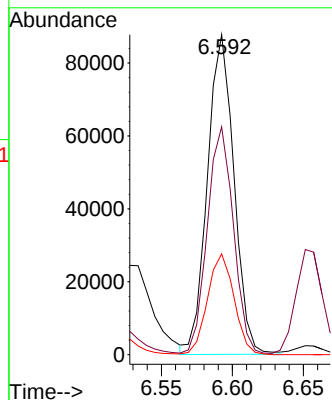
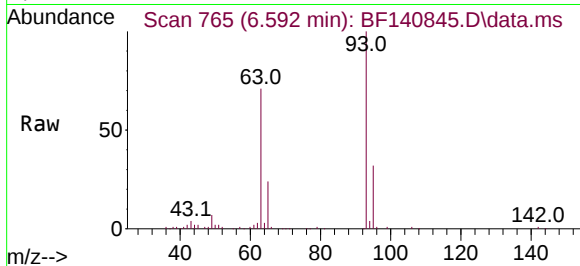




#11
bis(2-Chloroethyl)ether
Concen: 51.832 ng
RT: 6.592 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

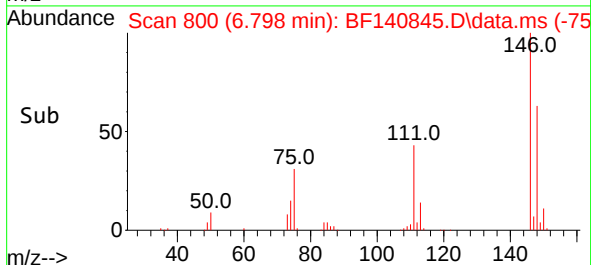
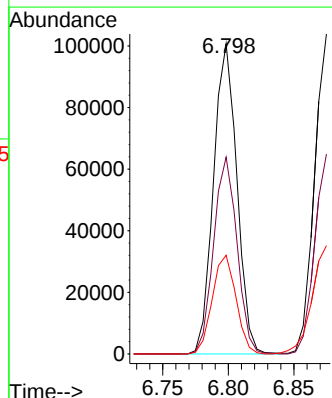
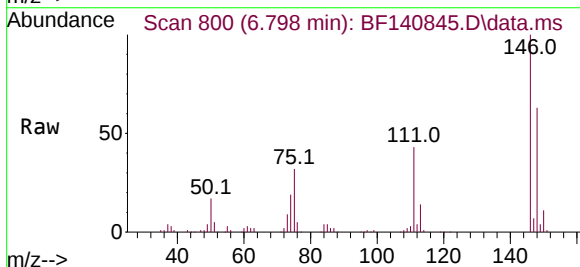
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 93 Resp: 114228
Ion Ratio Lower Upper
93 100
63 71.2 52.8 92.8
95 31.5 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 48.421 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:146 Resp: 124861
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 31.8 28.2 42.2

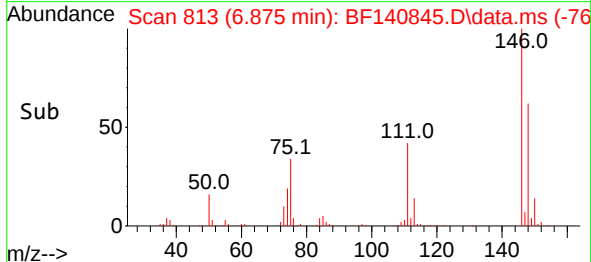
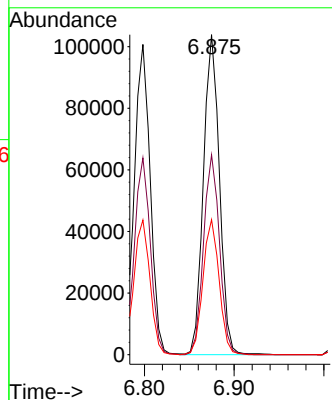
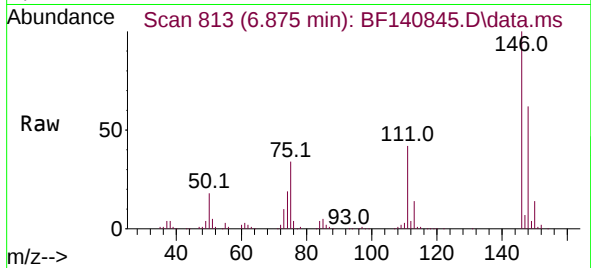




#13
1,4-Dichlorobenzene
Concen: 49.424 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

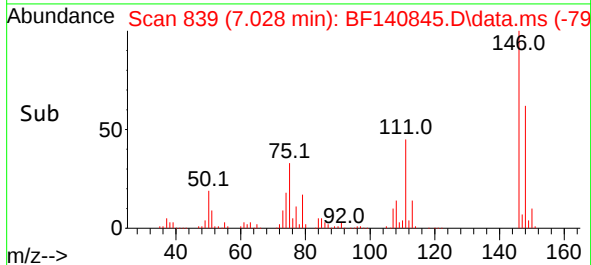
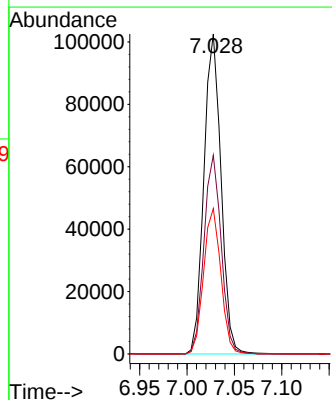
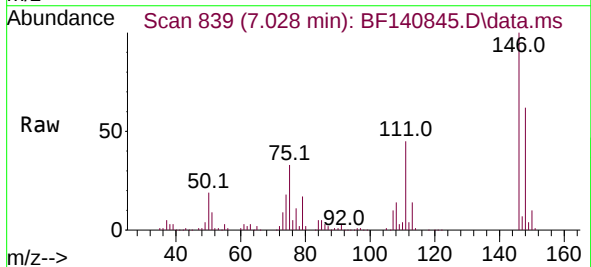
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:146 Resp: 129045
Ion Ratio Lower Upper
146 100
148 62.4 51.0 76.6
111 42.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 52.568 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:146 Resp: 128612
Ion Ratio Lower Upper
146 100
148 62.1 50.5 75.7
111 45.4 36.7 55.1

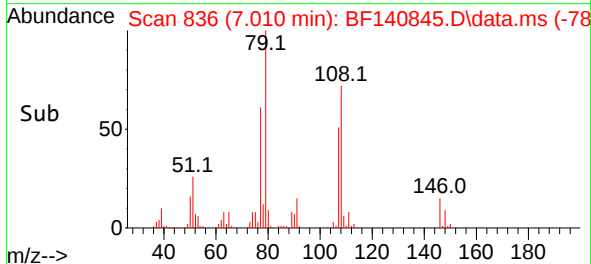
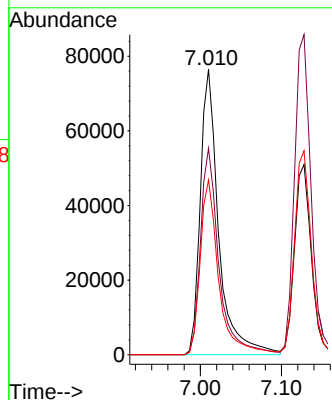
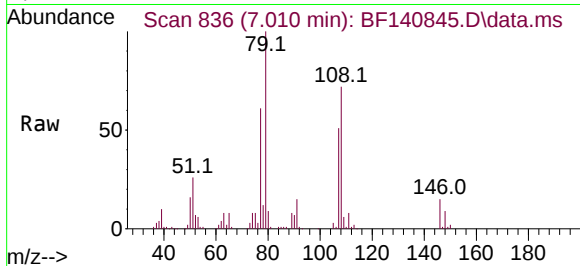




#15
Benzyl Alcohol
Concen: 57.634 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

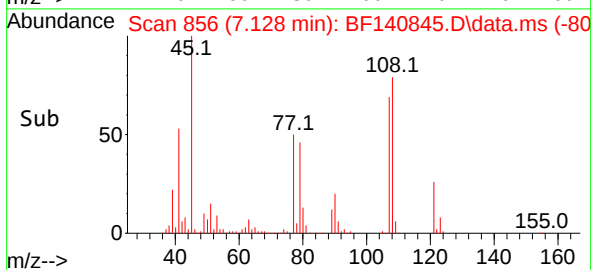
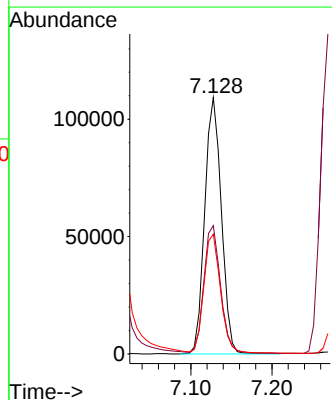
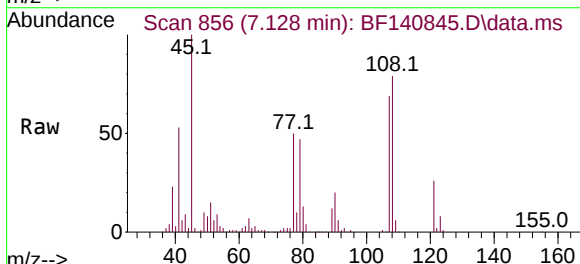
Instrument :
BNA_F
ClientSampleId :
WC-1MS

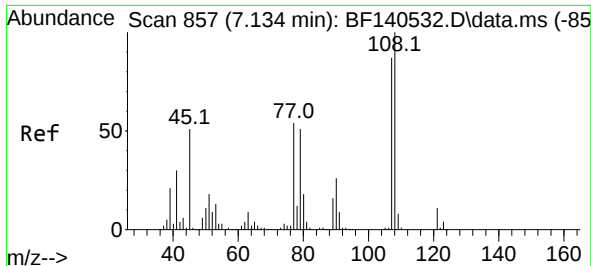
Tgt Ion: 79 Resp: 120529
Ion Ratio Lower Upper
79 100
108 72.3 55.0 82.6
77 61.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 59.687 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion: 45 Resp: 155398
Ion Ratio Lower Upper
45 100
77 50.0 10.7 50.7
79 46.7 7.0 47.0



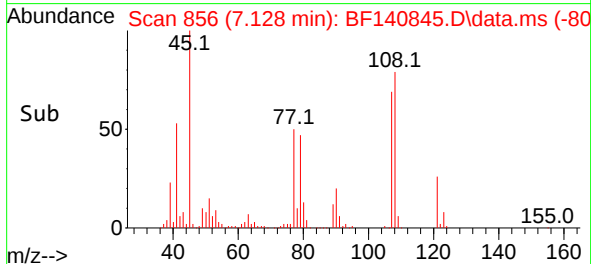
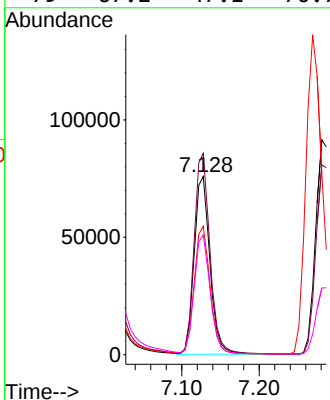
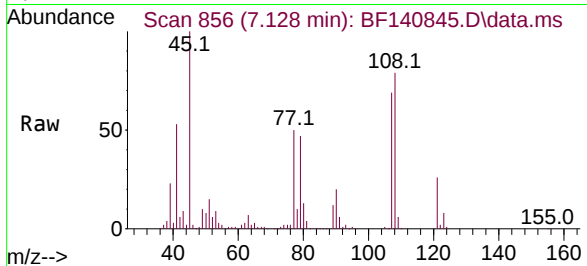


#17
2-Methylphenol
Concen: 58.131 ng
RT: 7.128 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:107 Resp: 106789

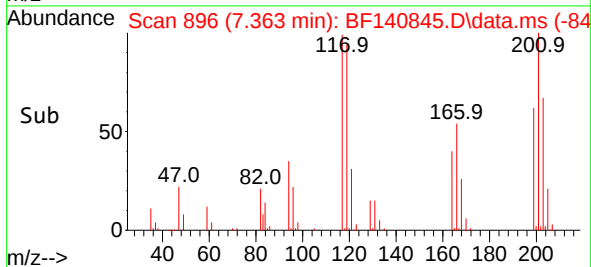
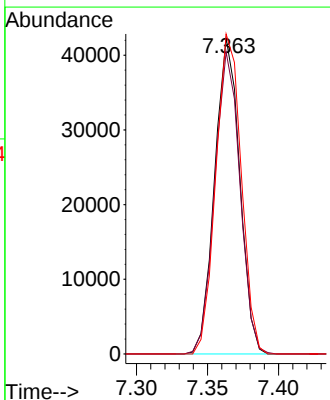
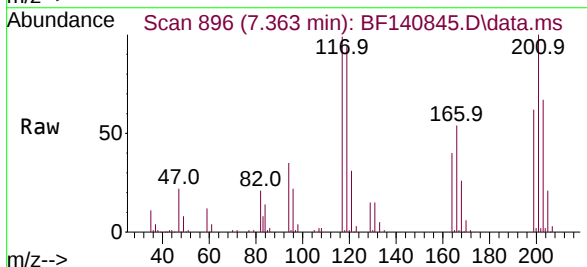
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.7	137.5
77	72.0	49.3	73.9
79	67.2	47.1	70.7



#18
Hexachloroethane
Concen: 53.119 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.024 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:117 Resp: 51800

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	101.3	81.1	121.7



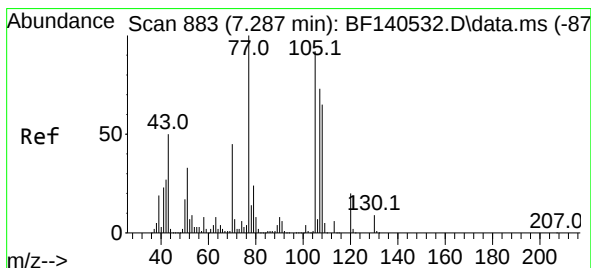
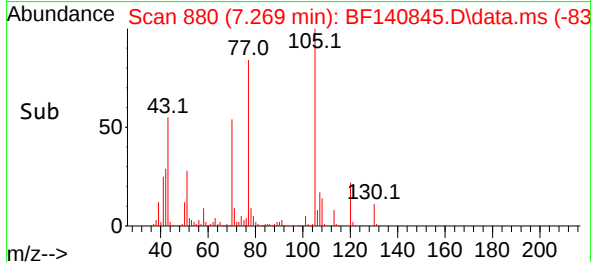
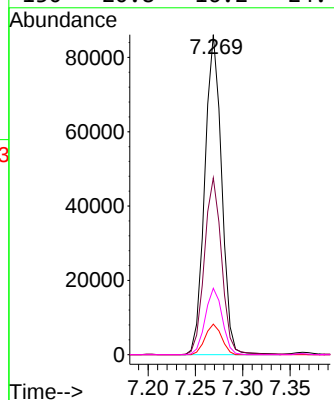
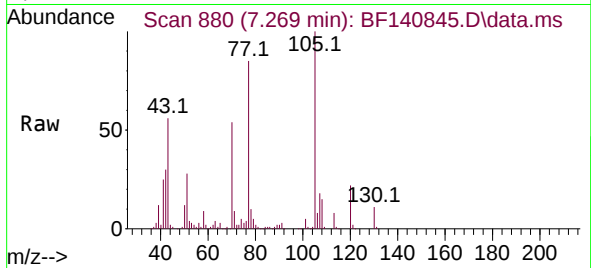


#19
n-Nitroso-di-n-propylamine
Concen: 63.972 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion: 70 Resp: 106616

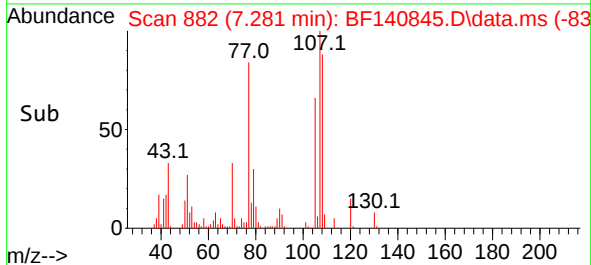
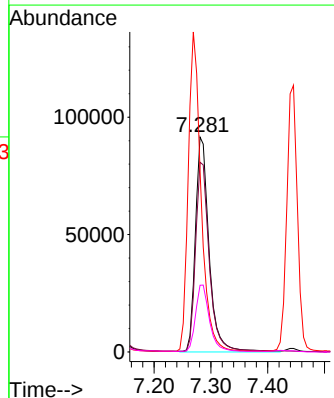
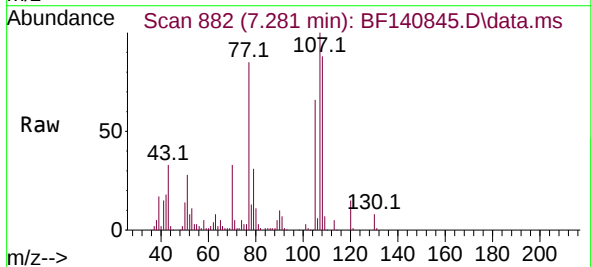
Ion	Ratio	Lower	Upper
70	100		
42	55.2	47.6	71.4
101	9.6	7.6	11.4
130	20.8	16.2	24.4



#20
3+4-Methylphenols
Concen: 65.407 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion: 107 Resp: 154440

Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.9	109.9
77	84.5	117.7	157.7#
79	31.1	13.4	53.4

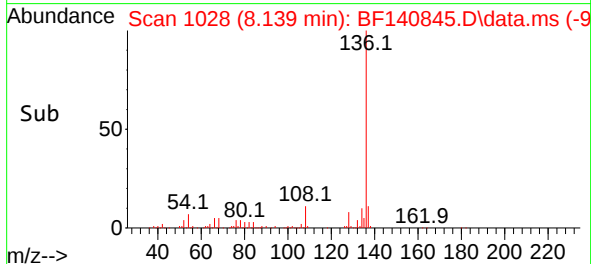
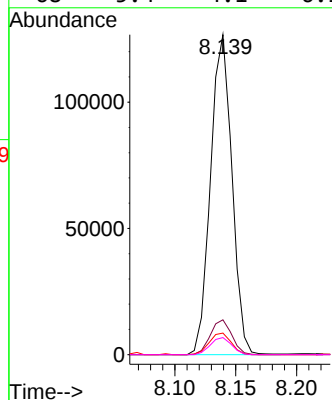
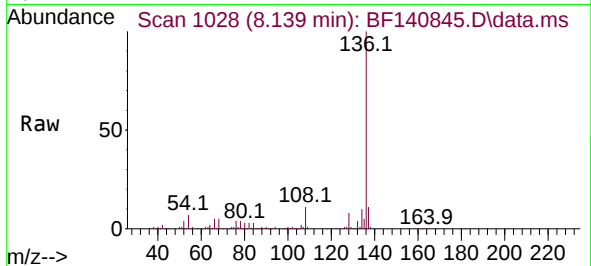




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

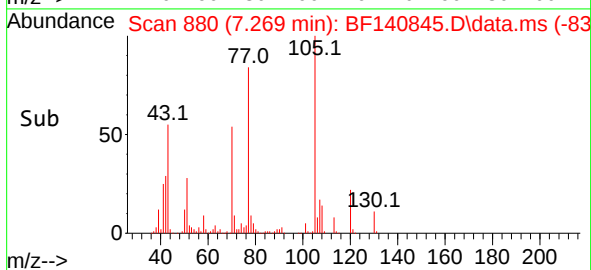
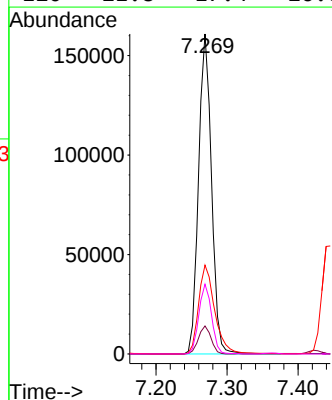
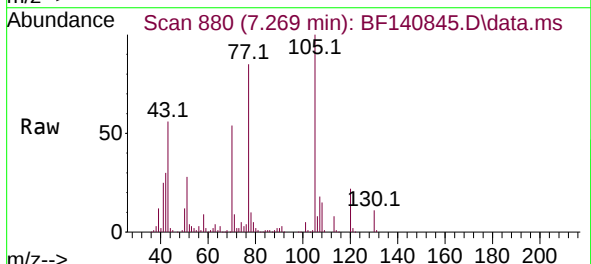
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:	136	Resp:	154774
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	6.7	5.8	8.8
68	5.4	4.1	6.1



#22
Acetophenone
Concen: 54.330 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:	105	Resp:	205003
Ion Ratio	Lower	Upper	
105	100		
71	8.8	6.2	9.2
51	27.7	29.0	43.6#
120	21.8	17.4	26.0





#23

Nitrobenzene-d5

Concen: 102.988 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

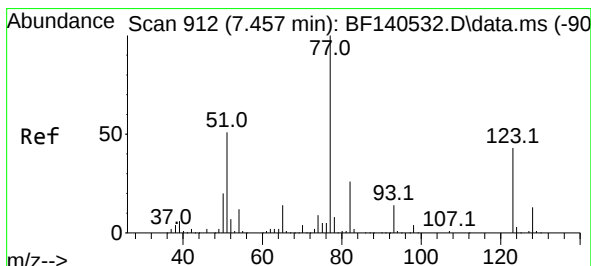
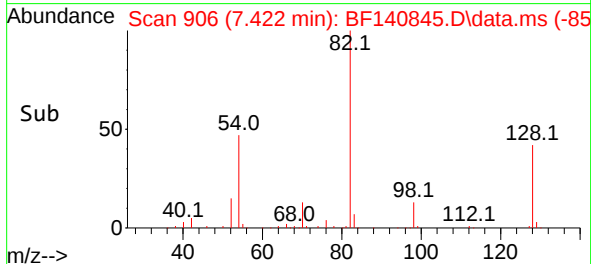
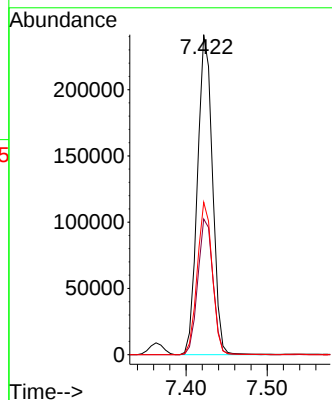
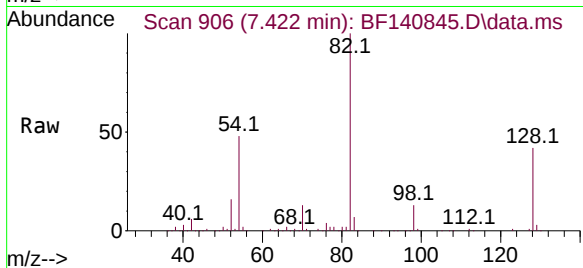
Tgt Ion: 82 Resp: 311628

Ion Ratio Lower Upper

82 100

128 42.4 33.0 49.4

54 47.6 39.5 59.3



#24

Nitrobenzene

Concen: 47.168 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

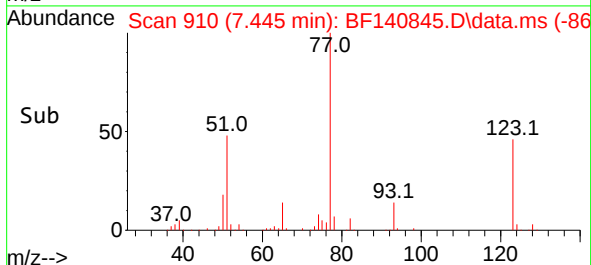
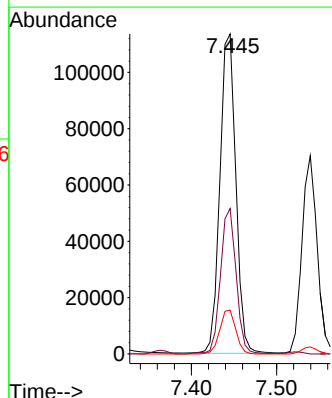
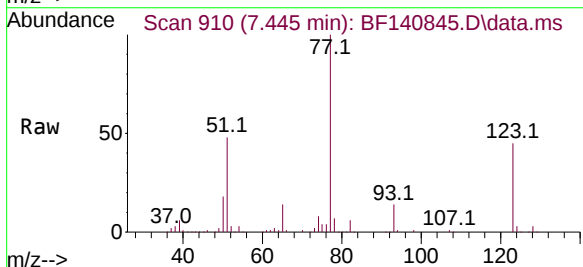
Tgt Ion: 77 Resp: 147510

Ion Ratio Lower Upper

77 100

123 45.4 34.3 51.5

65 13.7 11.2 16.8

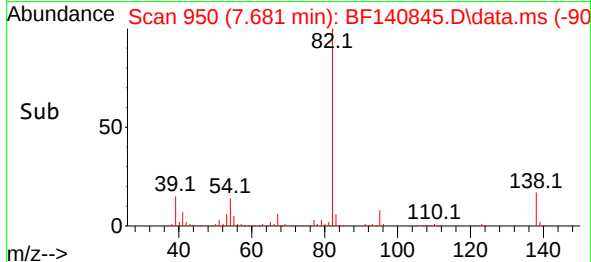
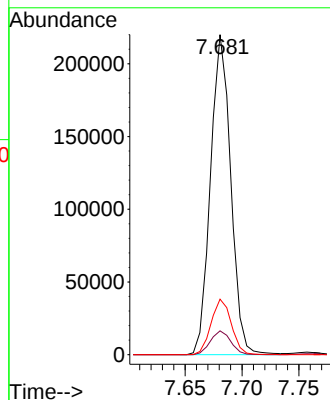
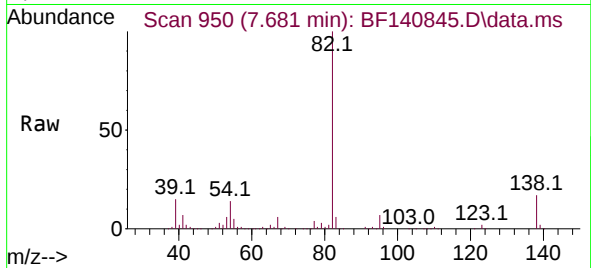




#25
Isophorone
Concen: 54.088 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

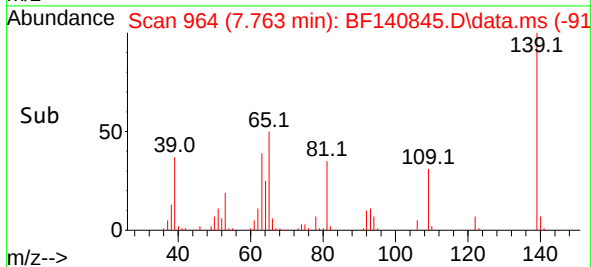
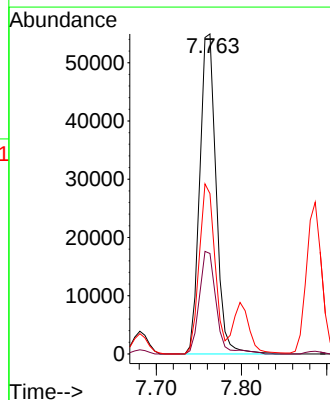
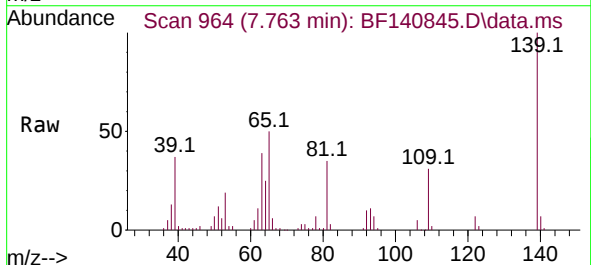
Instrument :
BNA_F
ClientSampleId :
WC-1MS

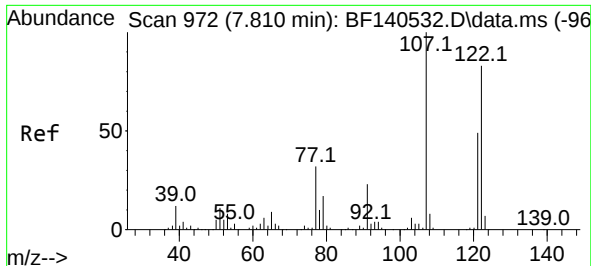
Tgt Ion: 82 Resp: 272977
Ion Ratio Lower Upper
82 100
95 7.5 6.4 9.6
138 17.3 13.8 20.6



#26
2-Nitrophenol
Concen: 52.810 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:139 Resp: 73189
Ion Ratio Lower Upper
139 100
109 31.4 28.0 42.0
65 50.1 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 68.045 ng m

RT: 7.798 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

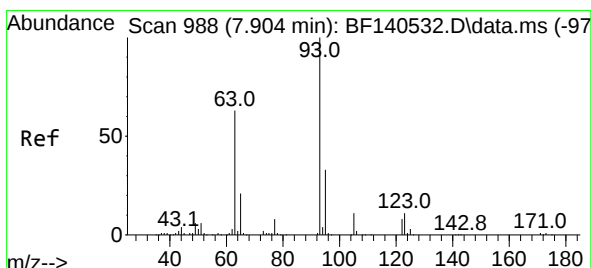
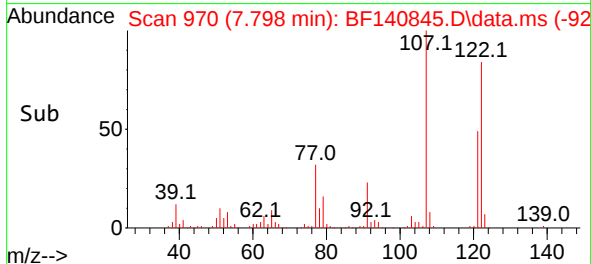
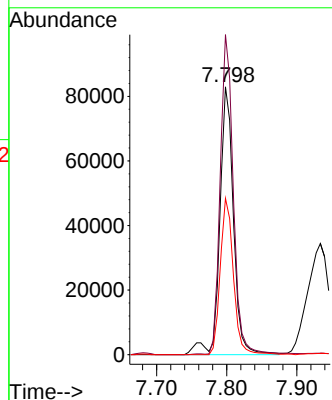
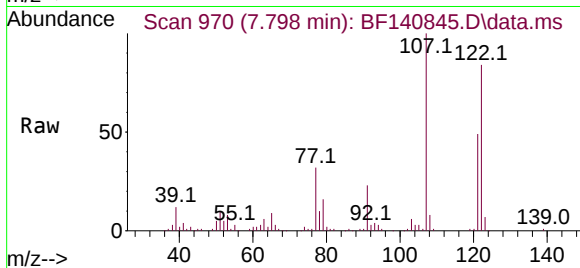
Tgt Ion:122 Resp: 112831

Ion Ratio Lower Upper

122 100

107 119.4 96.8 145.2

121 58.3 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 52.870 ng

RT: 7.886 min Scan# 985

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

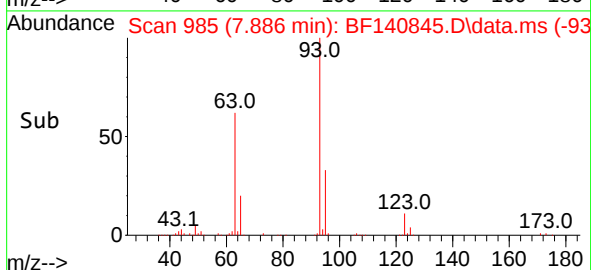
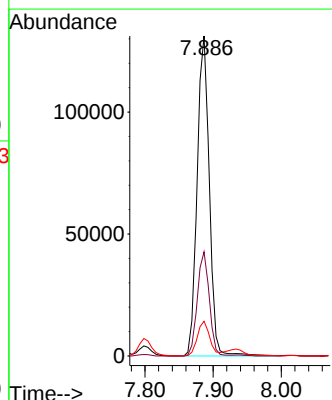
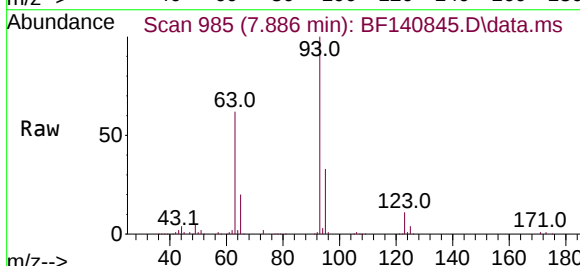
Tgt Ion: 93 Resp: 162553

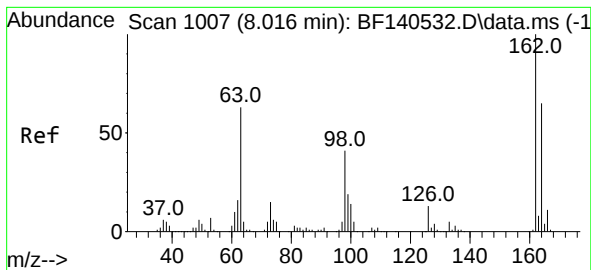
Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

123 10.9 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 56.674 ng

RT: 8.016 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

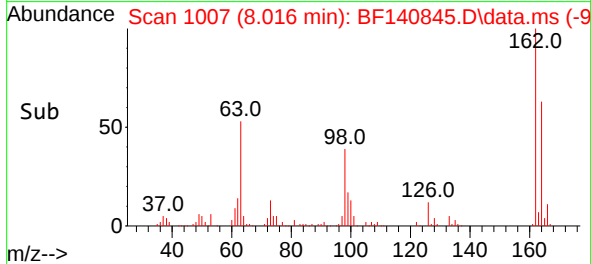
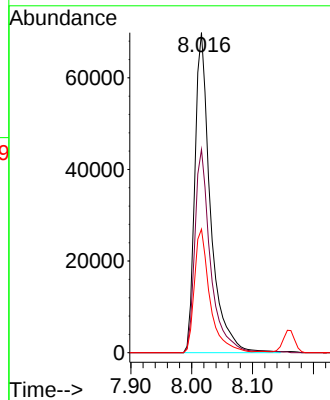
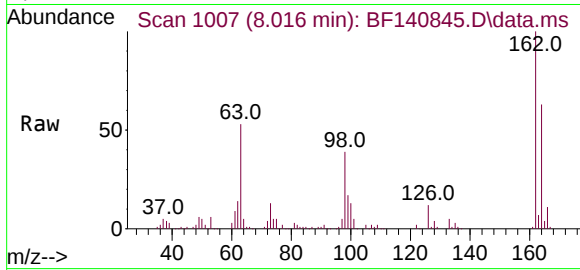
Tgt Ion:162 Resp: 124525

Ion Ratio Lower Upper

162 100

164 63.5 44.8 84.8

98 38.6 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 48.318 ng

RT: 8.081 min Scan# 1018

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

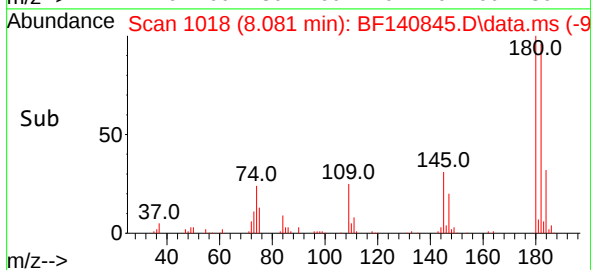
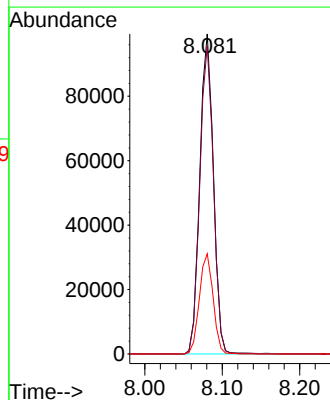
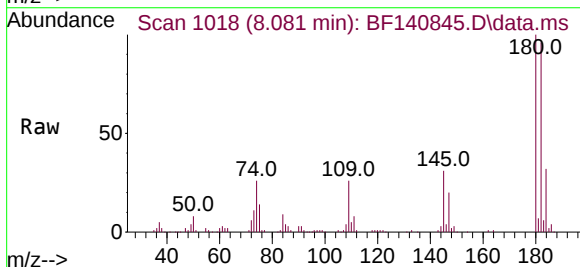
Tgt Ion:180 Resp: 121217

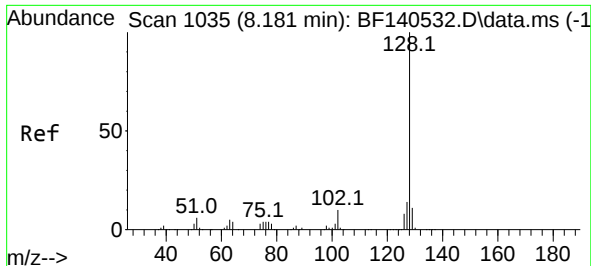
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 31.3 25.9 38.9

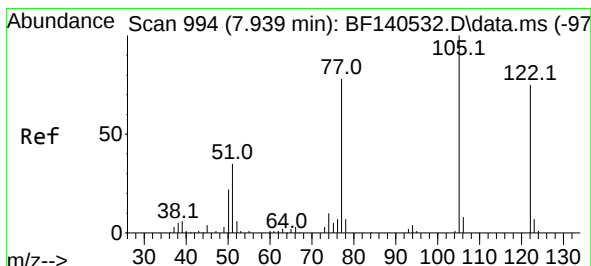
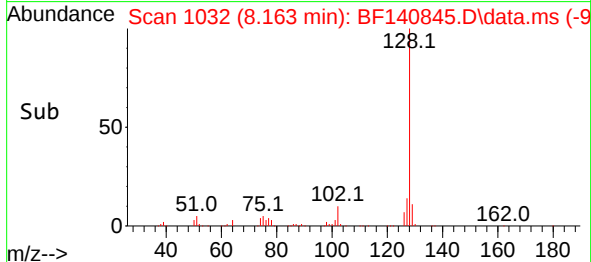
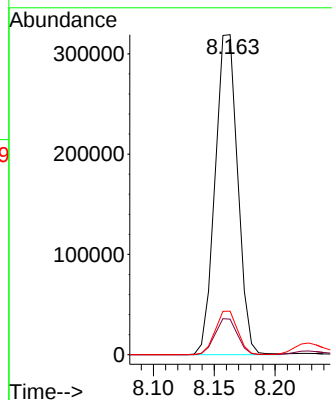
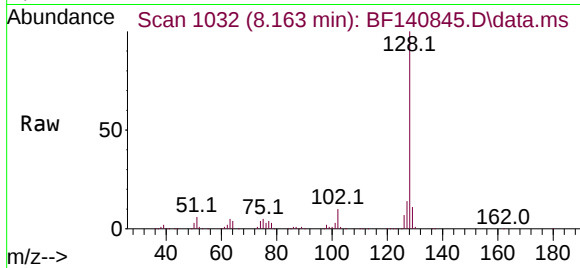




#31
Naphthalene
Concen: 51.759 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

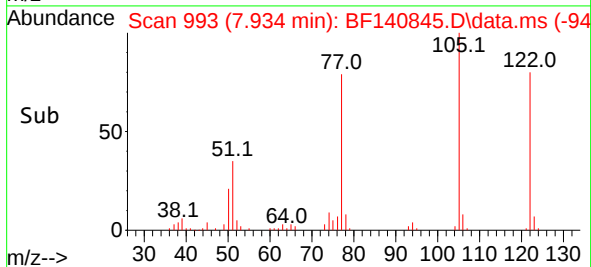
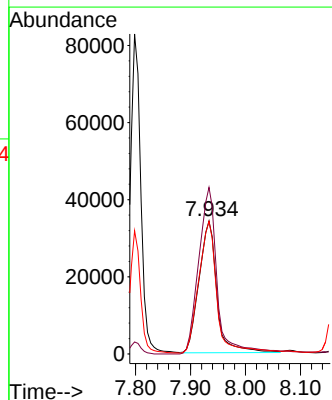
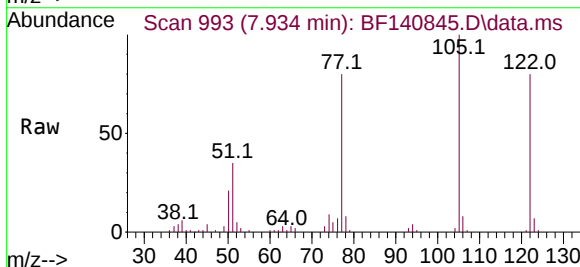
Instrument :
BNA_F
ClientSampleId :
WC-1MS

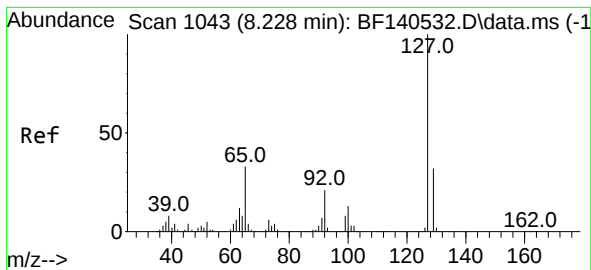
Tgt Ion:128 Resp: 412631
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 52.696 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.005 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:122 Resp: 77234
Ion Ratio Lower Upper
122 100
105 125.3 109.3 149.3
77 99.9 82.3 122.3





#33

4-Chloroaniline

Concen: 10.602 ng

RT: 8.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:127 Resp: 25306

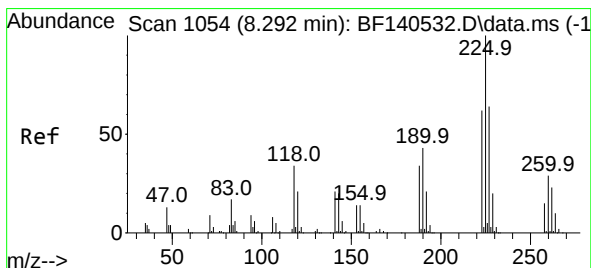
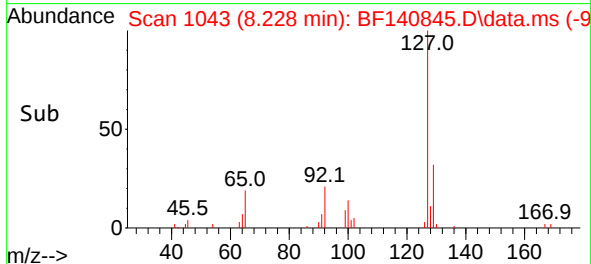
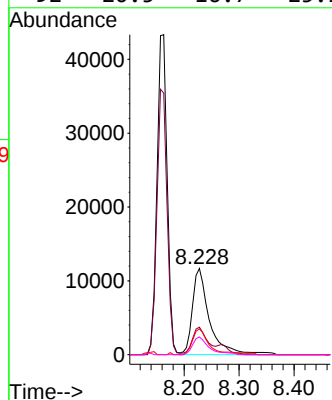
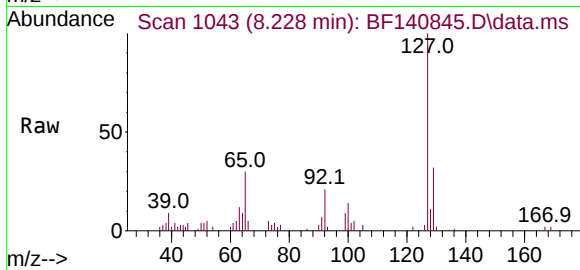
Ion Ratio Lower Upper

127 100

129 31.9 26.0 39.0

65 30.2 26.0 39.0

92 20.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 45.678 ng

RT: 8.269 min Scan# 1050

Delta R.T. -0.024 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

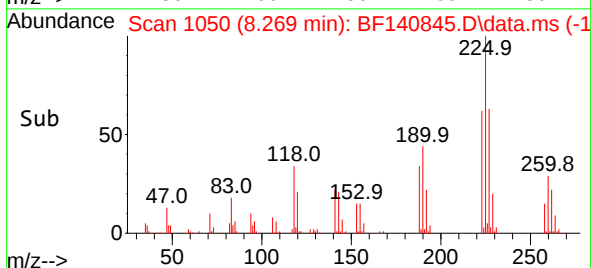
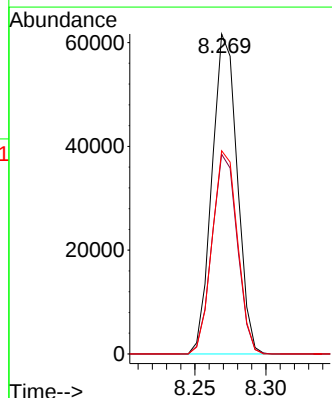
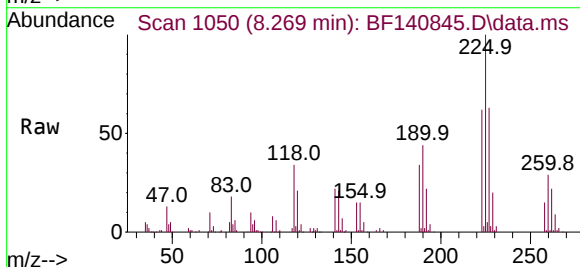
Tgt Ion:225 Resp: 75902

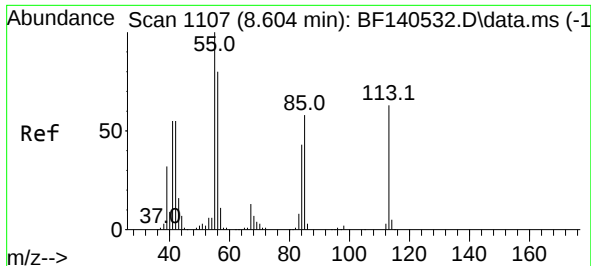
Ion Ratio Lower Upper

225 100

223 62.4 49.8 74.8

227 63.5 51.3 76.9





#35

Caprolactam

Concen: 43.246 ng m

RT: 8.581 min Scan# 1103

Delta R.T. -0.024 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

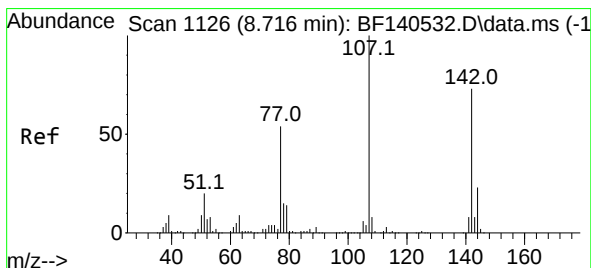
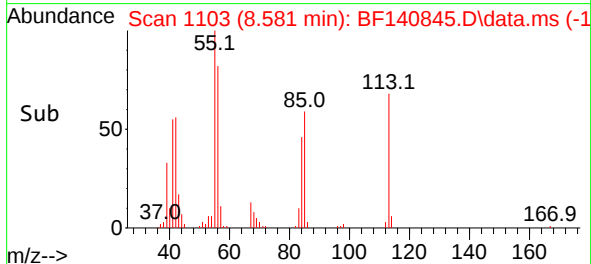
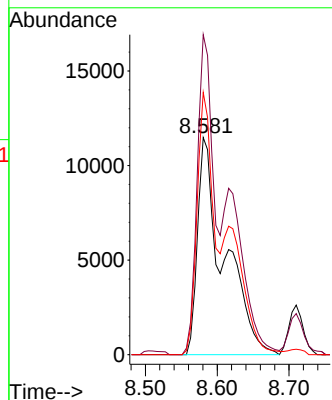
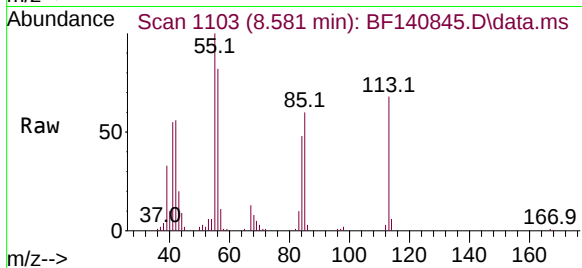
Tgt Ion:113 Resp: 29406

Ion Ratio Lower Upper

113 100

55 147.4 137.7 177.7

56 120.8 106.4 146.4



#36

4-Chloro-3-methylphenol

Concen: 49.581 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

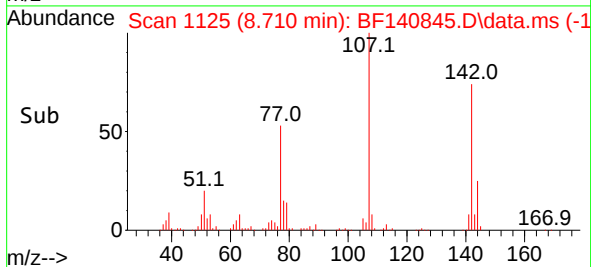
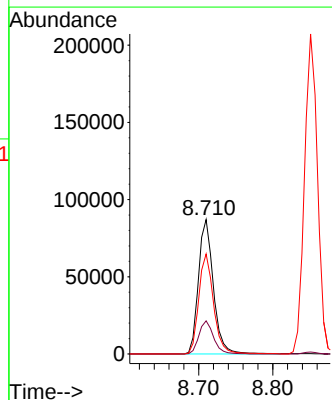
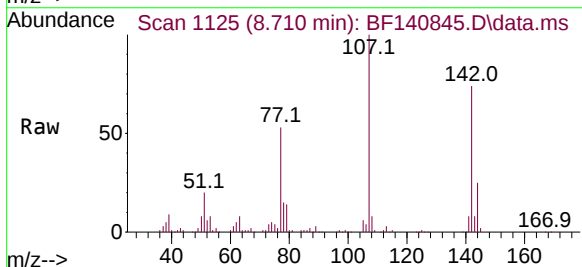
Tgt Ion:107 Resp: 121974

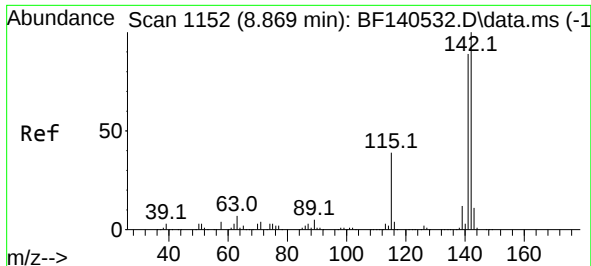
Ion Ratio Lower Upper

107 100

144 24.7 18.7 28.1

142 74.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 50.055 ng

RT: 8.851 min Scan# 1149

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

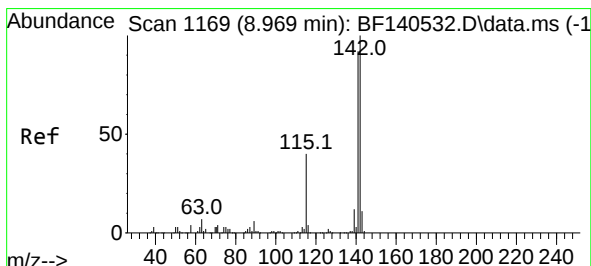
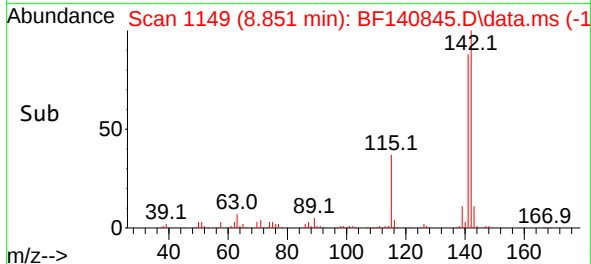
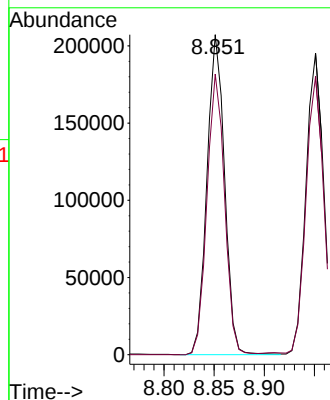
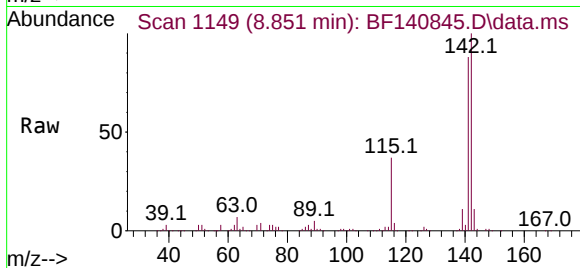
WC-1MS

Tgt Ion:142 Resp: 253460

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.694 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.018 min

Lab File: BF140845.D

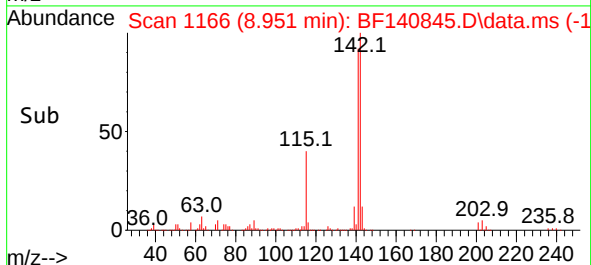
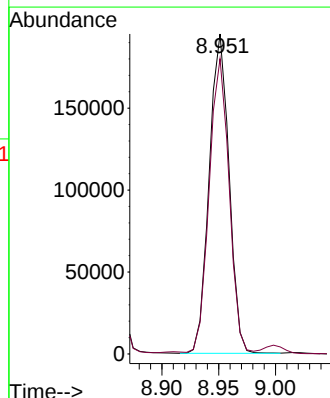
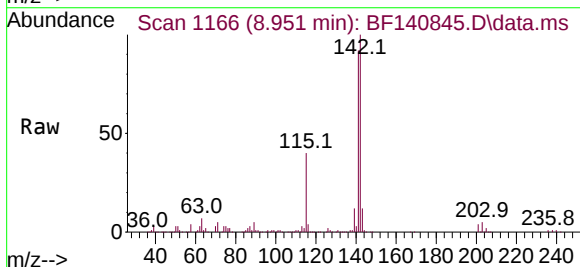
Acq: 13 Dec 2024 15:44

Tgt Ion:142 Resp: 236723

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1177

Delta R.T. -0.024 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

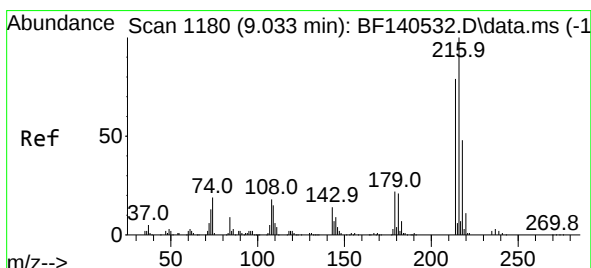
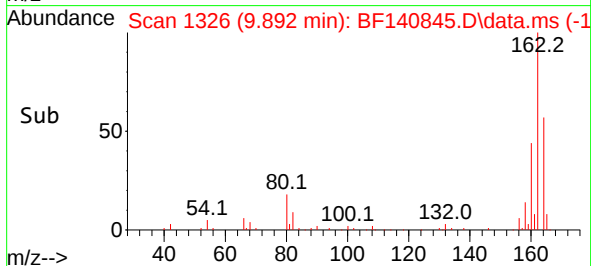
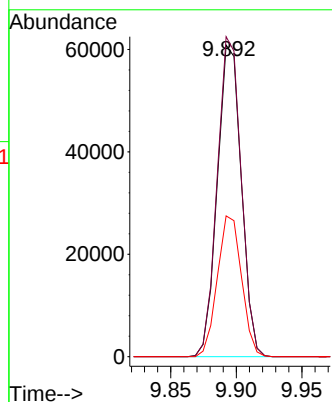
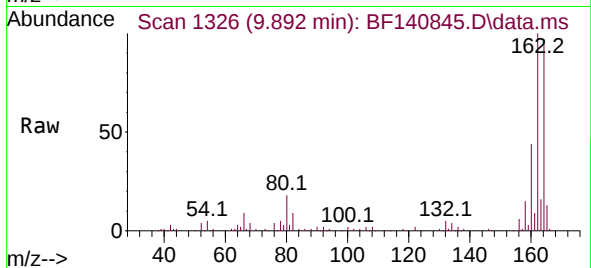
Tgt Ion:164 Resp: 77363

Ion Ratio Lower Upper

164 100

162 102.7 80.6 120.8

160 45.2 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.955 ng

RT: 9.016 min Scan# 1177

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Tgt Ion:216 Resp: 126728

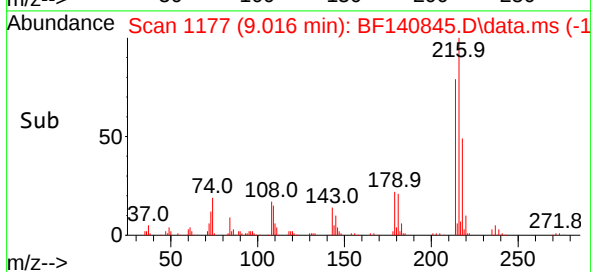
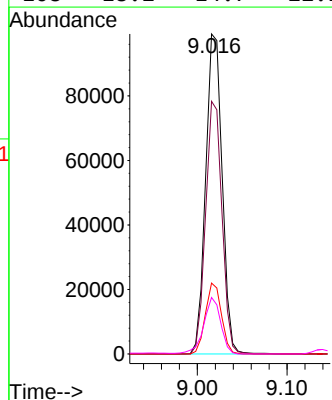
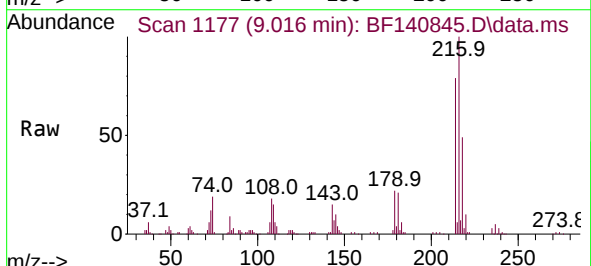
Ion Ratio Lower Upper

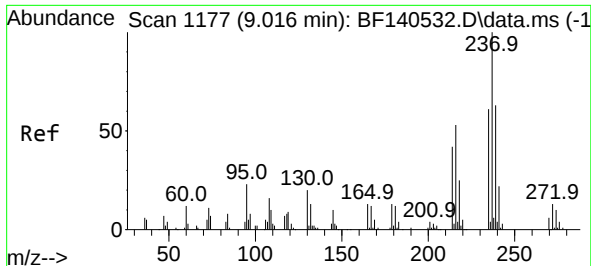
216 100

214 78.1 63.0 94.4

179 21.5 17.5 26.3

108 18.2 14.7 22.1

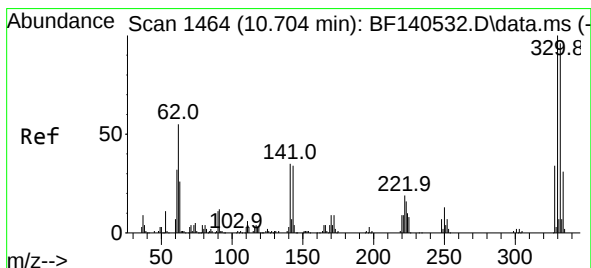
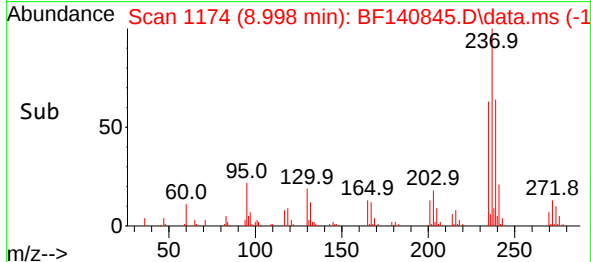
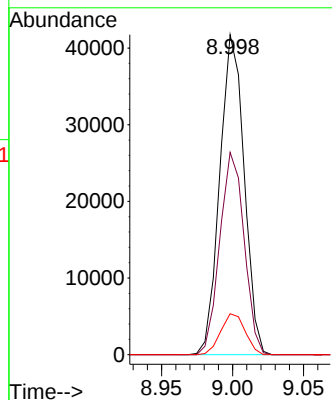
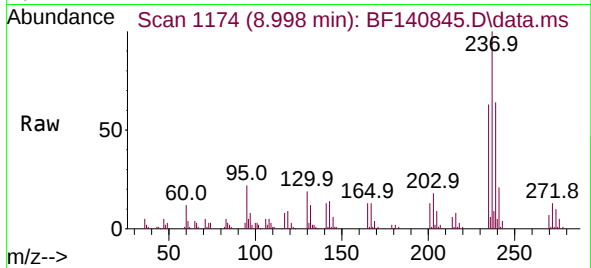




#41
Hexachlorocyclopentadiene
Concen: 96.146 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

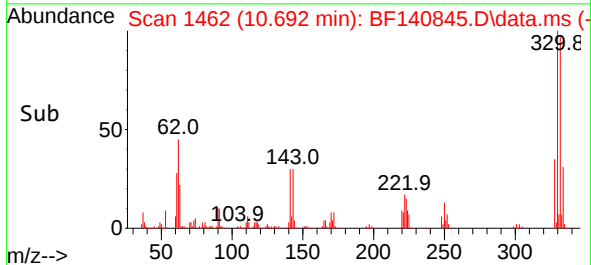
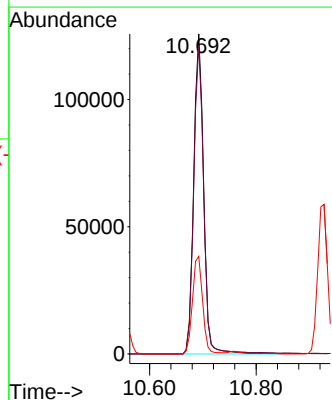
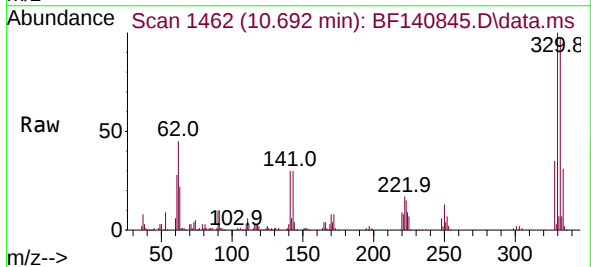
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:237 Resp: 49770
Ion Ratio Lower Upper
237 100
235 63.2 41.1 81.1
272 12.8 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 197.350 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:330 Resp: 163288
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 31.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 58.924 ng

RT: 9.139 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

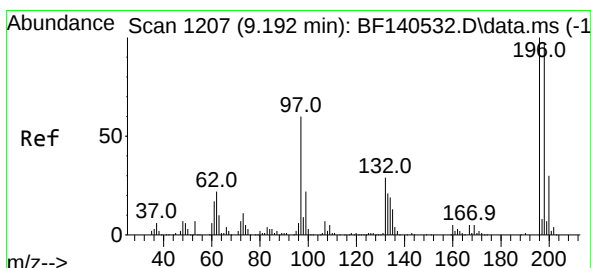
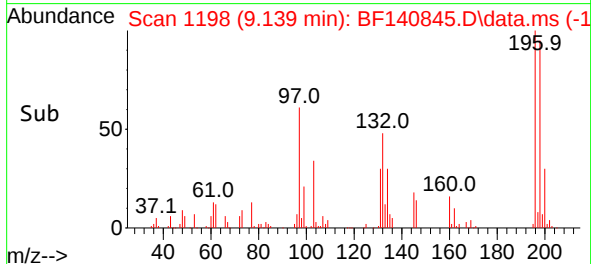
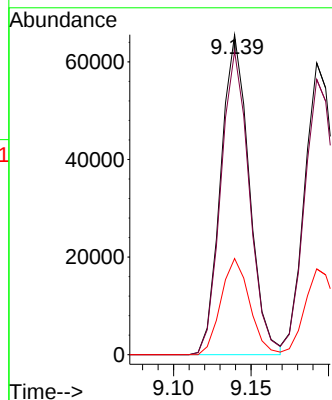
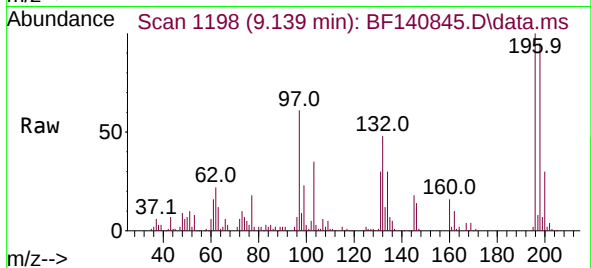
Tgt Ion:196 Resp: 83740

Ion Ratio Lower Upper

196 100

198 94.9 76.8 115.2

200 30.0 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 59.297 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Tgt Ion:196 Resp: 91456

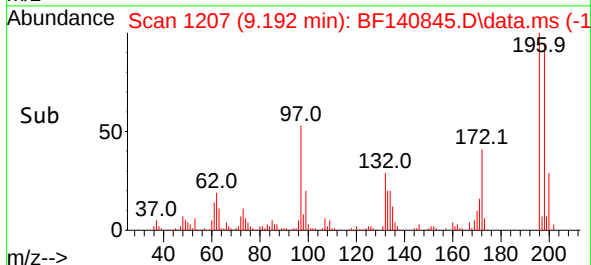
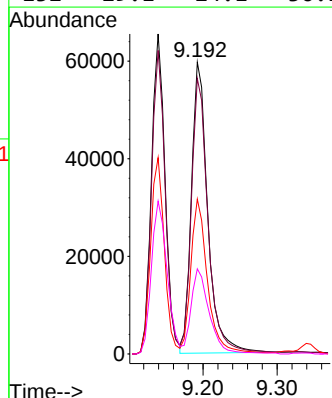
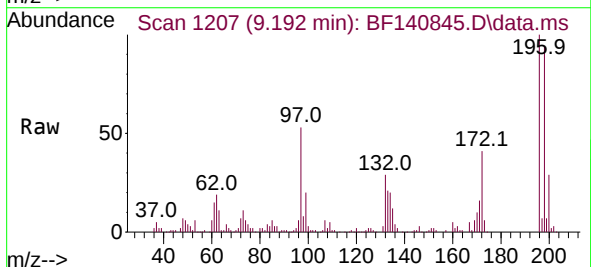
Ion Ratio Lower Upper

196 100

198 94.4 77.2 115.8

97 53.1 47.1 70.7

132 29.1 24.1 36.1





#45

2-Fluorobiphenyl

Concen: 116.791 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.024 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

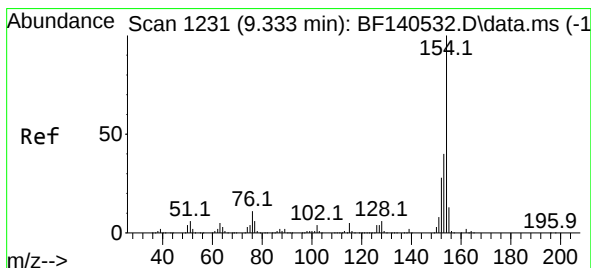
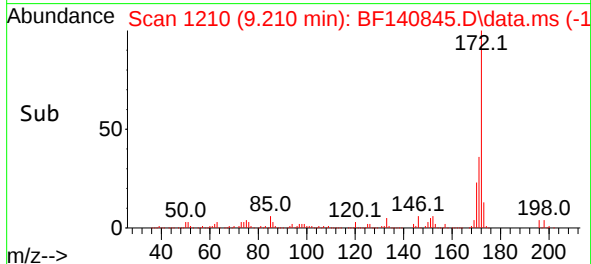
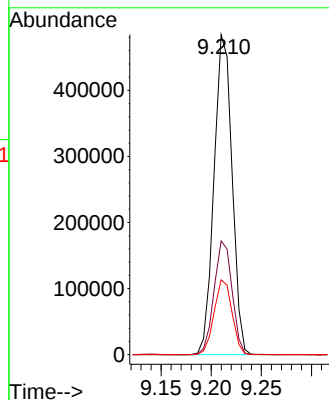
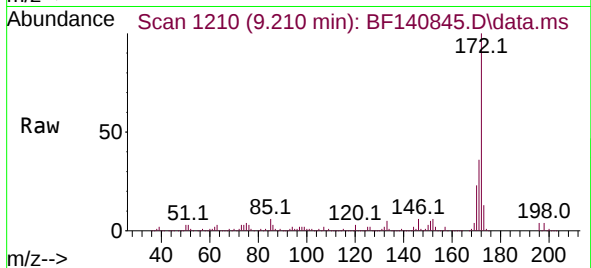
Tgt Ion:172 Resp: 606418

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.4 19.0 28.6



#46

1,1'-Biphenyl

Concen: 64.470 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

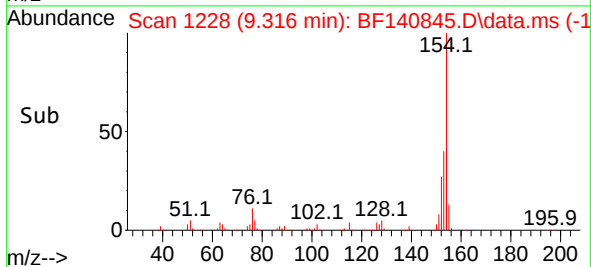
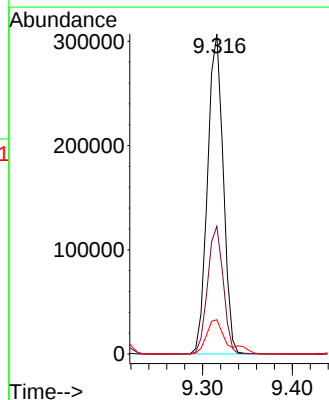
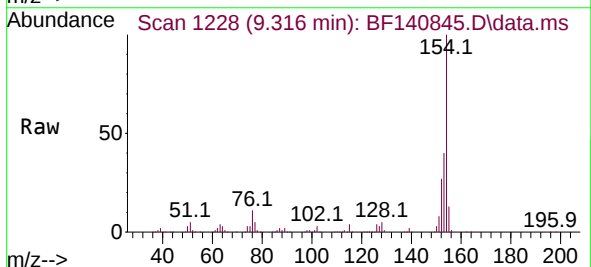
Tgt Ion:154 Resp: 372376

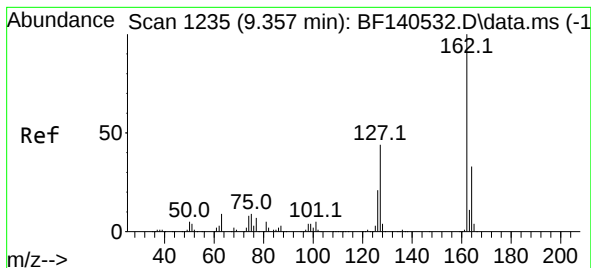
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 10.7 0.0 31.2





#47

2-Chloronaphthalene

Concen: 63.489 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

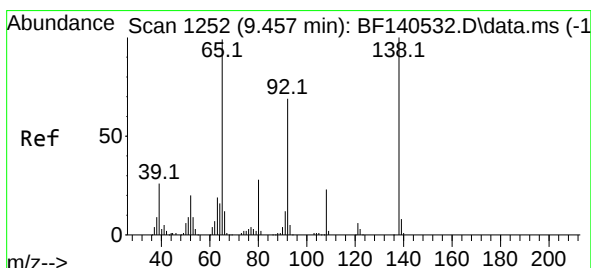
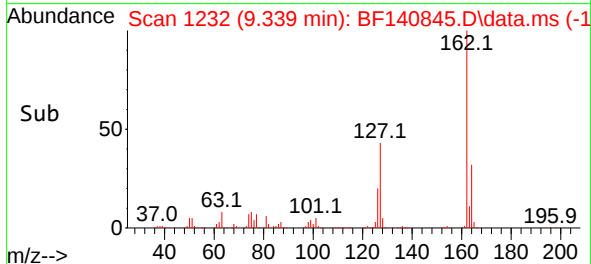
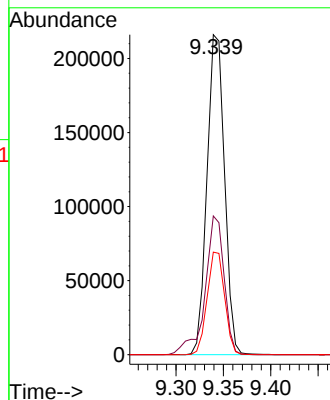
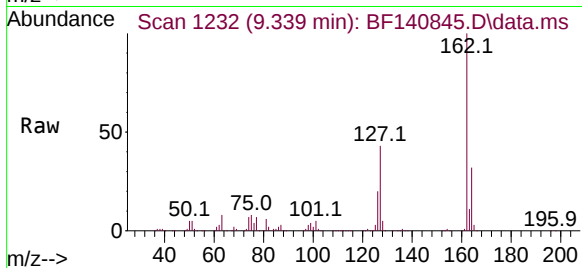
Tgt Ion:162 Resp: 277866

Ion Ratio Lower Upper

162 100

127 43.4 35.7 53.5

164 32.0 26.1 39.1



#48

2-Nitroaniline

Concen: 63.712 ng

RT: 9.445 min Scan# 1250

Delta R.T. -0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

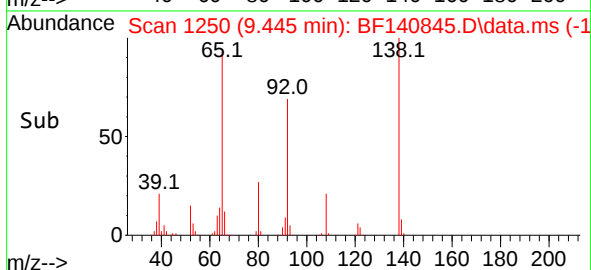
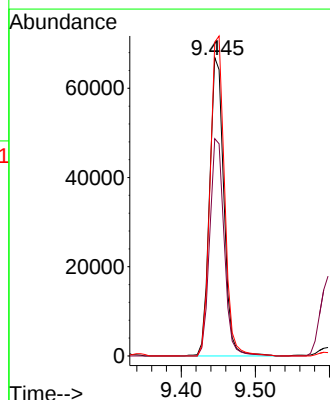
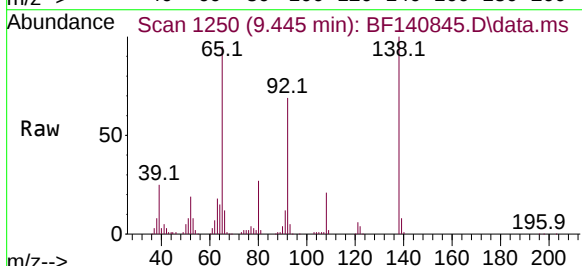
Tgt Ion: 65 Resp: 89503

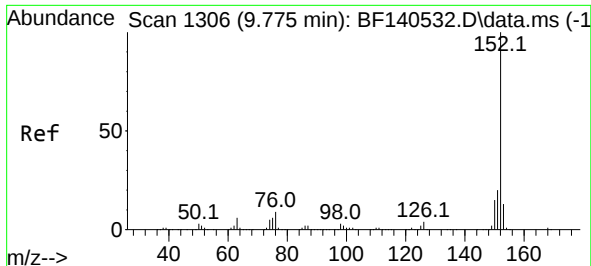
Ion Ratio Lower Upper

65 100

92 72.8 56.1 84.1

138 105.1 81.0 121.6





#49

Acenaphthylene

Concen: 67.615 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

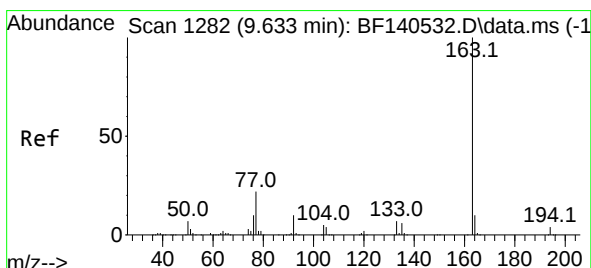
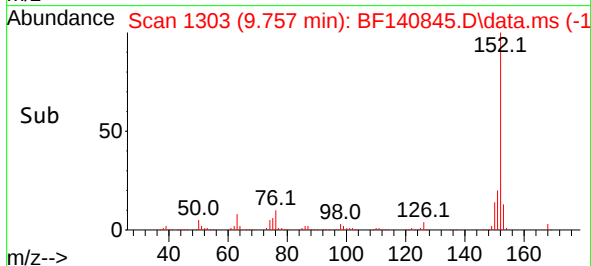
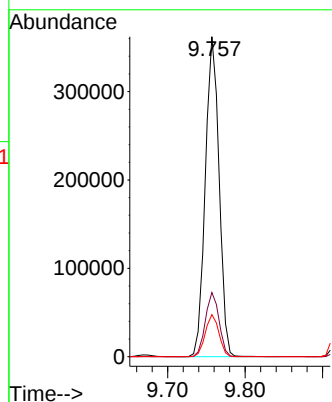
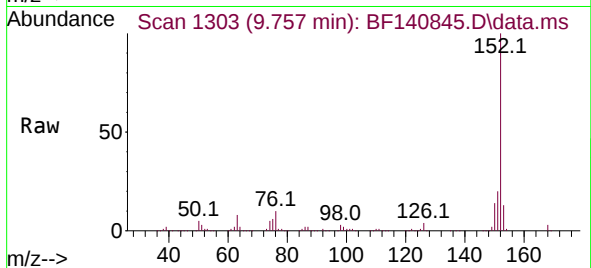
Tgt Ion:152 Resp: 447121

Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 63.809 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

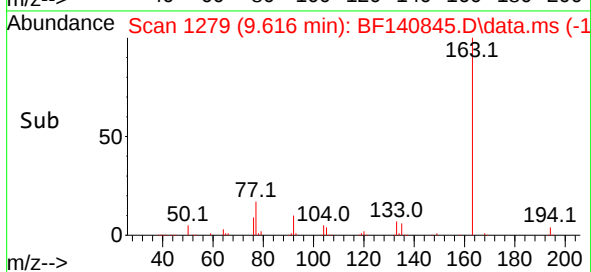
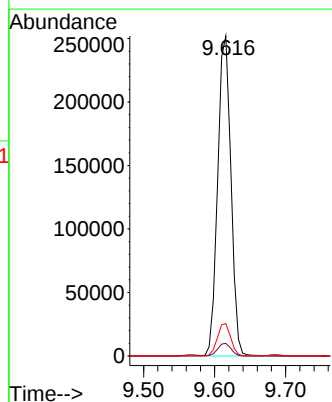
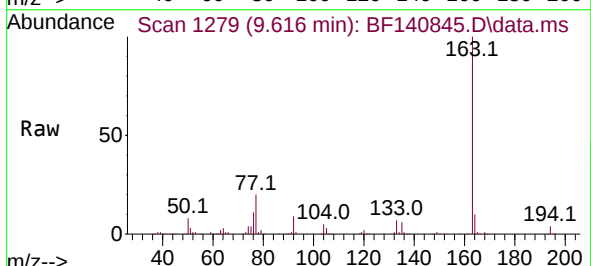
Tgt Ion:163 Resp: 325111

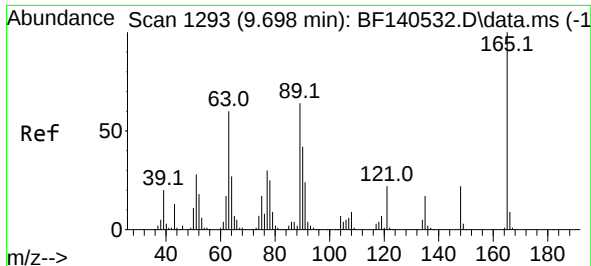
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.2 12.2

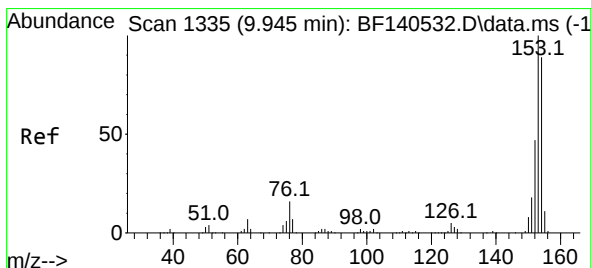
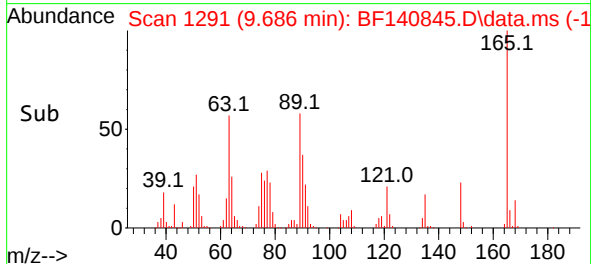
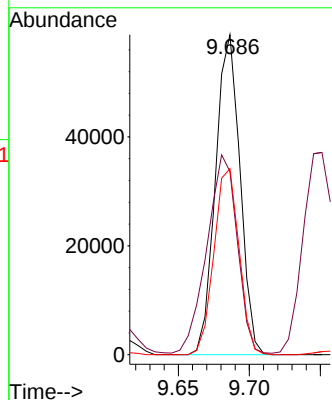
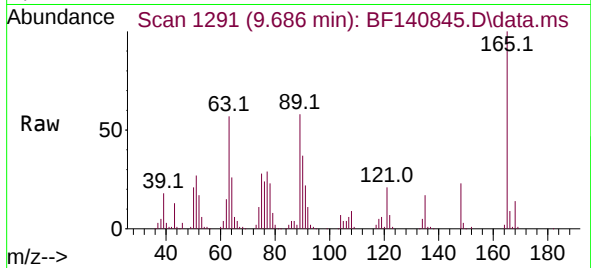




#51
2,6-Dinitrotoluene
Concen: 61.006 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

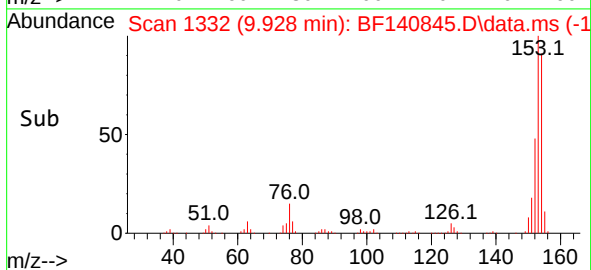
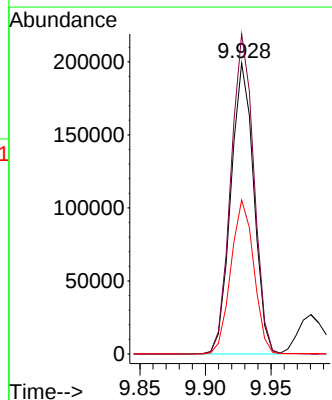
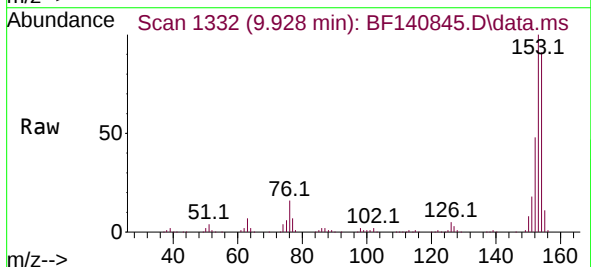
Instrument :
BNA_F
ClientSampleId :
WC-1MS

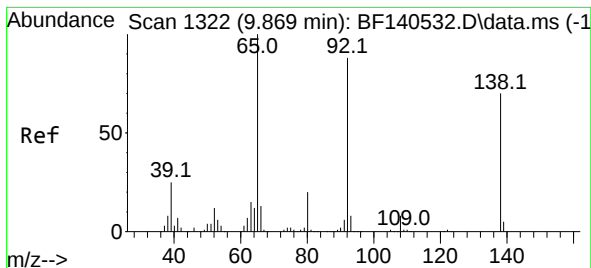
Tgt Ion:165 Resp: 70495
Ion Ratio Lower Upper
165 100
63 57.2 49.9 74.9
89 58.1 50.9 76.3



#52
Acenaphthene
Concen: 57.625 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:154 Resp: 242120
Ion Ratio Lower Upper
154 100
153 110.0 89.7 134.5
152 52.9 42.5 63.7





#53

3-Nitroaniline

Concen: 21.879 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

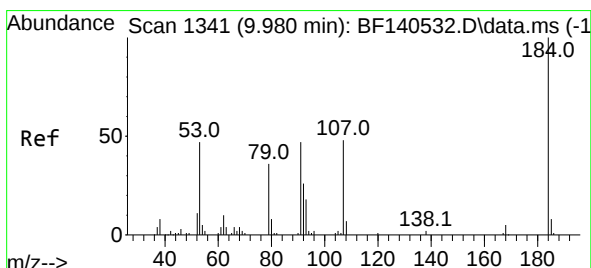
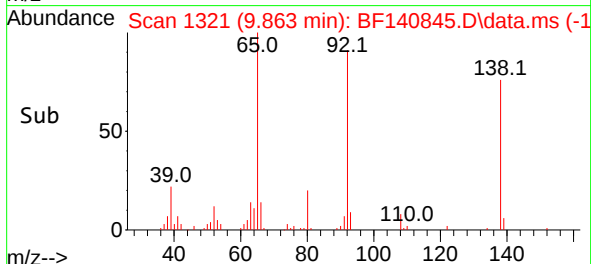
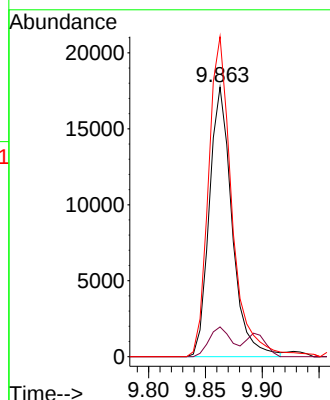
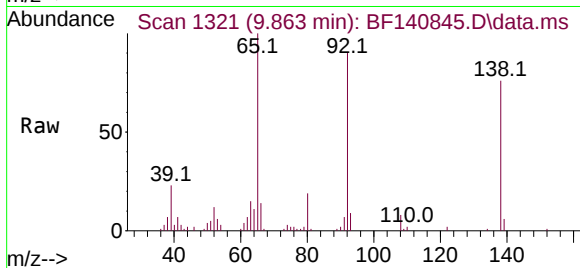
Tgt Ion:138 Resp: 24727

Ion Ratio Lower Upper

138 100

108 11.1 9.2 13.8

92 118.7 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 106.328 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

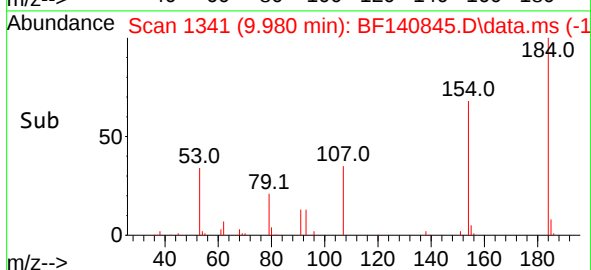
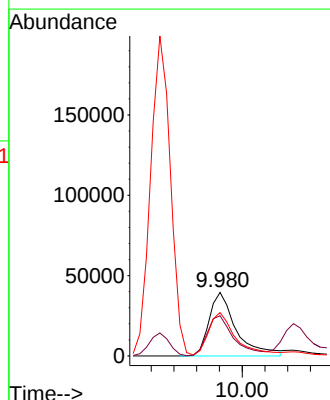
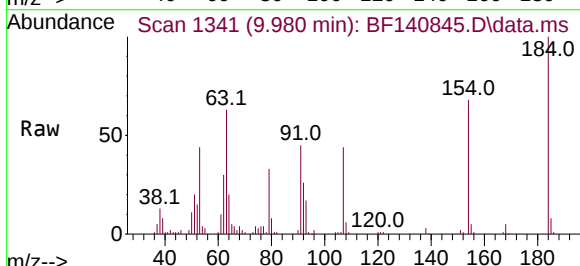
Tgt Ion:184 Resp: 65341

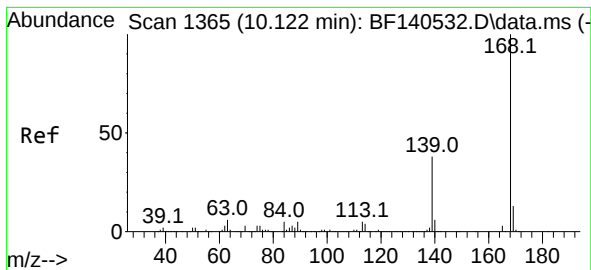
Ion Ratio Lower Upper

184 100

63 63.1 54.1 81.1

154 68.1 57.4 86.0





#55

Dibenzenofuran

Concen: 59.872 ng

RT: 10.104 min Scan# 1362

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

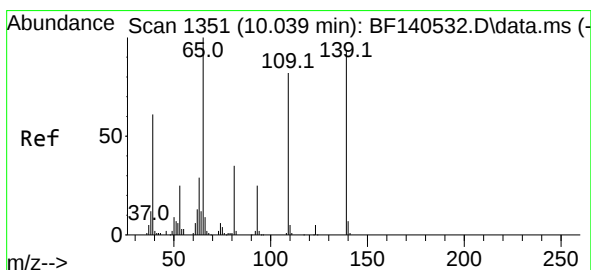
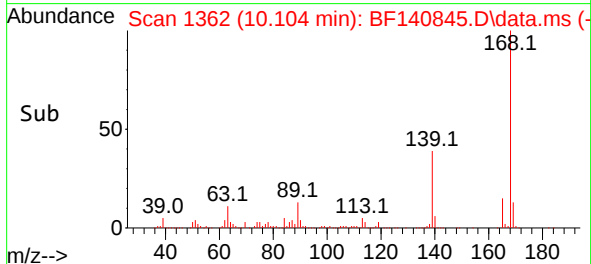
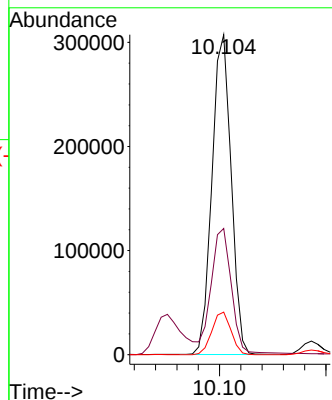
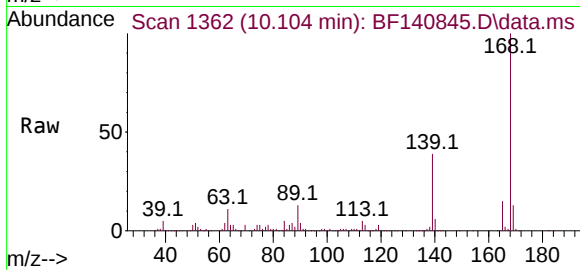
Tgt Ion:168 Resp: 383715

Ion Ratio Lower Upper

168 100

139 39.5 31.3 46.9

169 13.3 10.5 15.7



#56

4-Nitrophenol

Concen: 91.765 ng

RT: 10.051 min Scan# 1353

Delta R.T. 0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

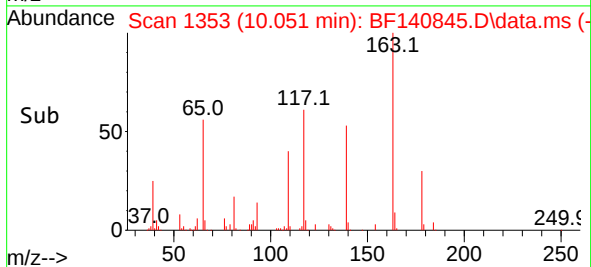
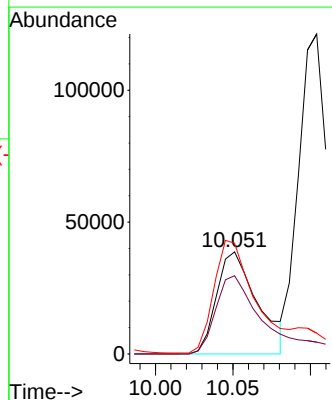
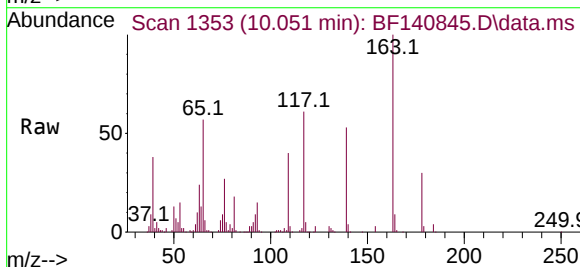
Tgt Ion:139 Resp: 70730

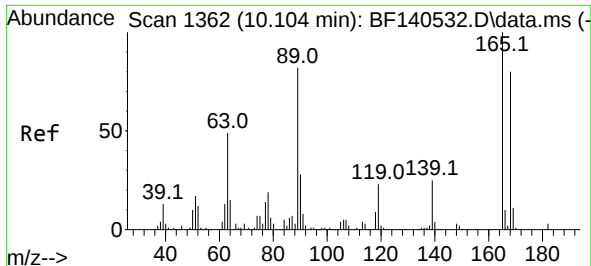
Ion Ratio Lower Upper

139 100

109 76.7 68.4 108.4

65 108.4 88.6 128.6

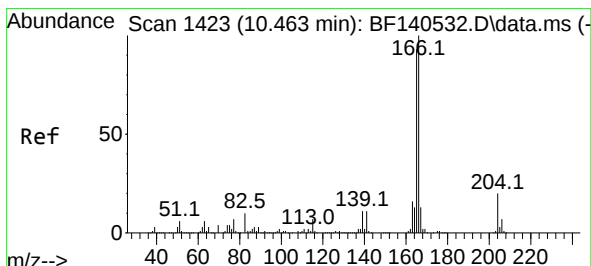
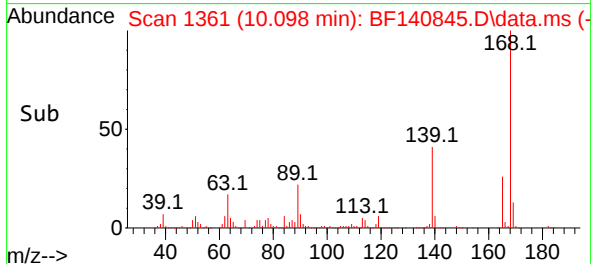
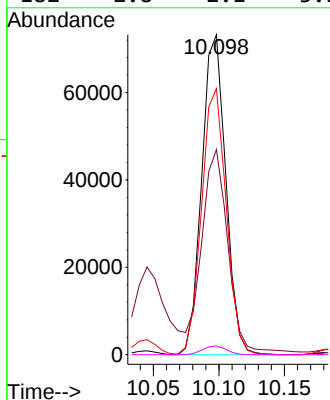
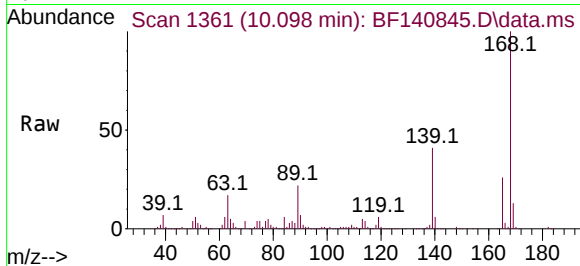




#57
2,4-Dinitrotoluene
Concen: 60.783 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

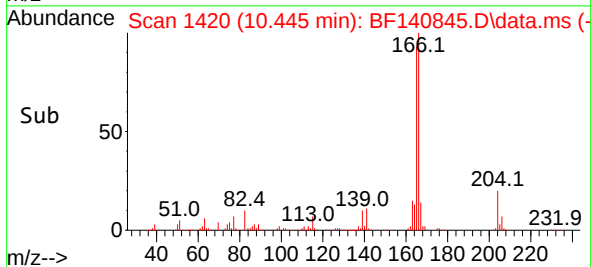
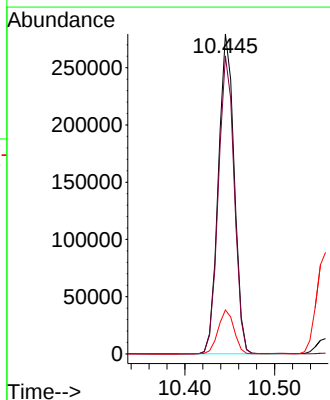
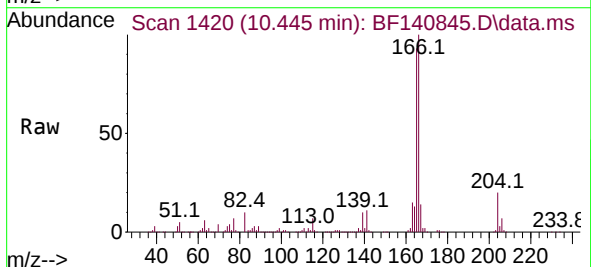
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:165 Resp: 93347
Ion Ratio Lower Upper
165 100
63 64.1 41.7 62.5#
89 83.1 65.8 98.8
182 2.8 2.1 3.1



#58
Fluorene
Concen: 66.597 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:166 Resp: 342591
Ion Ratio Lower Upper
166 100
165 93.2 74.6 111.8
167 13.7 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 65.793 ng

RT: 10.228 min Scan# 1383

Delta R.T. -0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion:232 Resp: 77988

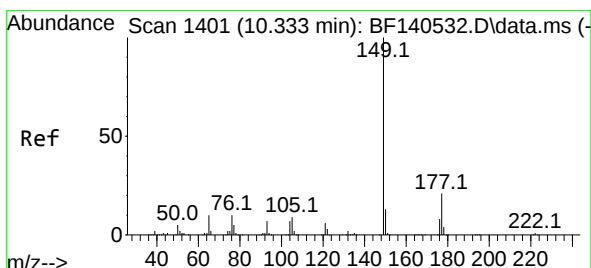
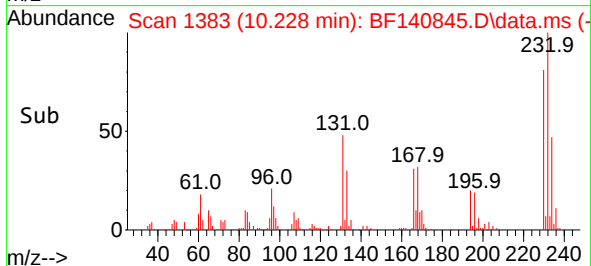
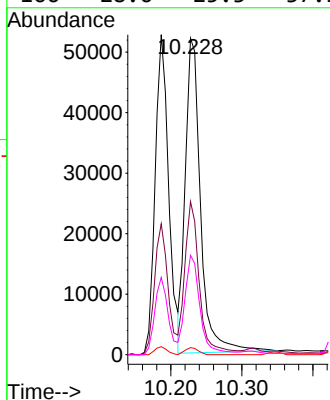
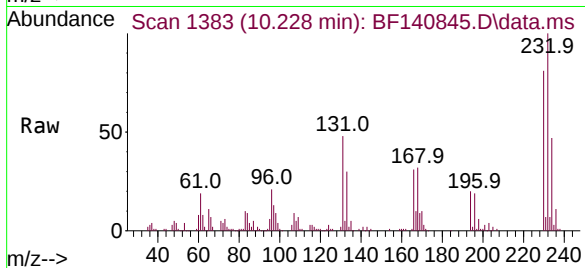
Ion Ratio Lower Upper

232 100

131 43.3 39.6 59.4

130 1.9 1.9 2.9

166 28.6 25.3 37.9



#60

Diethylphthalate

Concen: 65.416 ng

RT: 10.316 min Scan# 1398

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

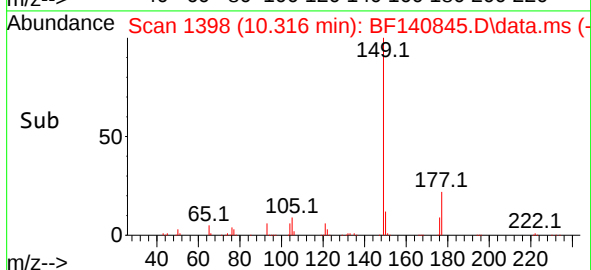
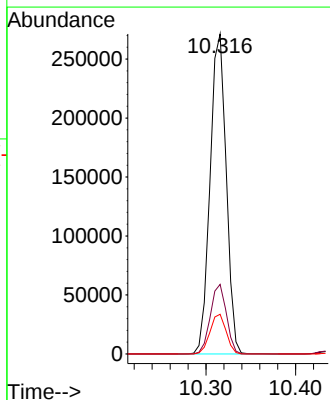
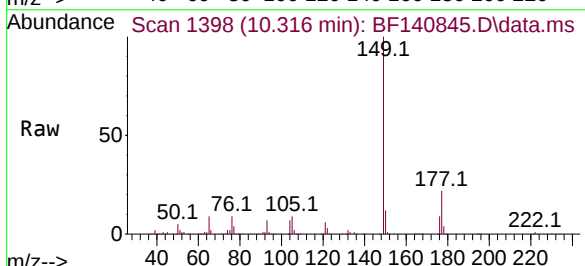
Tgt Ion:149 Resp: 338638

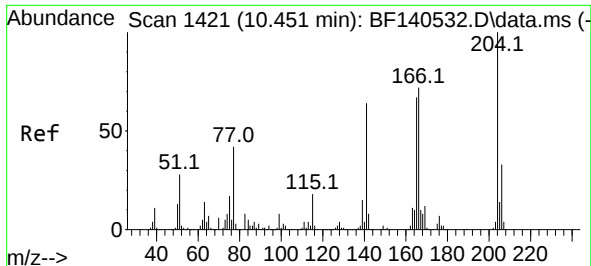
Ion Ratio Lower Upper

149 100

177 21.7 17.1 25.7

150 12.4 10.1 15.1

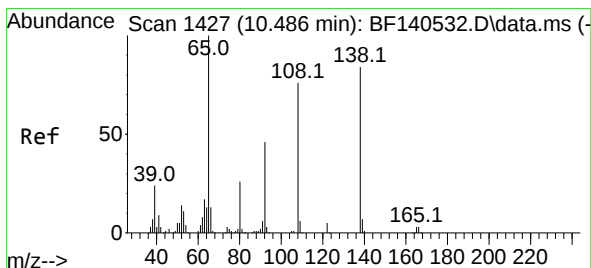
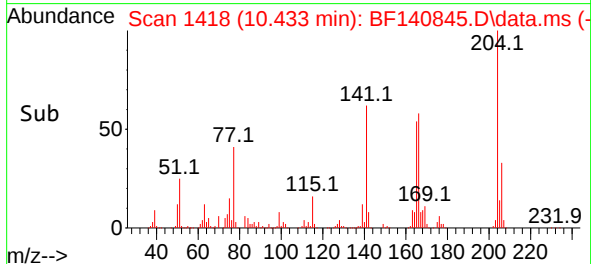
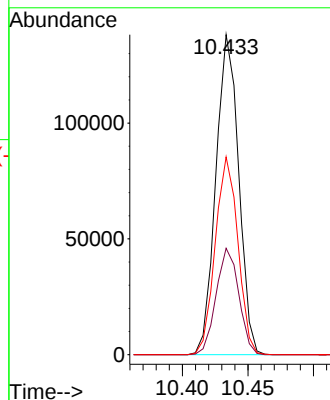
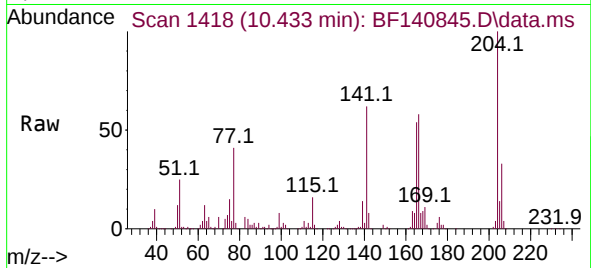




#61
4-Chlorophenyl-phenylether
Concen: 66.139 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

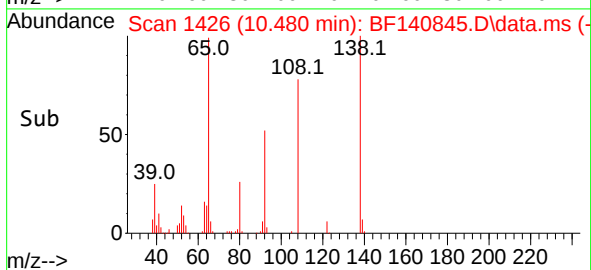
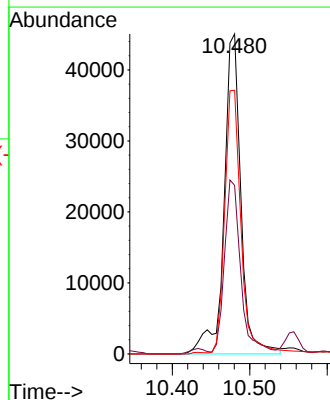
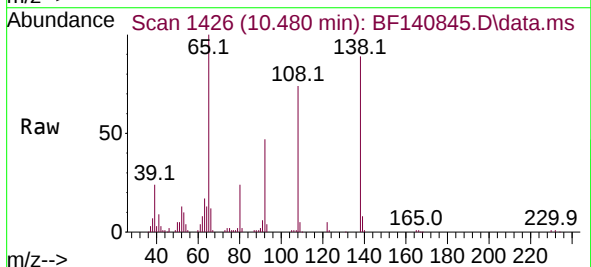
Instrument :
BNA_F
ClientSampleId :
WC-1MS

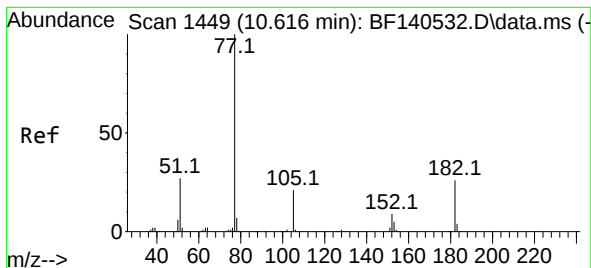
Tgt Ion:204 Resp: 166972
Ion Ratio Lower Upper
204 100
206 33.2 26.6 40.0
141 61.8 51.1 76.7



#62
4-Nitroaniline
Concen: 57.536 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:138 Resp: 68199
Ion Ratio Lower Upper
138 100
92 52.7 34.5 74.5
108 82.4 70.6 110.6





#63

Azobenzene

Concen: 66.103 ng

RT: 10.598 min Scan# 1446

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

Tgt Ion: 77 Resp: 324058

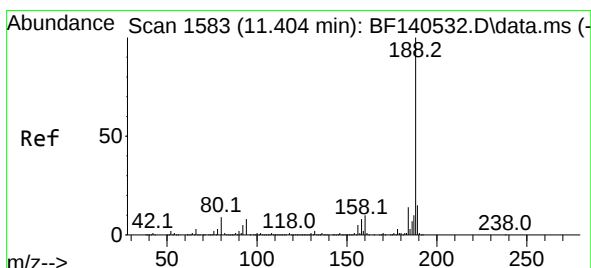
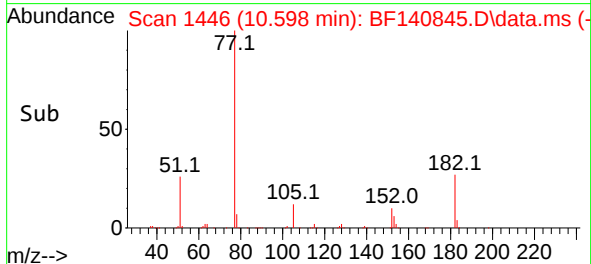
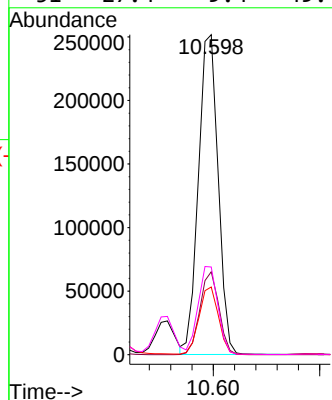
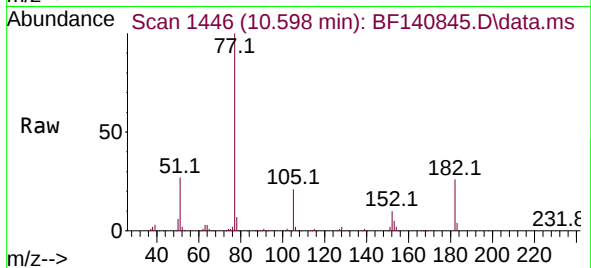
Ion Ratio Lower Upper

77 100

182 25.9 5.3 45.3

105 21.1 0.3 40.3

51 27.4 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1580

Delta R.T. -0.018 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

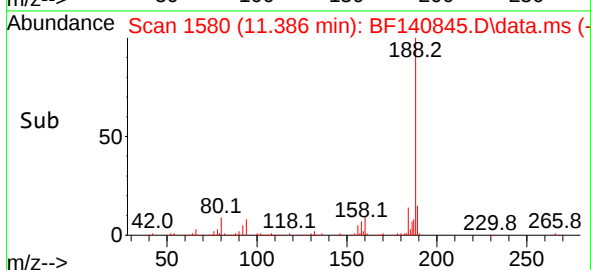
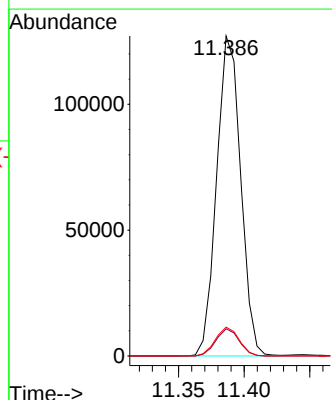
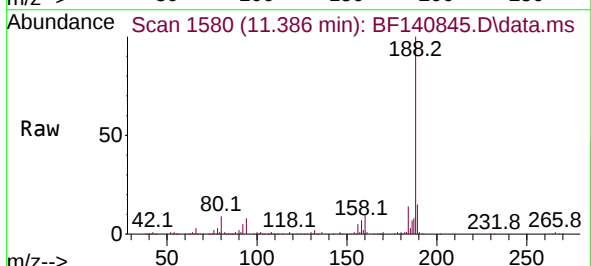
Tgt Ion:188 Resp: 161649

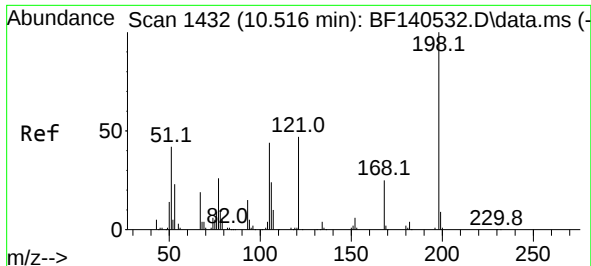
Ion Ratio Lower Upper

188 100

94 8.5 6.4 9.6

80 9.0 6.9 10.3

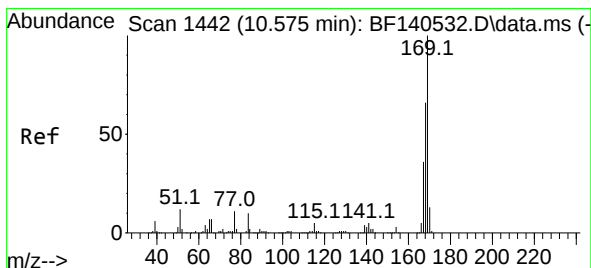
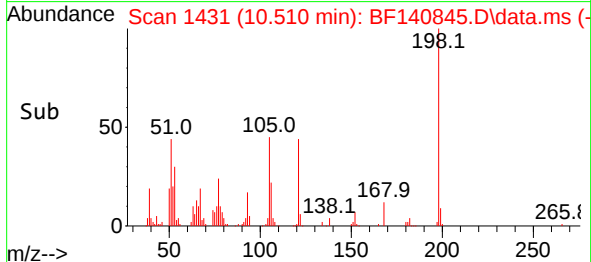
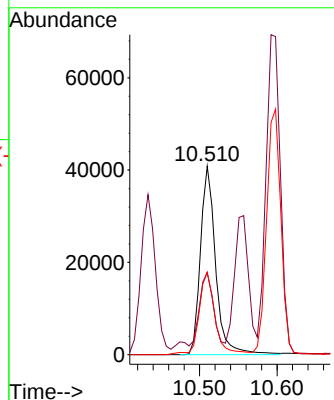
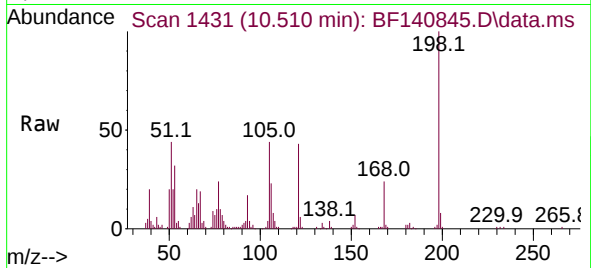




#65
4,6-Dinitro-2-methylphenol
Concen: 67.564 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

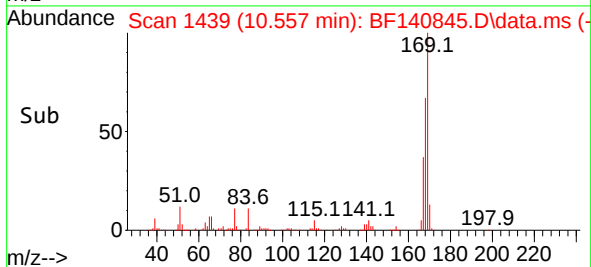
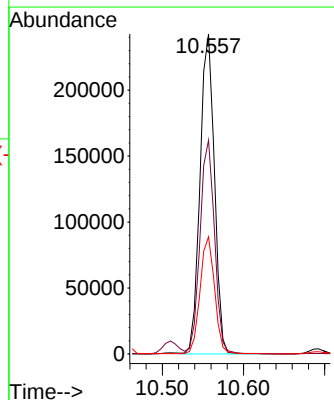
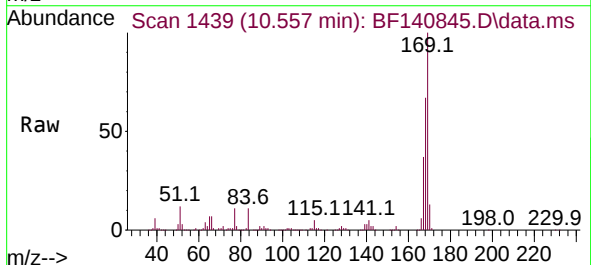
Instrument :
BNA_F
ClientSampleId :
WC-1MS

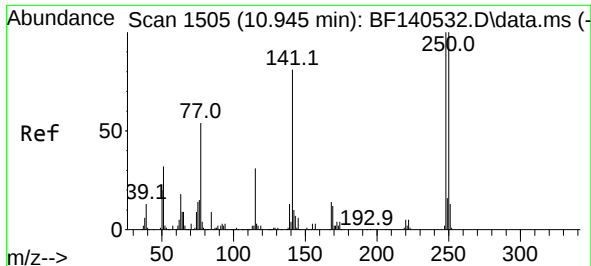
Tgt Ion:198 Resp: 55810
Ion Ratio Lower Upper
198 100
51 43.6 29.4 69.4
105 43.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 62.588 ng
RT: 10.557 min Scan# 1439
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:169 Resp: 299193
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.6 29.0 43.6

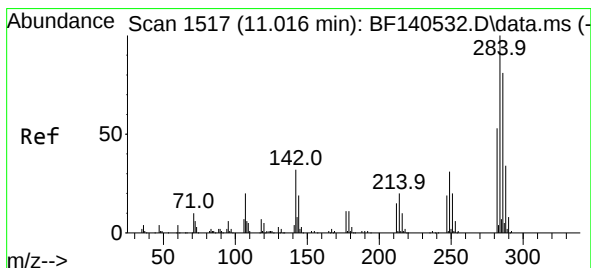
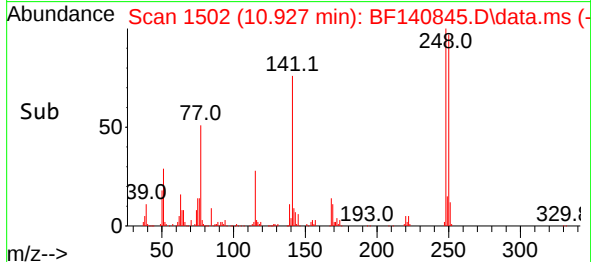
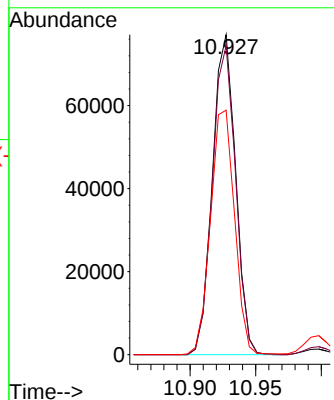
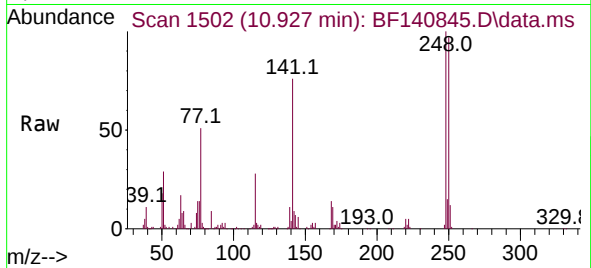




#67
4-Bromophenyl-phenylether
Concen: 56.971 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

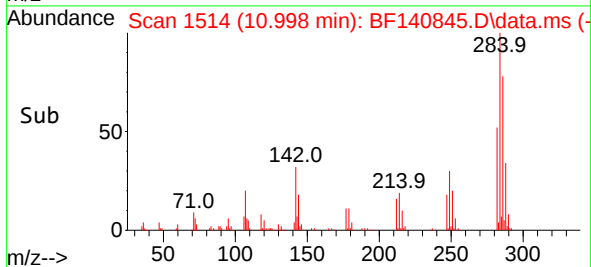
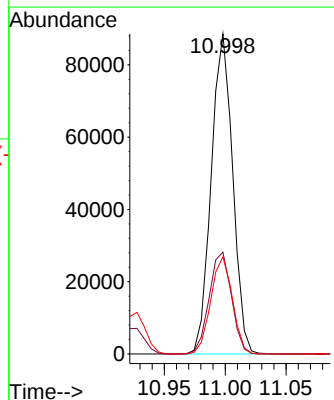
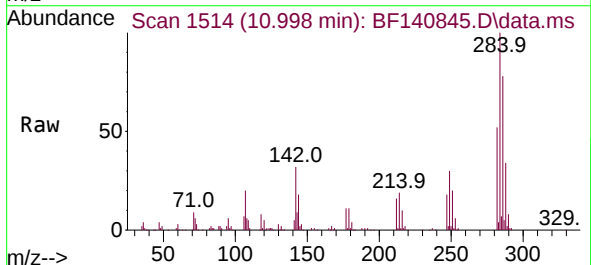
Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:248 Resp: 94842
Ion Ratio Lower Upper
248 100
250 96.6 79.8 119.8
141 76.4 64.7 97.1



#68
Hexachlorobenzene
Concen: 56.336 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:284 Resp: 108594
Ion Ratio Lower Upper
284 100
142 31.8 25.3 37.9
249 30.3 24.8 37.2





#69

Atrazine

Concen: 58.835 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

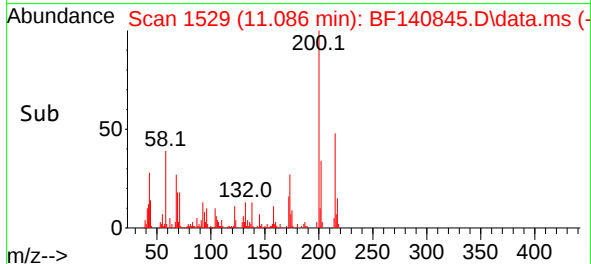
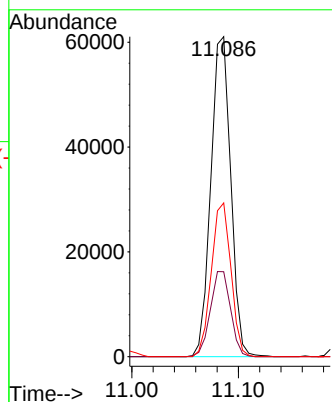
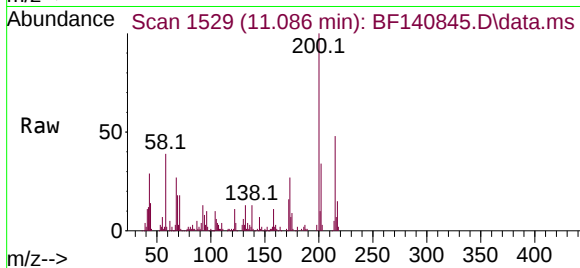
Tgt Ion:200 Resp: 79122

Ion Ratio Lower Upper

200 100

173 26.6 7.0 47.0

215 48.0 26.7 66.7



#70

Pentachlorophenol

Concen: 107.766 ng

RT: 11.204 min Scan# 1549

Delta R.T. -0.006 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

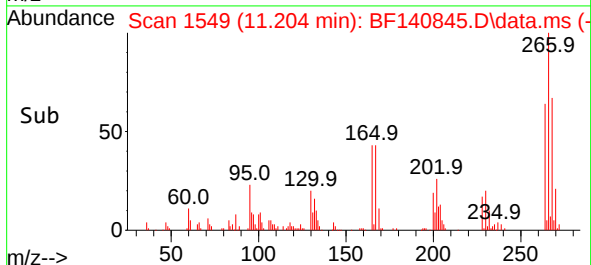
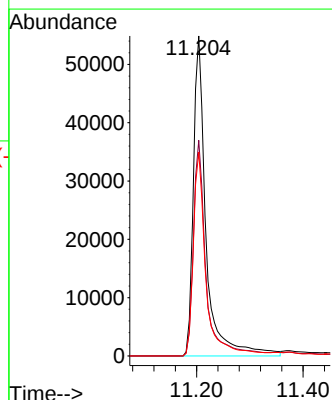
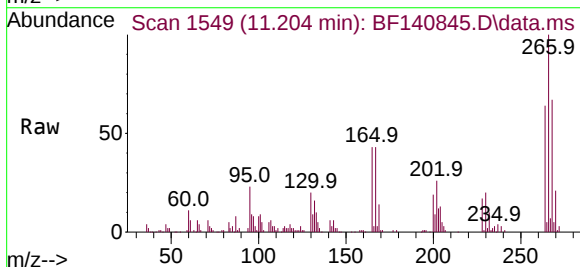
Tgt Ion:266 Resp: 91427

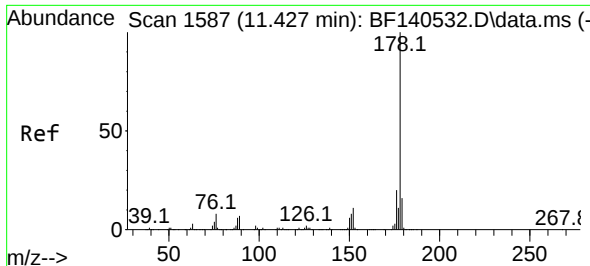
Ion Ratio Lower Upper

266 100

268 67.4 53.7 80.5

264 63.7 49.8 74.8

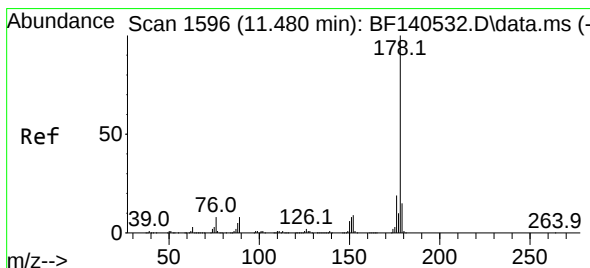
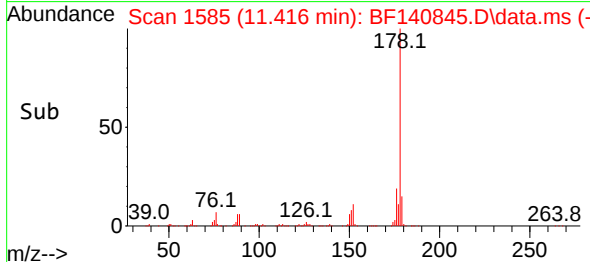
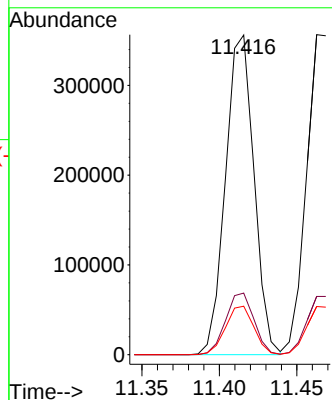
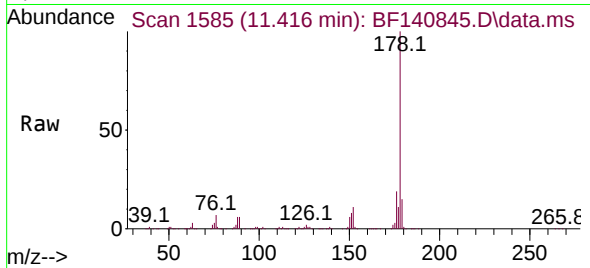




#71
Phenanthrene
Concen: 58.633 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

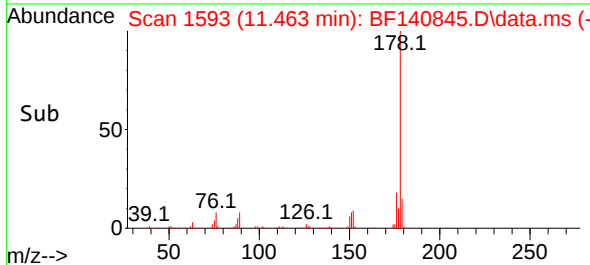
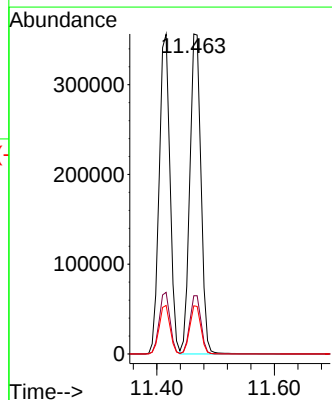
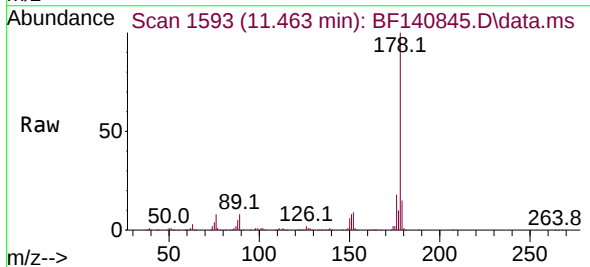
Instrument :
BNA_F
ClientSampleId :
WC-1MS

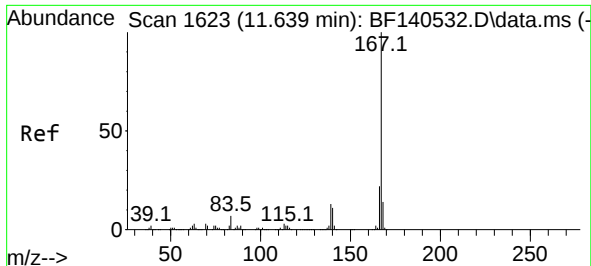
Tgt Ion:178 Resp: 455599
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.1 12.4 18.6



#72
Anthracene
Concen: 61.867 ng
RT: 11.463 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:178 Resp: 470242
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.1 12.2 18.4

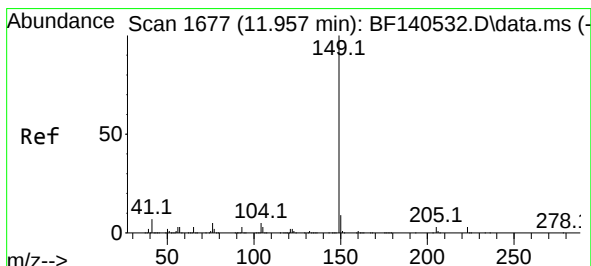
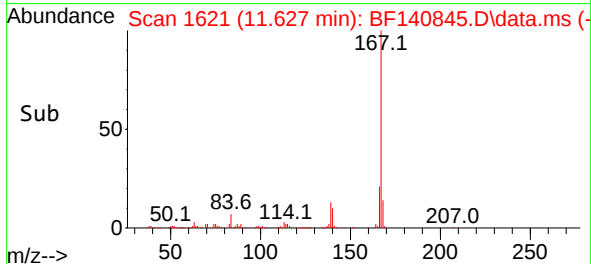
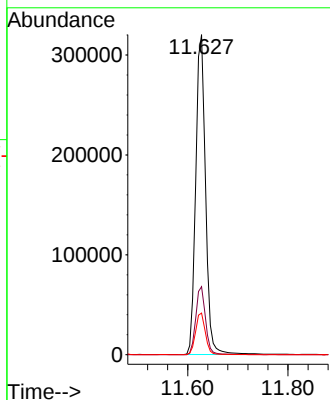
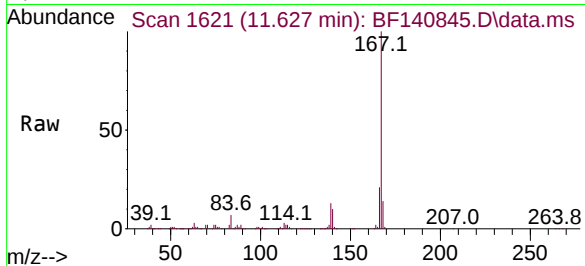




#73
 Carbazole
 Concen: 59.414 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.012 min
 Lab File: BF140845.D
 Acq: 13 Dec 2024 15:44

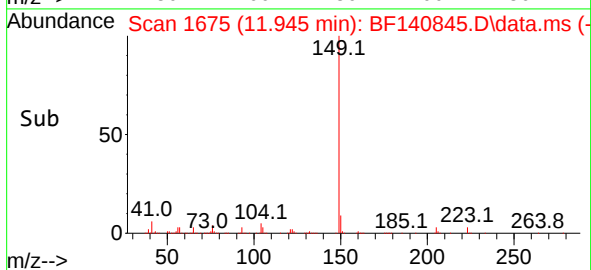
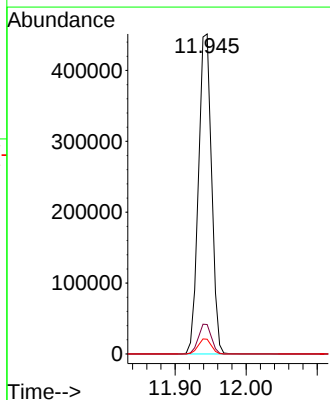
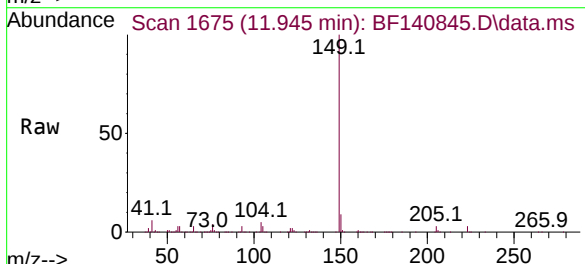
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

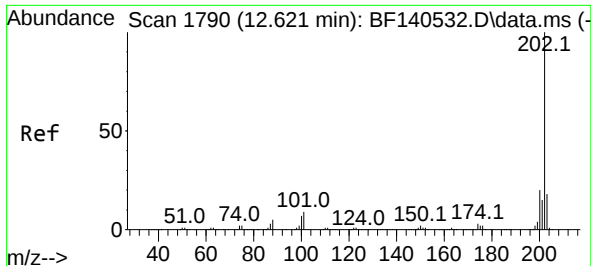
Tgt Ion:167 Resp: 434438
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.0 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 68.708 ng
 RT: 11.945 min Scan# 1675
 Delta R.T. -0.012 min
 Lab File: BF140845.D
 Acq: 13 Dec 2024 15:44

Tgt Ion:149 Resp: 580013
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.6 4.1 6.1

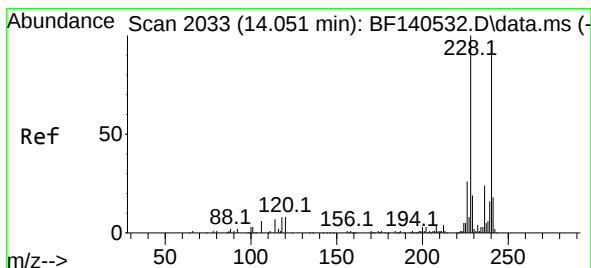
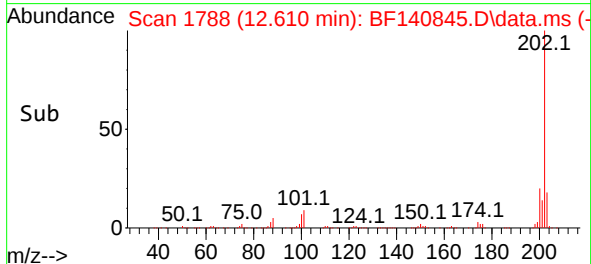
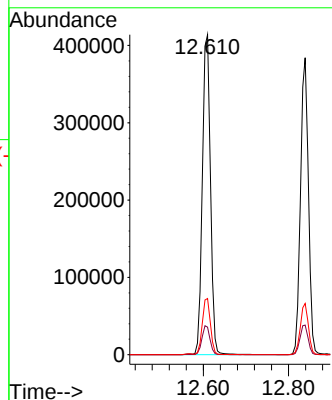
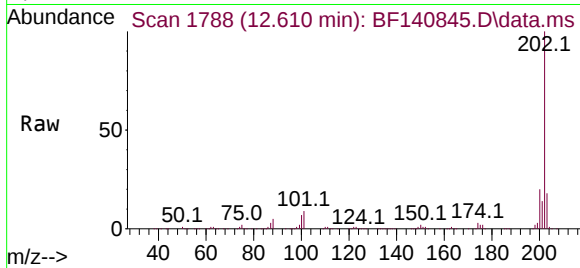




#75
Fluoranthene
Concen: 64.699 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

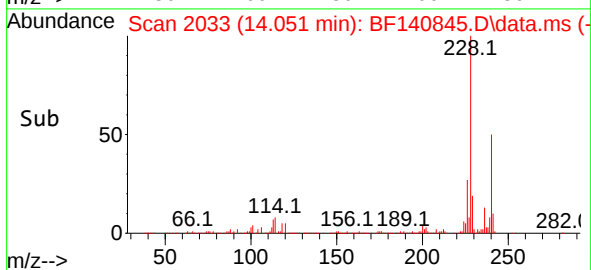
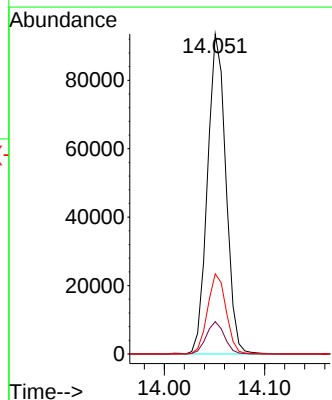
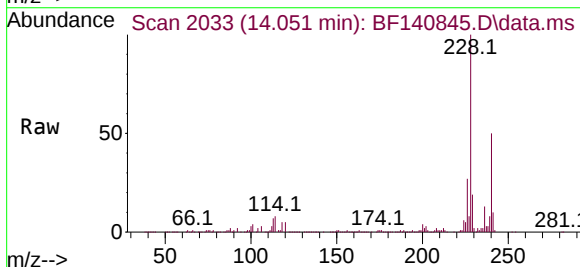
Instrument :
BNA_F
ClientSampleId :
WC-1MS

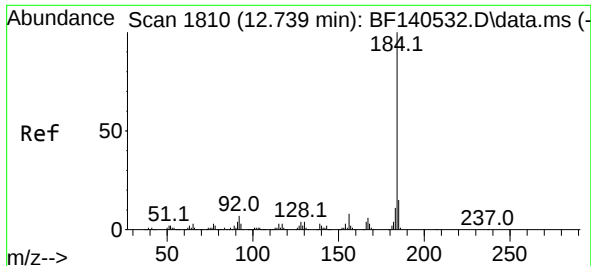
Tgt Ion:202 Resp: 545834
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:240 Resp: 119212
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.1 20.6 31.0

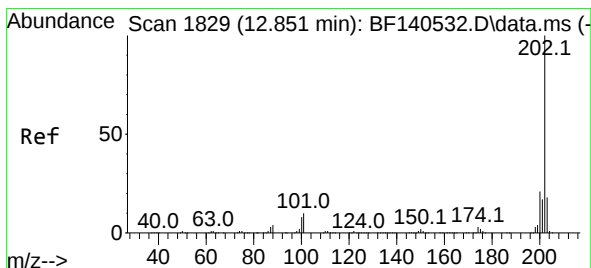
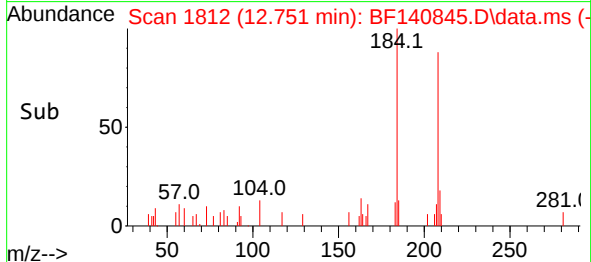
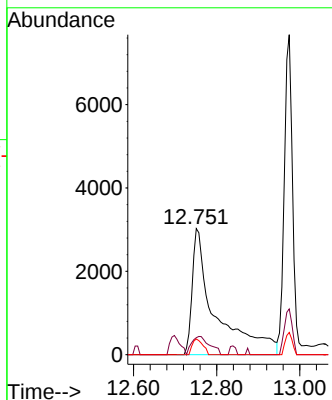
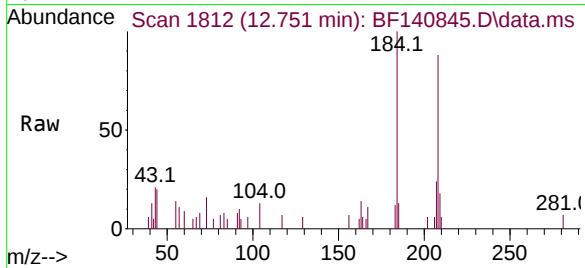




#77
Benzidine
Concen: 3.358 ng m
RT: 12.751 min Scan# 1812
Delta R.T. 0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

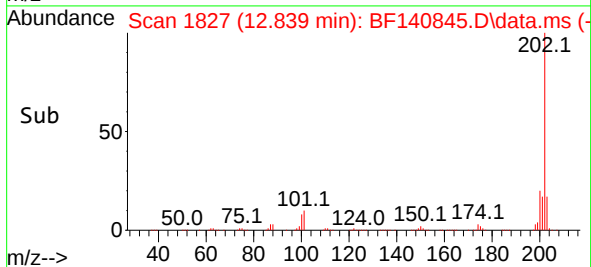
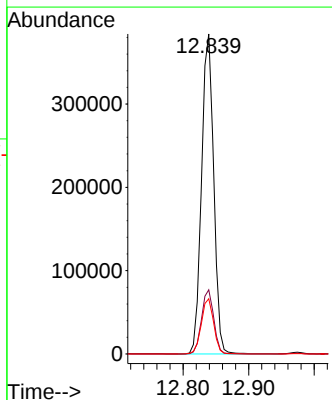
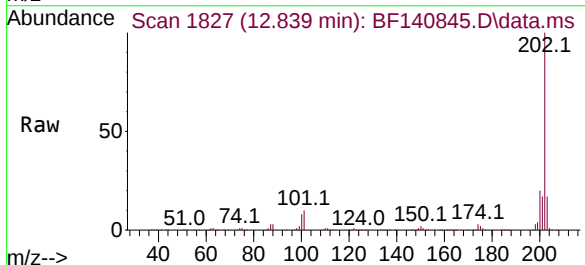
Instrument :
BNA_F
ClientSampleId :
WC-1MS

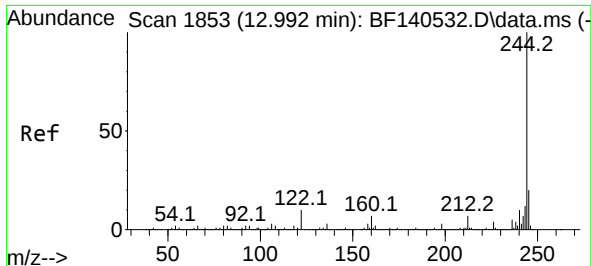
Tgt Ion:184 Resp: 11639
Ion Ratio Lower Upper
184 100
185 13.4 11.7 17.5
183 12.5 8.8 13.2



#78
Pyrene
Concen: 45.051 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

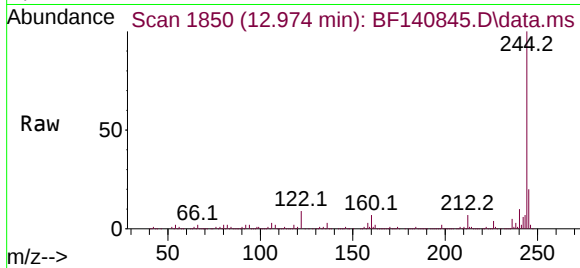
Tgt Ion:202 Resp: 496583
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.2 14.2 21.4



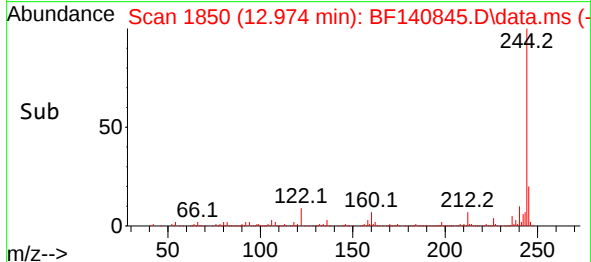
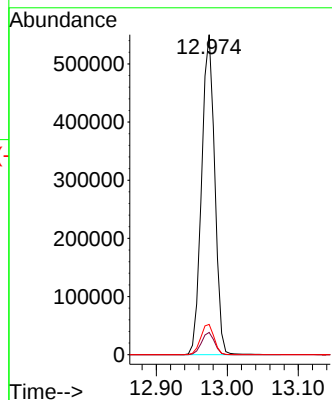


#79
 Terphenyl-d14
 Concen: 92.464 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140845.D
 Acq: 13 Dec 2024 15:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MS

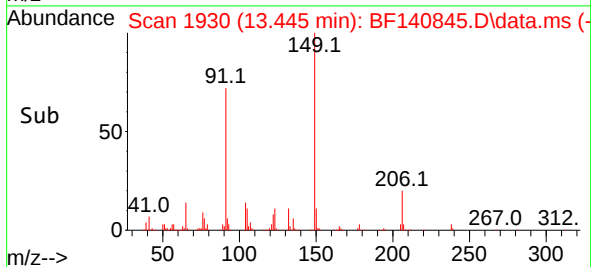
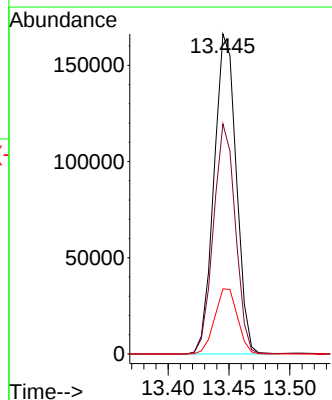
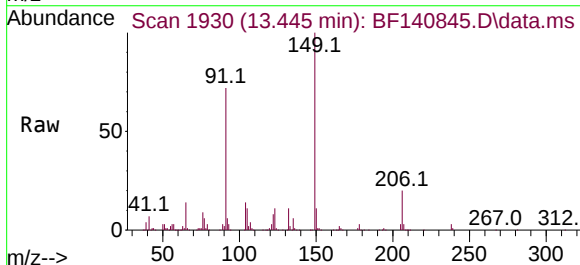


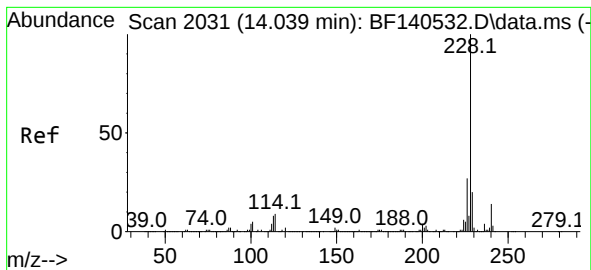
Tgt Ion:244 Resp: 707890
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.5 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 53.317 ng
 RT: 13.445 min Scan# 1930
 Delta R.T. -0.018 min
 Lab File: BF140845.D
 Acq: 13 Dec 2024 15:44

Tgt Ion:149 Resp: 211713
 Ion Ratio Lower Upper
 149 100
 91 71.9 56.2 84.2
 206 20.4 16.4 24.6





#81

Benzo(a)anthracene

Concen: 58.476 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

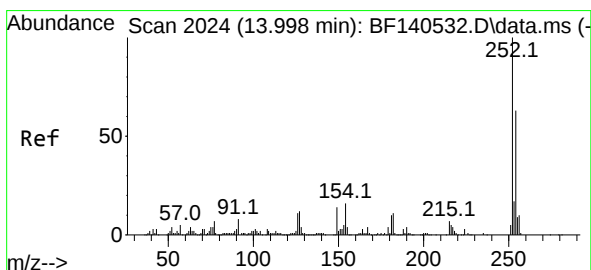
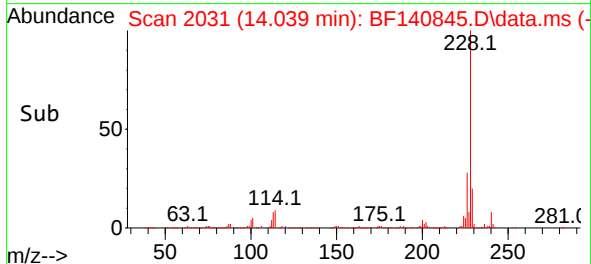
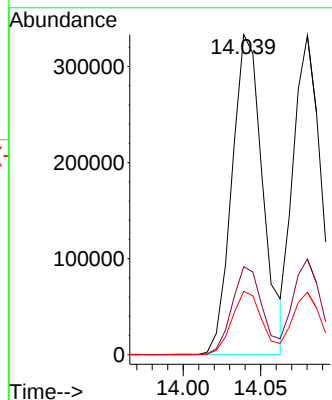
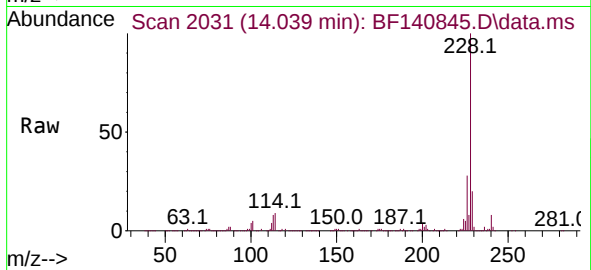
Tgt Ion:228 Resp: 461456

Ion Ratio Lower Upper

228 100

226 27.5 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 16.757 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

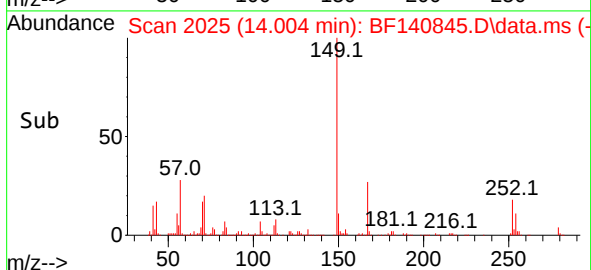
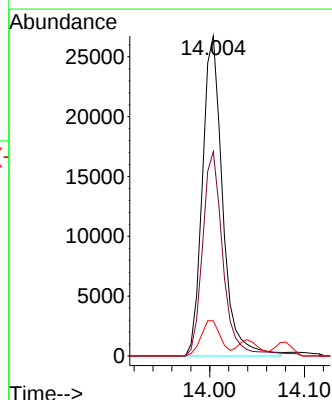
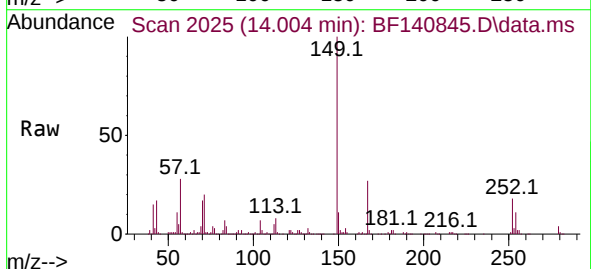
Tgt Ion:252 Resp: 39702

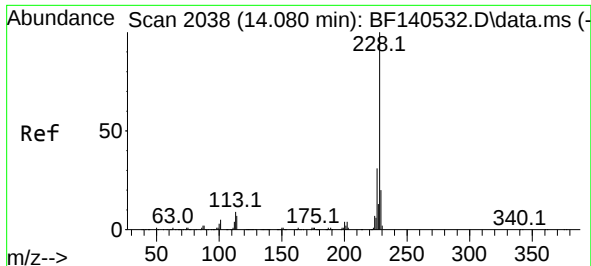
Ion Ratio Lower Upper

252 100

254 63.9 50.8 76.2

126 11.0 8.6 13.0





#83

Chrysene

Concen: 57.462 ng

RT: 14.080 min Scan# 2038

Delta R.T. -0.000 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

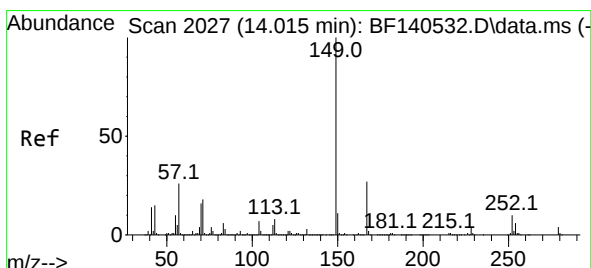
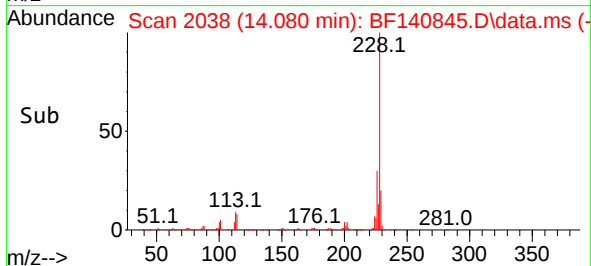
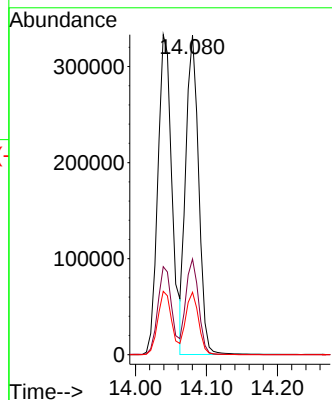
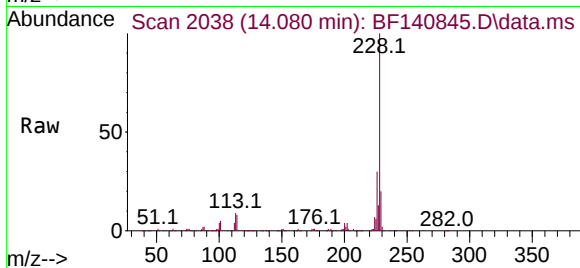
Tgt Ion:228 Resp: 414633

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.917 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

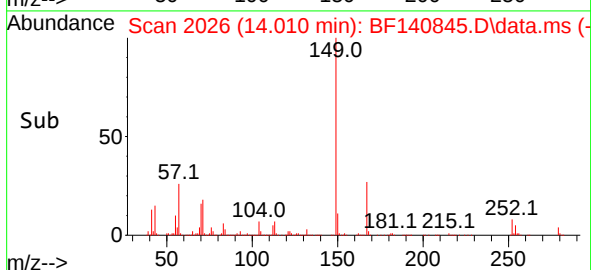
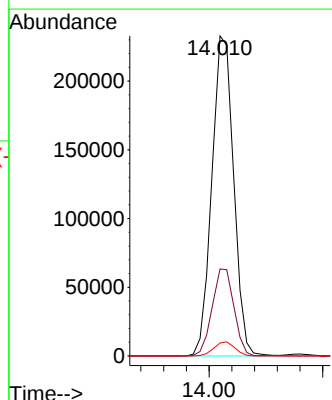
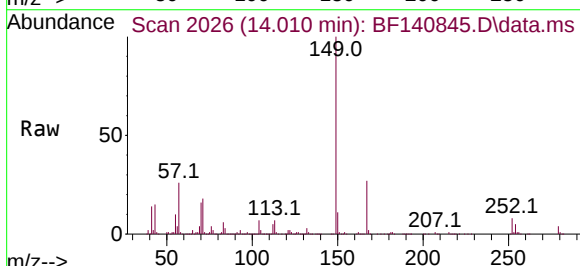
Tgt Ion:149 Resp: 310450

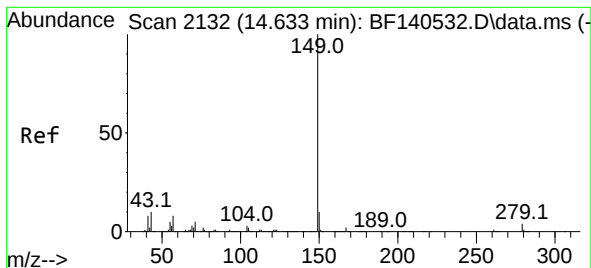
Ion Ratio Lower Upper

149 100

167 27.2 21.2 31.8

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 68.767 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

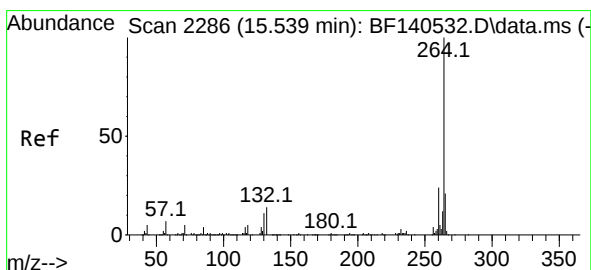
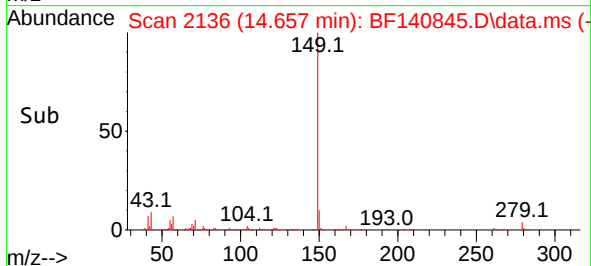
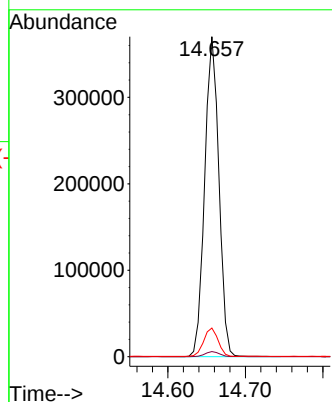
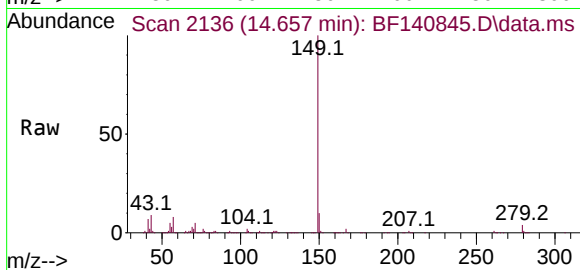
Tgt Ion:149 Resp: 471208

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

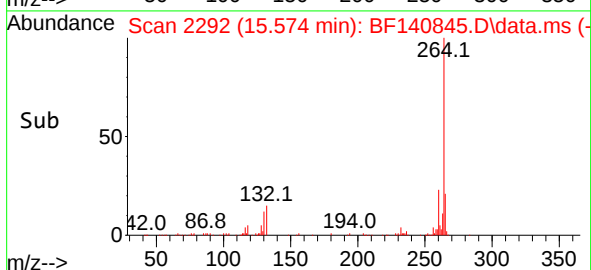
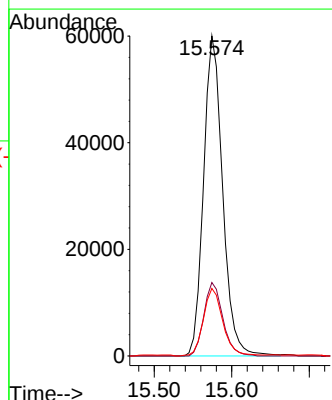
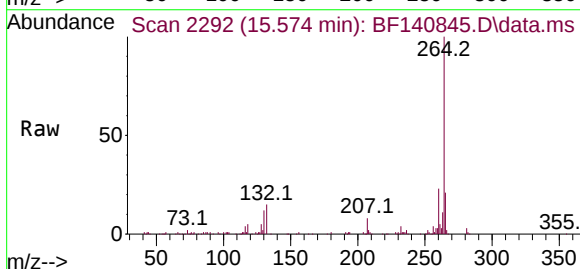
Tgt Ion:264 Resp: 102679

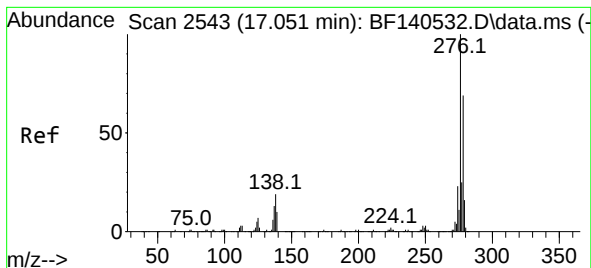
Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.1 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 58.559 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

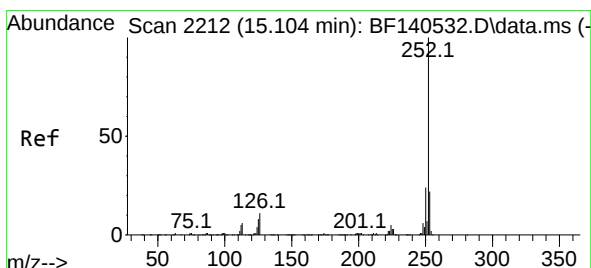
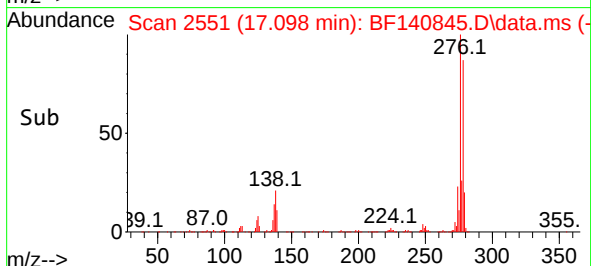
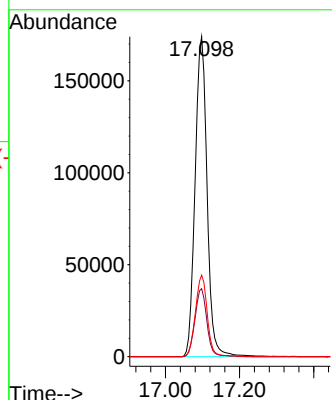
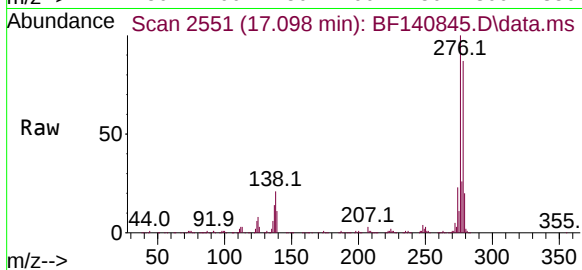
Tgt Ion:276 Resp: 391845

Ion Ratio Lower Upper

276 100

138 21.2 15.5 23.3

277 25.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 64.933 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

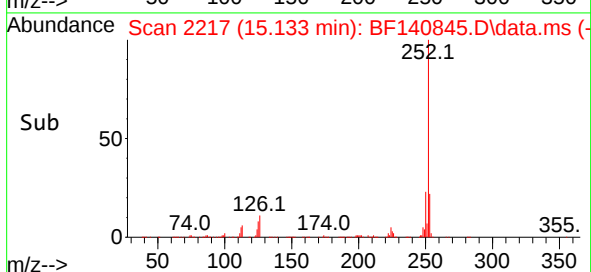
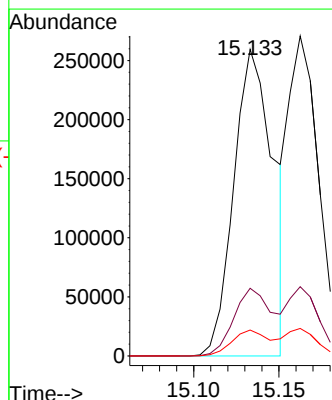
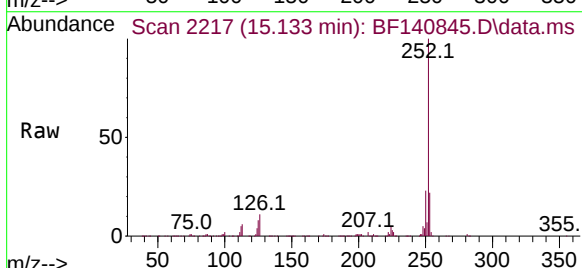
Tgt Ion:252 Resp: 418782

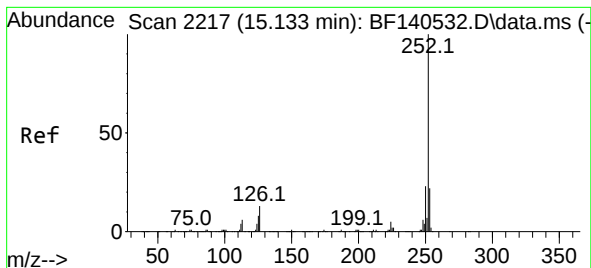
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 59.605 ng

RT: 15.162 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

Instrument :

BNA_F

ClientSampleId :

WC-1MS

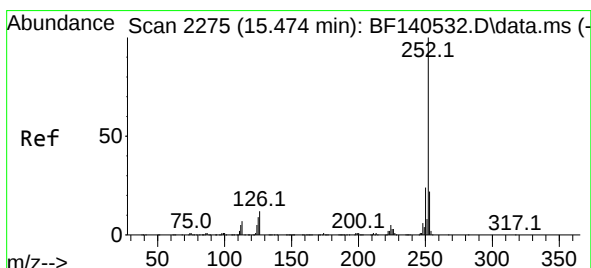
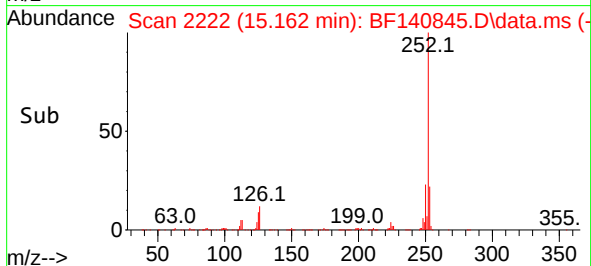
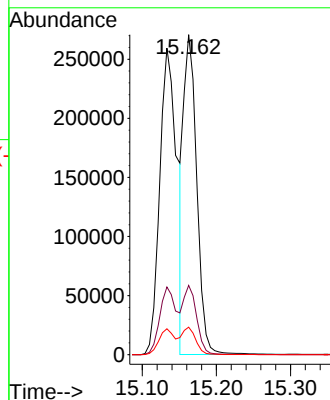
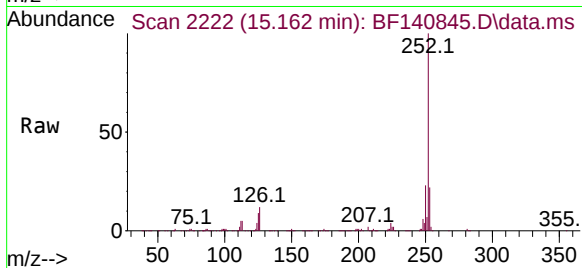
Tgt Ion:252 Resp: 336401

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.6 6.5 9.7



#90

Benzo(a)pyrene

Concen: 62.320 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.035 min

Lab File: BF140845.D

Acq: 13 Dec 2024 15:44

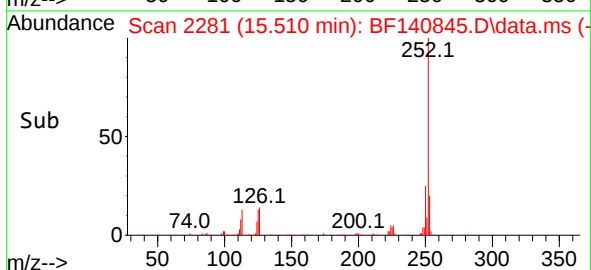
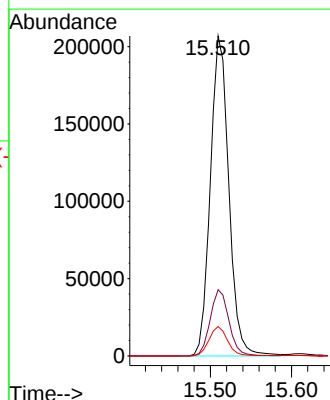
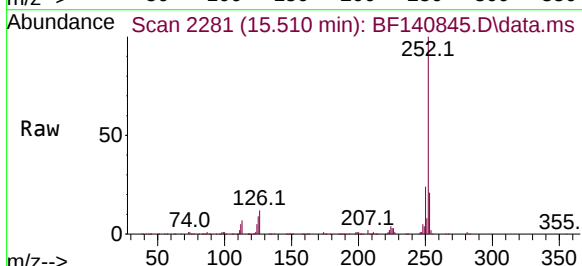
Tgt Ion:252 Resp: 326800

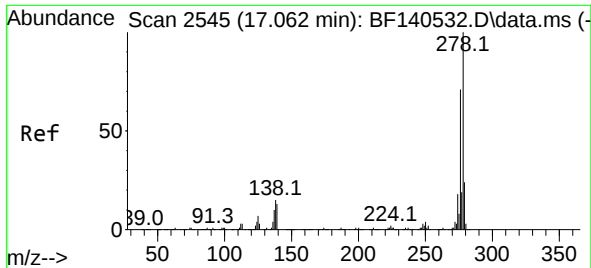
Ion Ratio Lower Upper

252 100

253 20.7 17.3 25.9

125 9.2 7.0 10.6

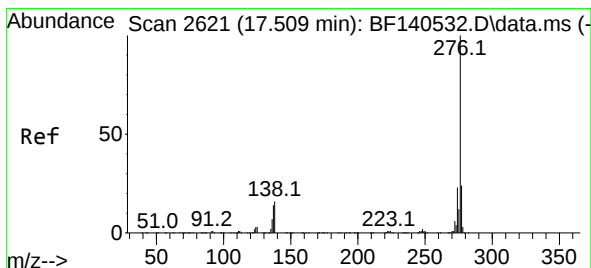
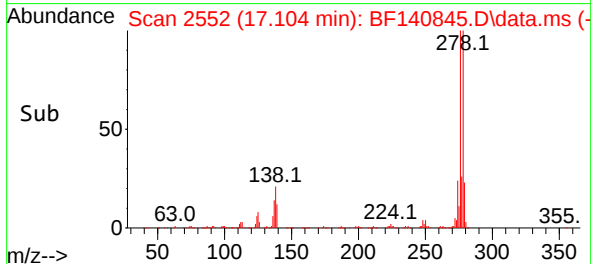
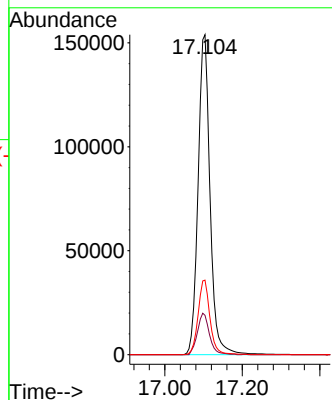
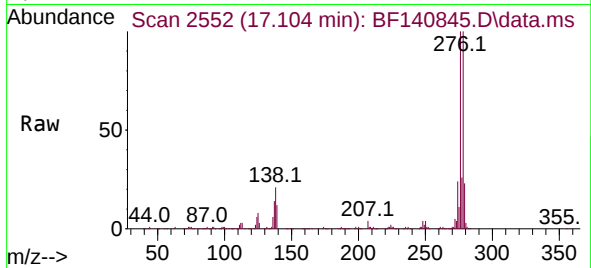




#91
Dibenzo(a,h)anthracene
Concen: 60.151 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Tgt Ion:278 Resp: 329633
Ion Ratio Lower Upper
278 100
139 12.3 10.2 15.4
279 23.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 44.667 ng
RT: 17.556 min Scan# 2629
Delta R.T. 0.047 min
Lab File: BF140845.D
Acq: 13 Dec 2024 15:44

Tgt Ion:276 Resp: 249781
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 18.3 13.2 19.8

