

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140927.D
 Acq On : 19 Dec 2024 15:39
 Operator : RC/JU
 Sample : P5291-13MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

Quant Time: Dec 19 16:08:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	51170	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	191371	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	116350	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	183633	20.000	ng	0.00
76) Chrysene-d12	14.033	240	122848	20.000	ng	0.00
86) Perylene-d12	15.539	264	89792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	557766	179.438	ng	0.01
7) Phenol-d6	6.504	99	554600	134.706	ng	0.00
23) Nitrobenzene-d5	7.416	82	417843	109.239	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	195330	141.946	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	854191	100.935	ng	0.00
79) Terphenyl-d14	12.957	244	816739	104.836	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	66332	49.542	ng	99
3) Pyridine	3.451	79	90816	29.289	ng	98
4) n-Nitrosodimethylamine	3.381	42	86780	55.517	ng	97
6) Aniline	6.522	93	35293	10.026	ng	# 1
8) 2-Chlorophenol	6.645	128	189102	55.787	ng	99
9) Benzaldehyde	6.416	77	12468	5.465	ng	95
10) Phenol	6.516	94	196380	46.022	ng	80
11) bis(2-Chloroethyl)ether	6.587	93	177728	55.850	ng	100
12) 1,3-Dichlorobenzene	6.787	146	207339	53.680	ng	99
13) 1,4-Dichlorobenzene	6.869	146	210495	53.688	ng	100
14) 1,2-Dichlorobenzene	7.016	146	200550	54.214	ng	99
15) Benzyl Alcohol	6.998	79	143200	48.646	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	215263	57.423	ng	94
17) 2-Methylphenol	7.122	107	142220	52.552	ng	98
18) Hexachloroethane	7.351	117	78126	53.526	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	135304	54.787	ng	99
20) 3+4-Methylphenols	7.275	107	190394	53.055	ng	# 80
22) Acetophenone	7.263	105	268404	56.067	ng	95
24) Nitrobenzene	7.434	77	205391	52.414	ng	98
25) Isophorone	7.675	82	364074	56.806	ng	100
26) 2-Nitrophenol	7.751	139	103729	57.474	ng	97
27) 2,4-Dimethylphenol	7.792	122	142840	67.770	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	220667	55.126	ng	98
29) 2,4-Dichlorophenol	8.004	162	162086	55.701	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	176343	52.864	ng	100
31) Naphthalene	8.151	128	610888	58.112	ng	100
32) Benzoic acid	7.939	122	75751	37.895	ng	99
33) 4-Chloroaniline	8.239	127	33916	9.714	ng	97
34) Hexachlorobutadiene	8.263	225	122099	54.403	ng	100
35) Caprolactam	8.581	113	28446	32.836	ng	99
36) 4-Chloro-3-methylphenol	8.704	107	172407	52.641	ng	99
37) 2-Methylnaphthalene	8.839	142	390527	56.160	ng	100
38) 1-Methylnaphthalene	8.939	142	363904	52.914	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	190695	53.324	ng	100
41) Hexachlorocyclopentadiene	8.992	237	83124	70.496	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	109275	49.902	ng	99

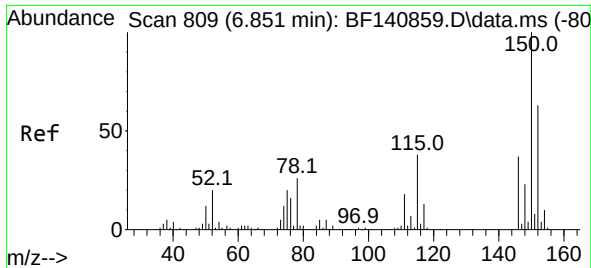
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	111961	46.518	ng	98
46) 1,1'-Biphenyl	9.304	154	500084	54.052	ng	99
47) 2-Chloronaphthalene	9.333	162	372389	52.613	ng	100
48) 2-Nitroaniline	9.439	65	101537	47.500	ng	93
49) Acenaphthylene	9.745	152	616563	59.277	ng	99
50) Dimethylphthalate	9.604	163	451954	55.096	ng	100
51) 2,6-Dinitrotoluene	9.680	165	96579	51.501	ng	90
52) Acenaphthene	9.916	154	366286	55.128	ng	100
53) 3-Nitroaniline	9.857	138	14565	7.826	ng	100
54) 2,4-Dinitrophenol	9.975	184	88915	95.772	ng	92
55) Dibenzofuran	10.092	168	553087	53.720	ng	100
56) 4-Nitrophenol	10.045	139	50664	52.243	ng	98
57) 2,4-Dinitrotoluene	10.092	165	126004	51.069	ng	96
58) Fluorene	10.433	166	429686	50.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	98397	50.171	ng	98
60) Diethylphthalate	10.304	149	422199	49.634	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	216006	50.627	ng	99
62) 4-Nitroaniline	10.469	138	44632	22.950	ng	96
63) Azobenzene	10.586	77	394801	49.370	ng	96
65) 4,6-Dinitro-2-methylph...	10.504	198	64738	62.214	ng	96
66) n-Nitrosodiphenylamine	10.545	169	257939	45.686	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	125658	61.167	ng	96
68) Hexachlorobenzene	10.986	284	140192	60.189	ng	99
69) Atrazine	11.069	200	21893	13.884	ng	96
70) Pentachlorophenol	11.192	266	80143	94.112	ng	99
71) Phenanthrene	11.398	178	571398	60.509	ng	99
72) Anthracene	11.451	178	576379	61.978	ng	99
73) Carbazole	11.610	167	308077	33.822	ng	100
74) Di-n-butylphthalate	11.927	149	610767	57.133	ng	99
75) Fluoranthene	12.592	202	563657	51.829	ng	100
78) Pyrene	12.821	202	571583	52.322	ng	99
80) Butylbenzylphthalate	13.427	149	216729	53.918	ng	100
81) Benzo(a)anthracene	14.021	228	475492	54.613	ng	99
83) Chrysene	14.063	228	447642	56.540	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	305871	59.014	ng	100
85) Di-n-octyl phthalate	14.627	149	490124	62.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	584171	104.254	ng	99
88) Benzo(b)fluoranthene	15.104	252	486714	78.088	ng	100
89) Benzo(k)fluoranthene	15.133	252	384189	71.857	ng	100
90) Benzo(a)pyrene	15.480	252	408017	83.600	ng	100
91) Dibenzo(a,h)anthracene	17.062	278	502471	108.242	ng	99
92) Benzo(g,h,i)perylene	17.509	276	427180	90.416	ng	99

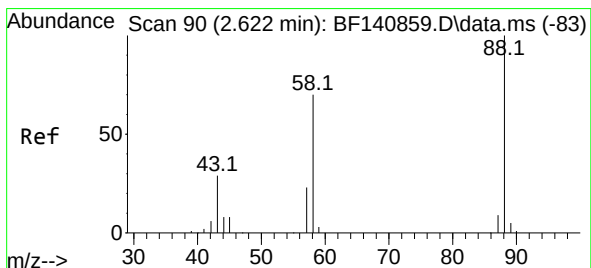
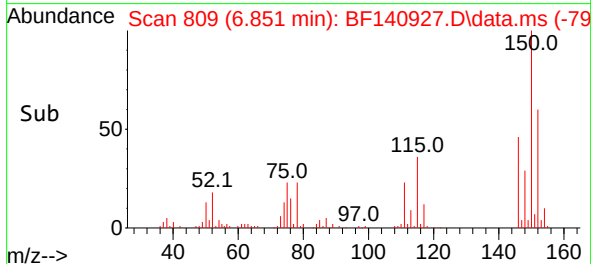
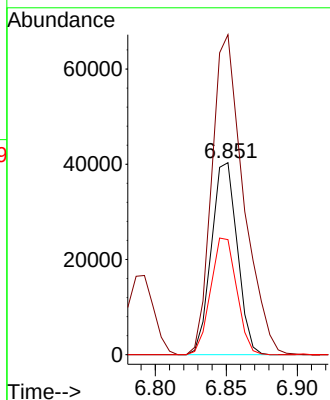
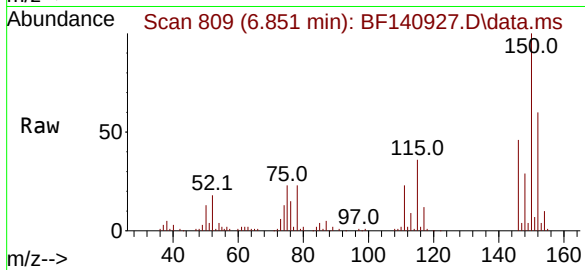
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

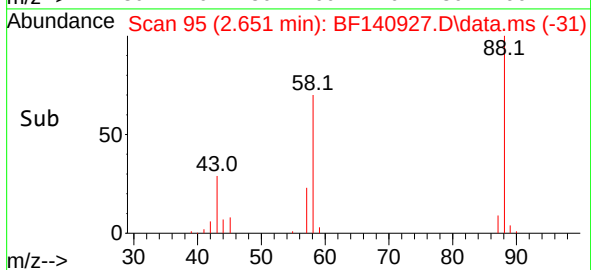
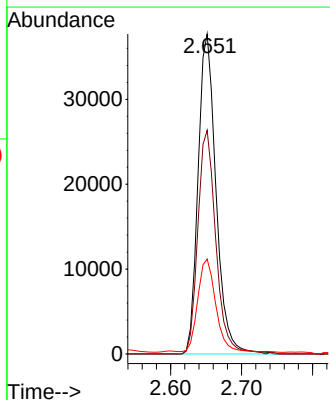
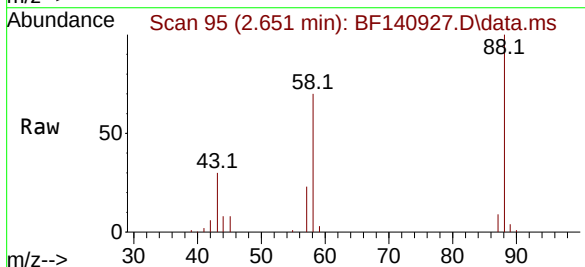
Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

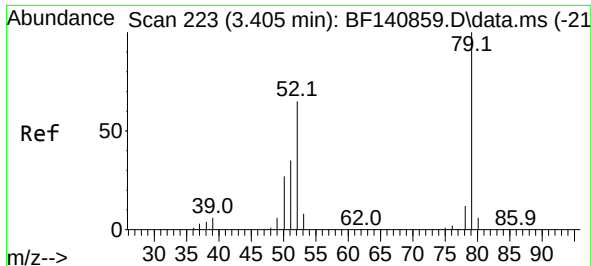
Tgt Ion:152 Resp: 51170
 Ion Ratio Lower Upper
 152 100
 150 166.7 127.9 191.9
 115 60.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 49.542 ng
 RT: 2.651 min Scan# 95
 Delta R.T. 0.029 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

Tgt Ion: 88 Resp: 66332
 Ion Ratio Lower Upper
 88 100
 58 70.0 55.8 83.8
 43 29.7 22.7 34.1





#3

Pyridine

Concen: 29.289 ng

RT: 3.451 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

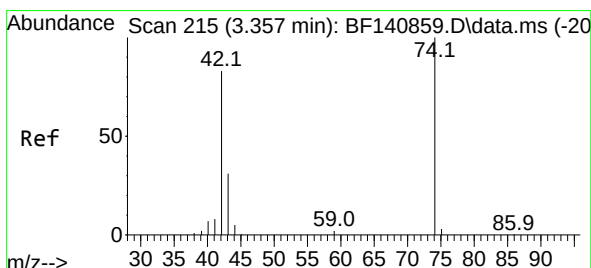
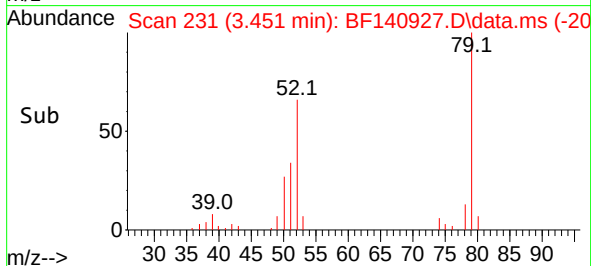
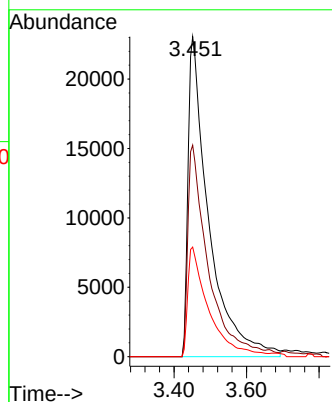
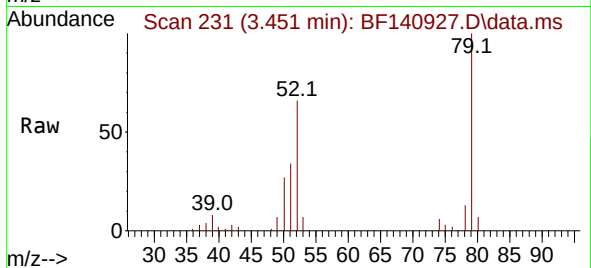
Tgt Ion: 79 Resp: 90816

Ion Ratio Lower Upper

79 100

52 66.1 51.7 77.5

51 34.3 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 55.517 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.023 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

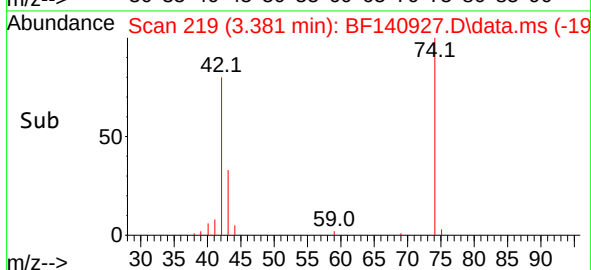
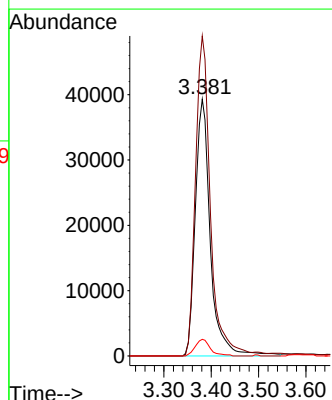
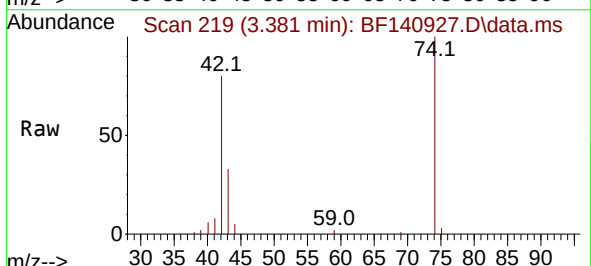
Tgt Ion: 42 Resp: 86780

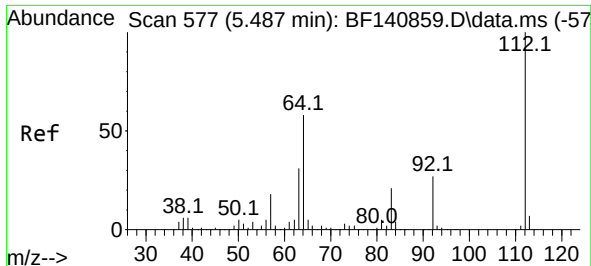
Ion Ratio Lower Upper

42 100

74 124.6 96.9 145.3

44 6.5 4.4 6.6

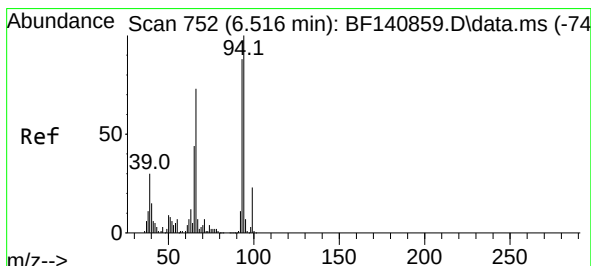
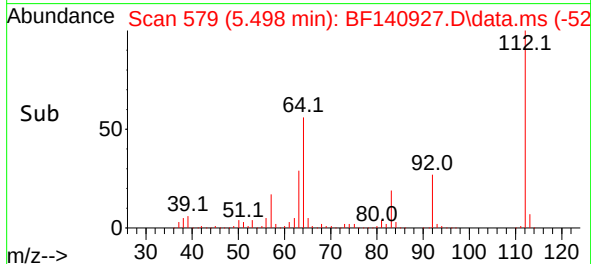
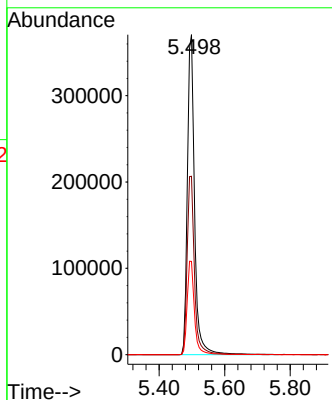
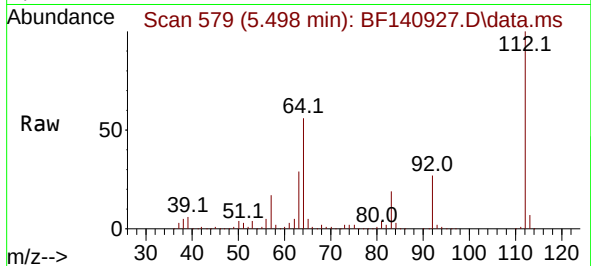




#5
2-Fluorophenol
Concen: 179.438 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

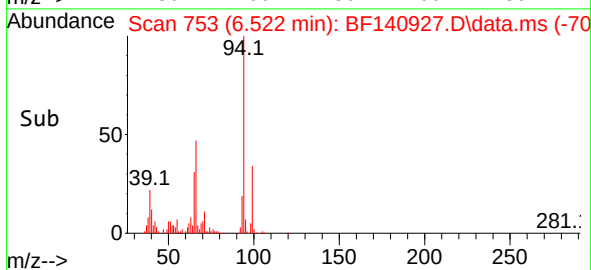
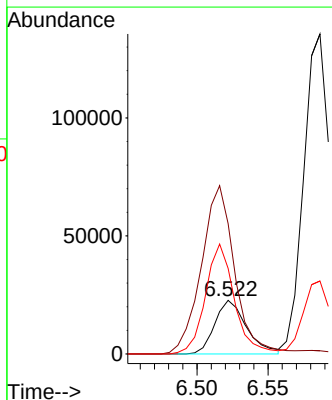
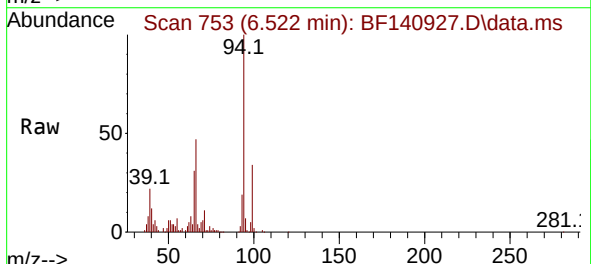
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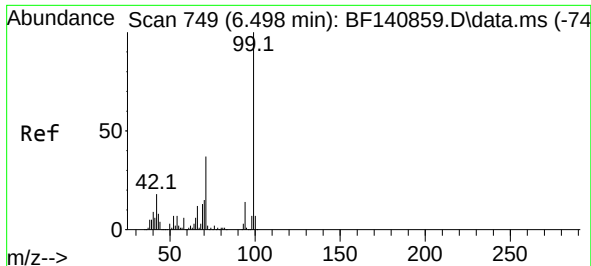
Tgt Ion:112 Resp: 557766
Ion Ratio Lower Upper
112 100
64 55.7 46.1 69.1
63 29.2 24.9 37.3



#6
Aniline
Concen: 10.026 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 93 Resp: 35293
Ion Ratio Lower Upper
93 100
66 243.4 67.0 100.4#
65 160.0 40.4 60.6#

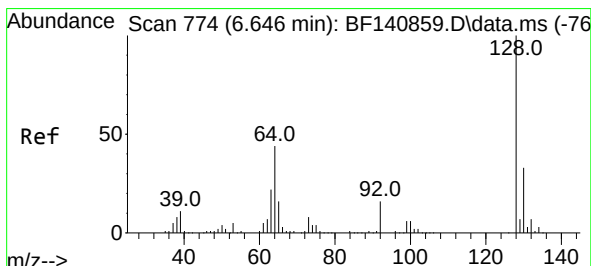
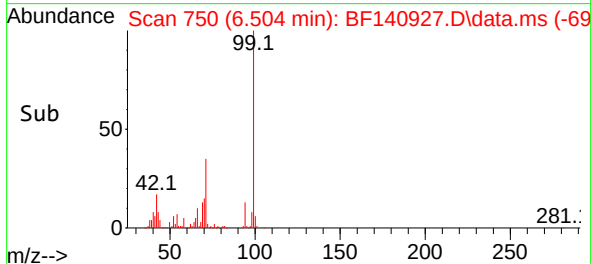
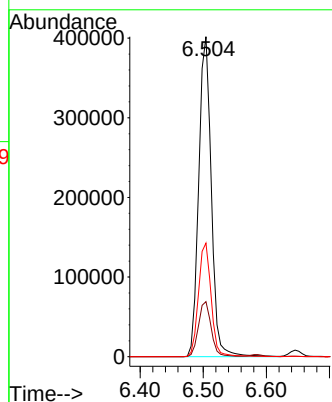
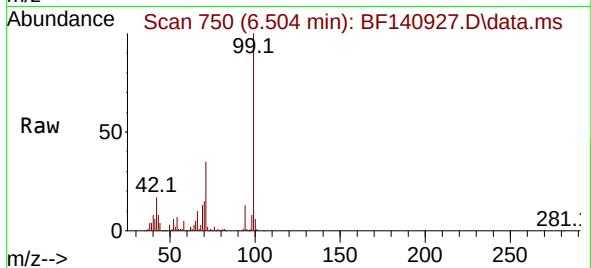




#7
Phenol-d6
Concen: 134.706 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

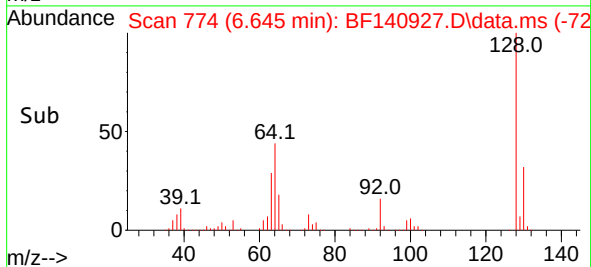
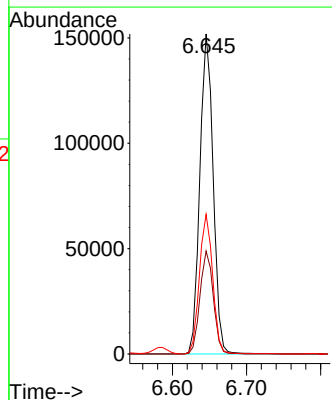
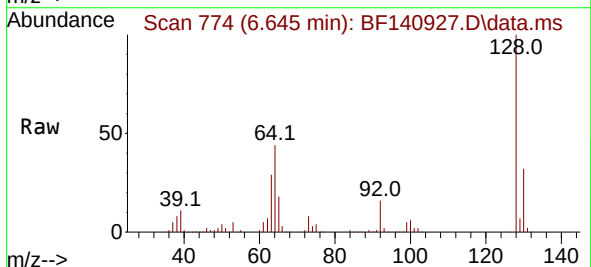
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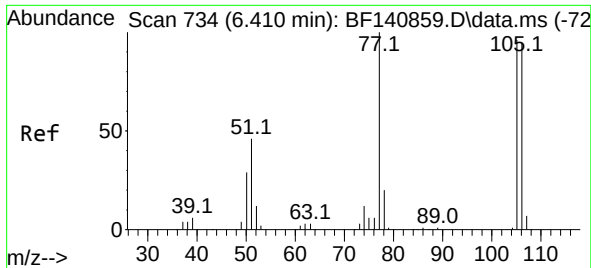
Tgt Ion: 99 Resp: 554600
Ion Ratio Lower Upper
99 100
42 17.2 14.3 21.5
71 35.5 29.9 44.9



#8
2-Chlorophenol
Concen: 55.787 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:128 Resp: 189102
Ion Ratio Lower Upper
128 100
130 32.2 12.9 52.9
64 43.6 24.3 64.3





#9

Benzaldehyde

Concen: 5.465 ng

RT: 6.416 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

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BNA_F

ClientSampleId :

WC-20241213MSD

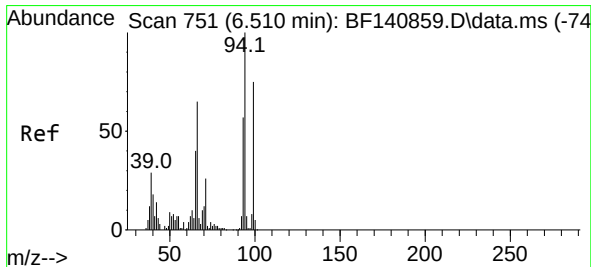
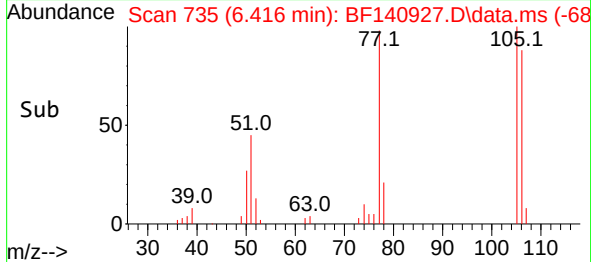
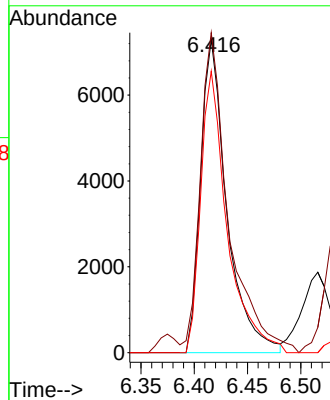
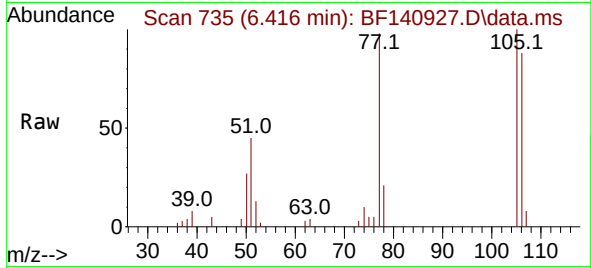
Tgt Ion: 77 Resp: 12468

Ion Ratio Lower Upper

77 100

105 102.3 75.8 115.8

106 89.9 74.1 114.1



#10

Phenol

Concen: 46.022 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

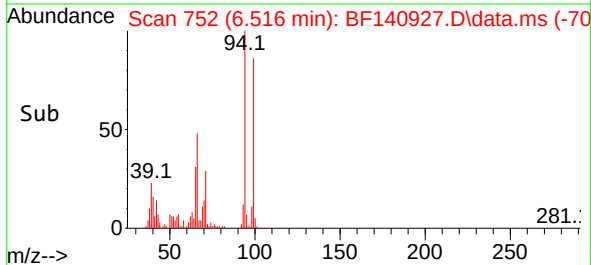
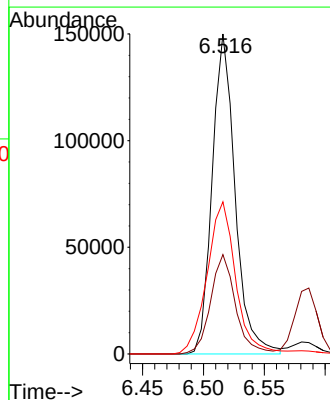
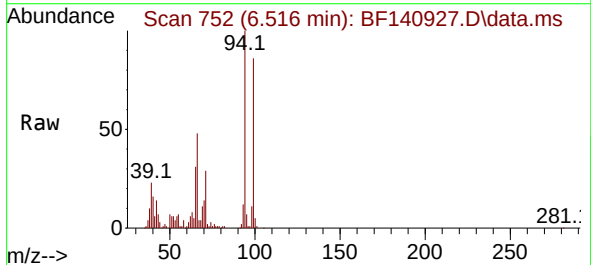
Tgt Ion: 94 Resp: 196380

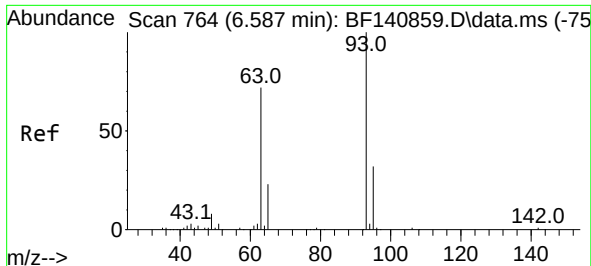
Ion Ratio Lower Upper

94 100

65 31.0 19.9 59.9

66 47.5 45.6 85.6

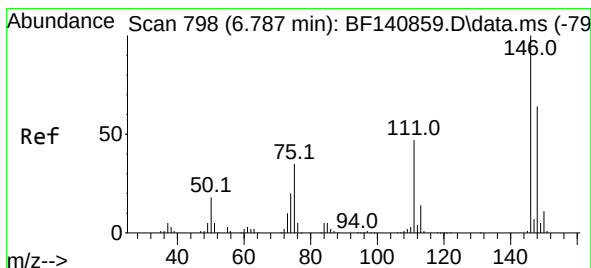
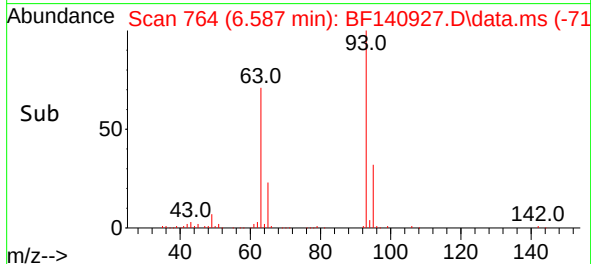
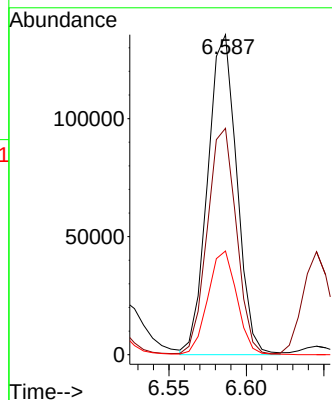
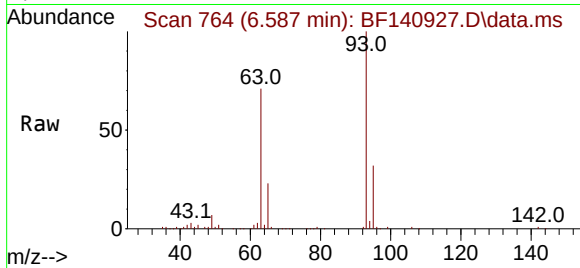




#11
bis(2-Chloroethyl)ether
Concen: 55.850 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

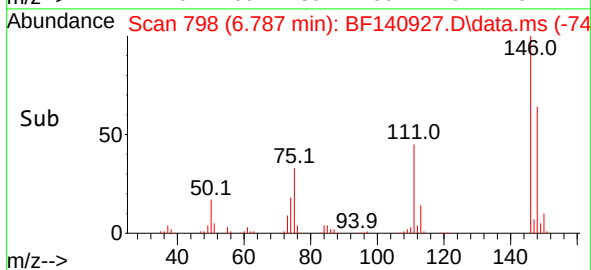
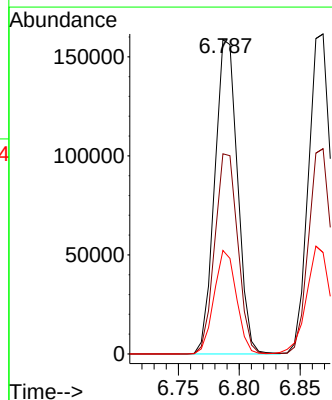
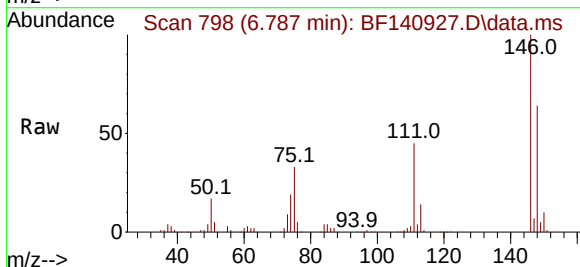
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

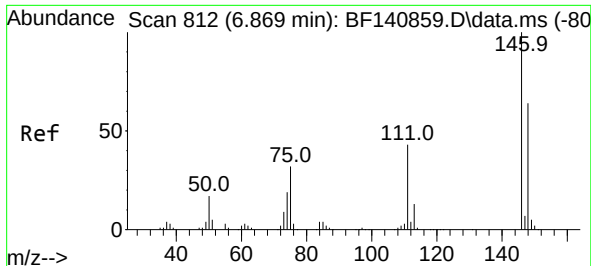
Tgt Ion: 93 Resp: 177728
Ion Ratio Lower Upper
93 100
63 70.7 51.0 91.0
95 32.4 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 53.680 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:146 Resp: 207339
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
75 32.9 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 53.688 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

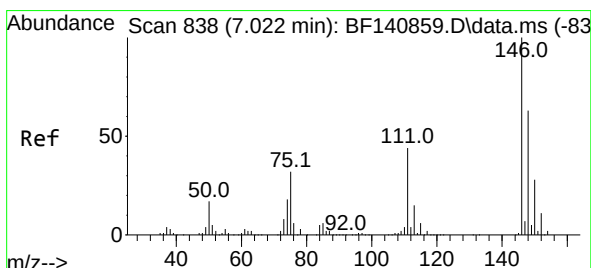
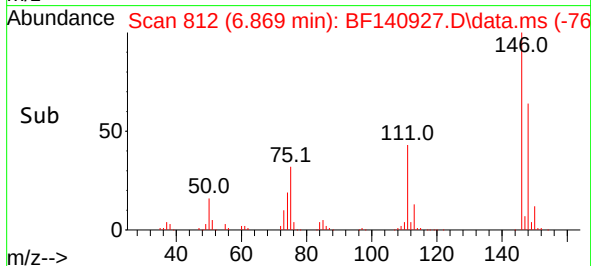
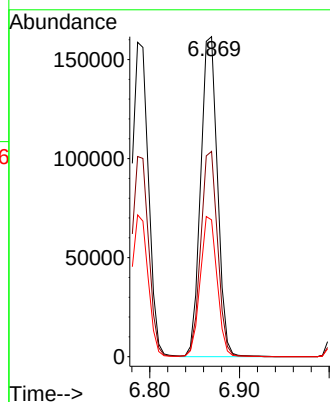
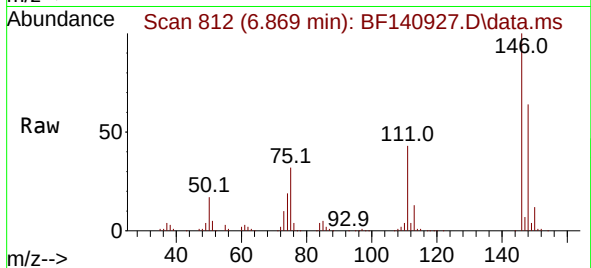
Tgt Ion:146 Resp: 210495

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 42.8 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 54.214 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

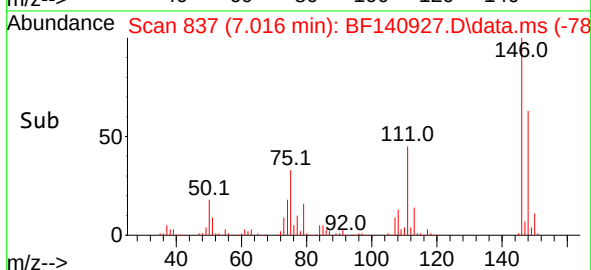
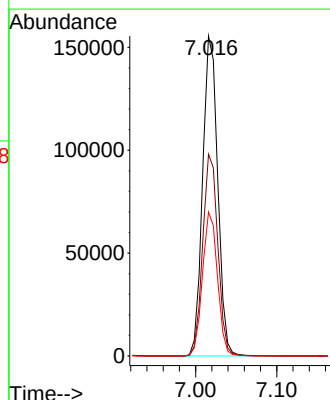
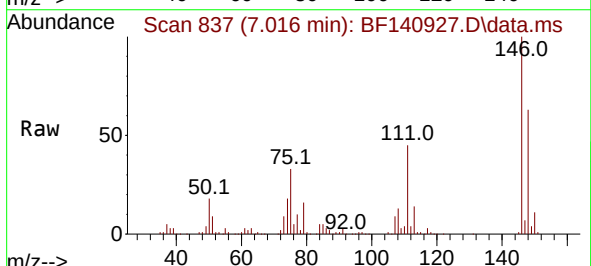
Tgt Ion:146 Resp: 200550

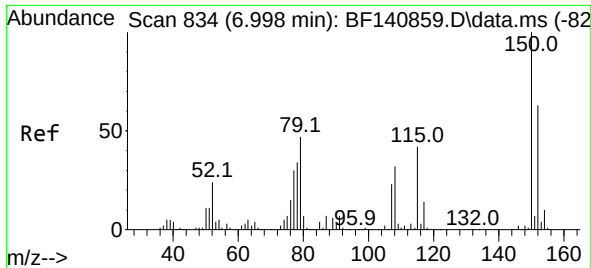
Ion Ratio Lower Upper

146 100

148 63.0 50.0 75.0

111 45.0 35.6 53.4

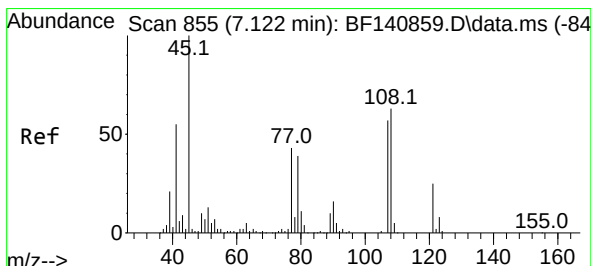
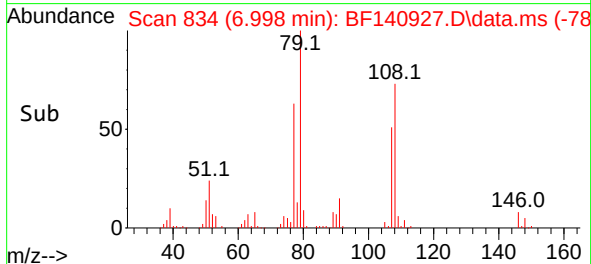
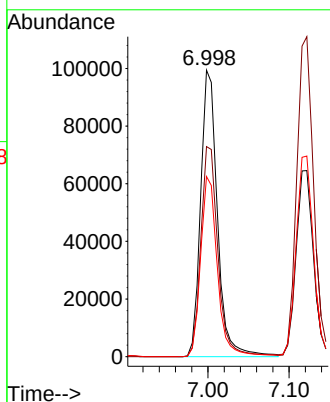
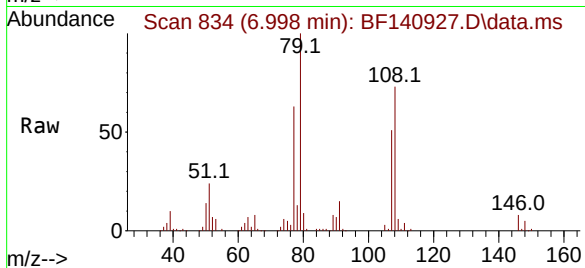




#15
Benzyl Alcohol
Concen: 48.646 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

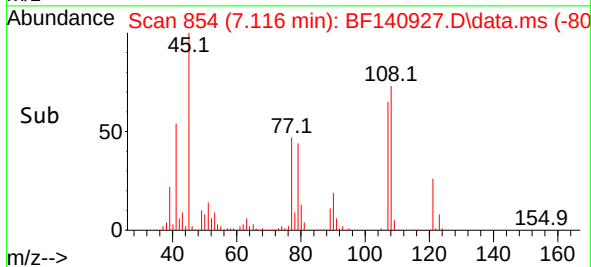
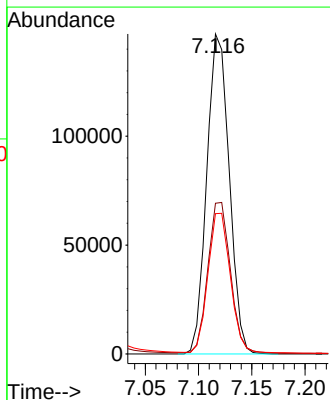
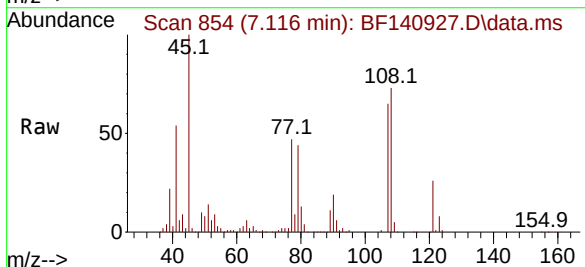
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

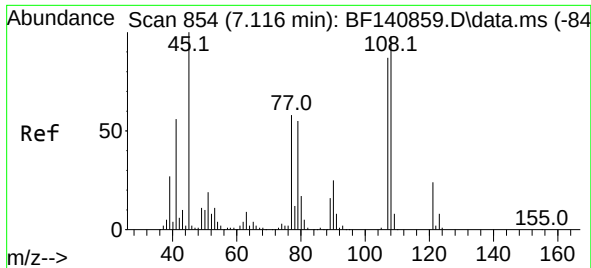
Tgt Ion: 79 Resp: 143200
Ion Ratio Lower Upper
79 100
108 73.3 55.1 82.7
77 62.9 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 57.423 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 45 Resp: 215263
Ion Ratio Lower Upper
45 100
77 47.1 23.3 63.3
79 43.9 20.0 60.0

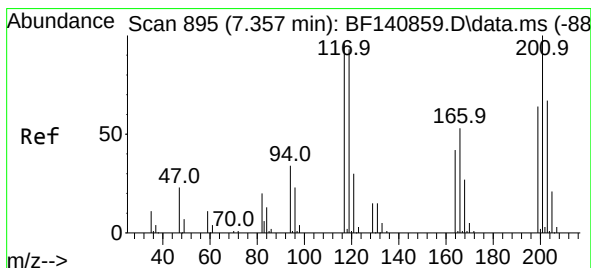
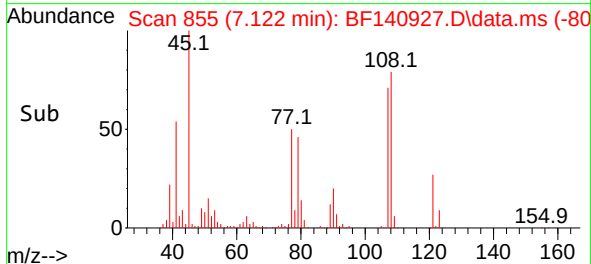
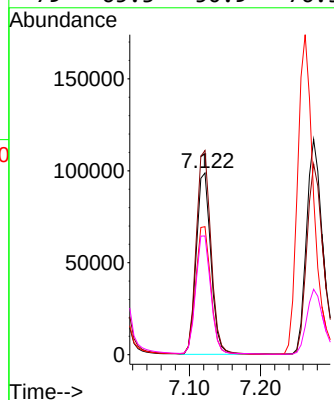
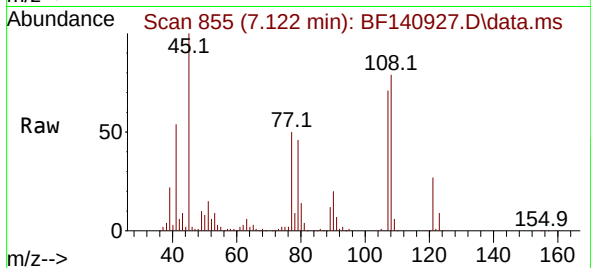




#17
2-Methylphenol
Concen: 52.552 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

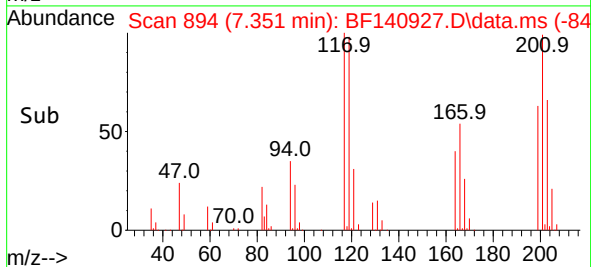
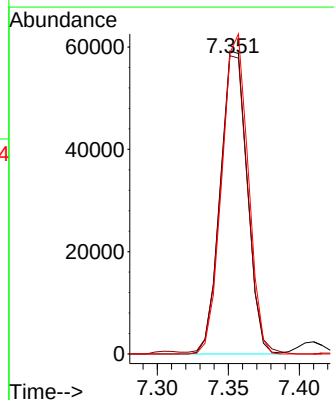
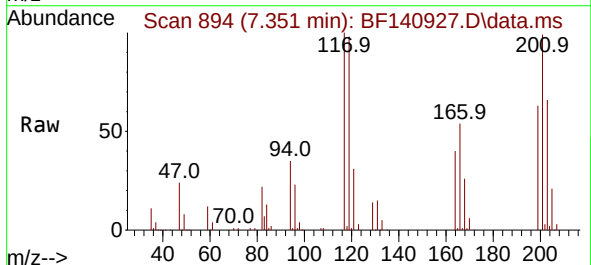
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

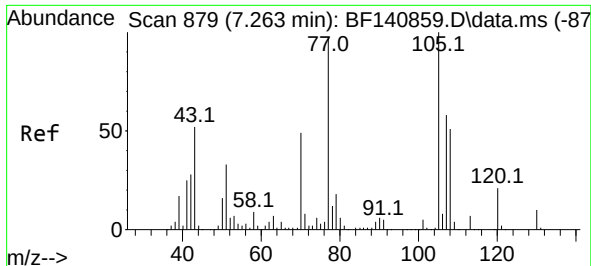
Tgt Ion:	107	Resp:	142220
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.4
77	70.4	53.8	80.6
79	65.3	50.9	76.3



#18
Hexachloroethane
Concen: 53.526 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:	117	Resp:	78126
Ion	Ratio	Lower	Upper
117	100		
119	98.4	77.4	116.0
201	99.4	83.4	125.0



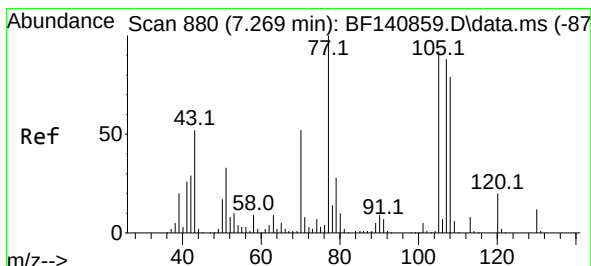
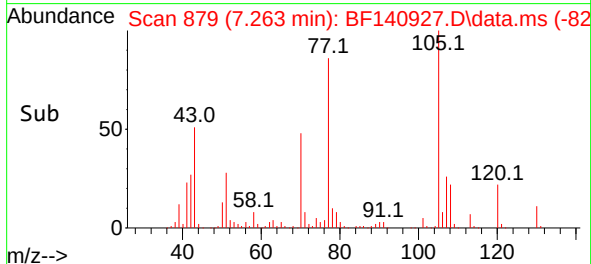
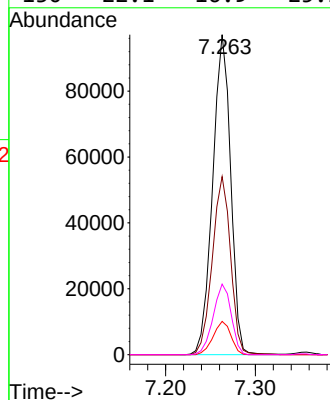
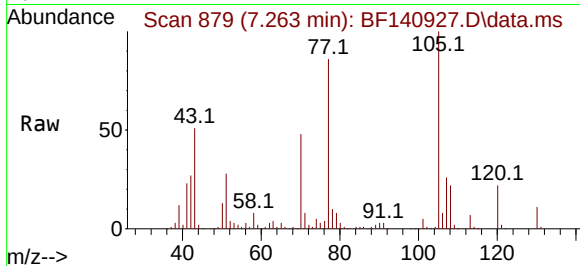


#19
n-Nitroso-di-n-propylamine
Concen: 54.787 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

Tgt Ion: 70 Resp: 135304

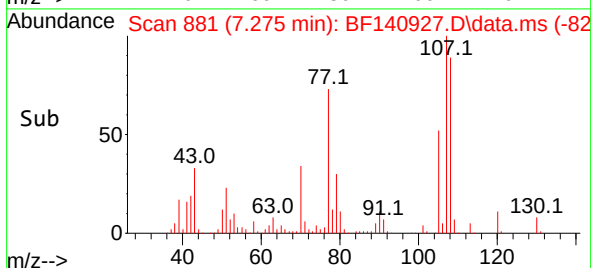
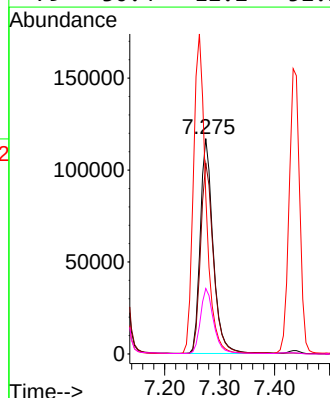
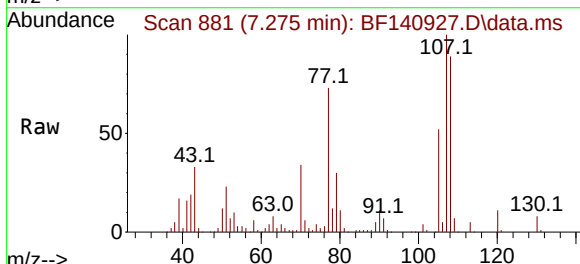
Ion	Ratio	Lower	Upper
70	100		
42	55.6	45.3	67.9
101	10.4	8.0	12.0
130	22.1	16.9	25.3

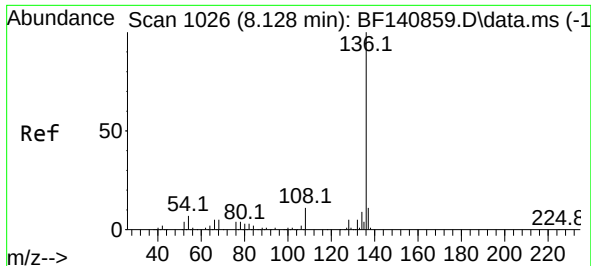


#20
3+4-Methylphenols
Concen: 53.055 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 107 Resp: 190394

Ion	Ratio	Lower	Upper
107	100		
108	88.5	70.1	110.1
77	73.2	94.4	134.4#
79	30.4	12.2	52.2

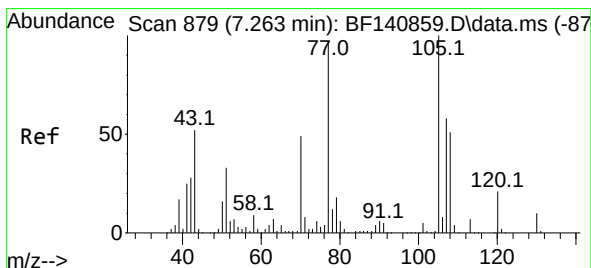
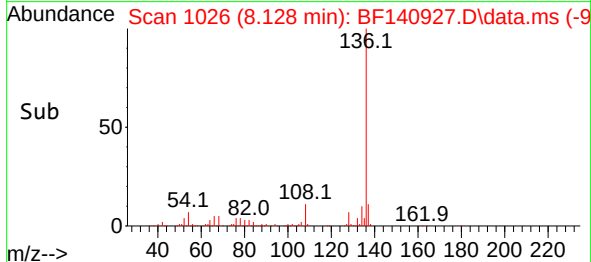
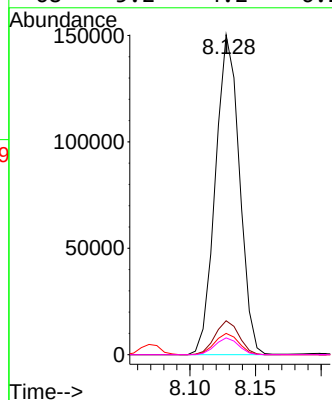
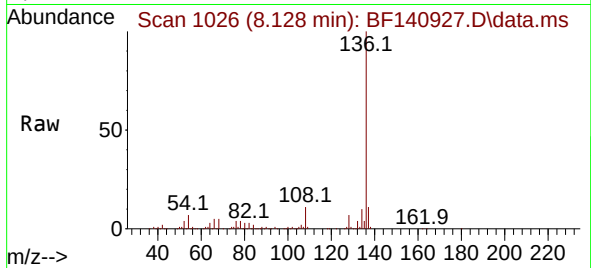




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

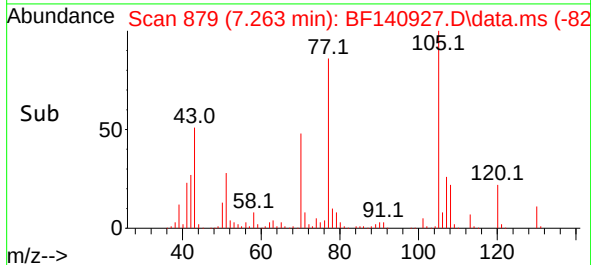
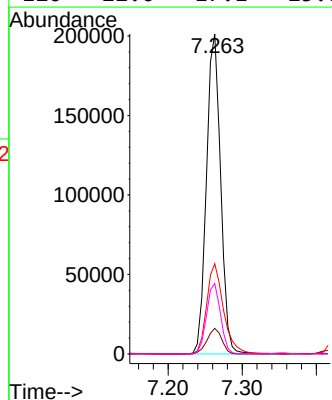
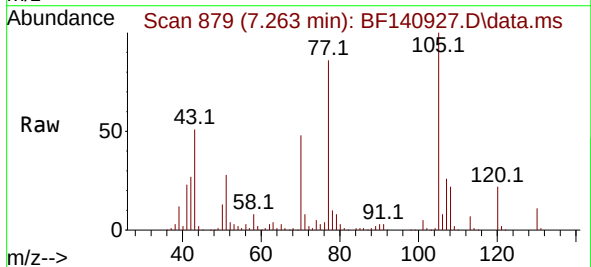
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

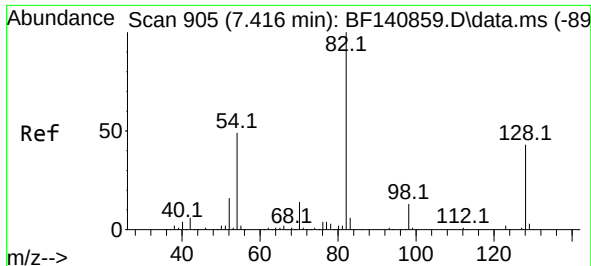
Tgt Ion:	136	Resp:	191371
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.7	5.6	8.4
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 56.067 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:	105	Resp:	268404
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.4
51	28.2	26.3	39.5
120	22.0	17.1	25.7

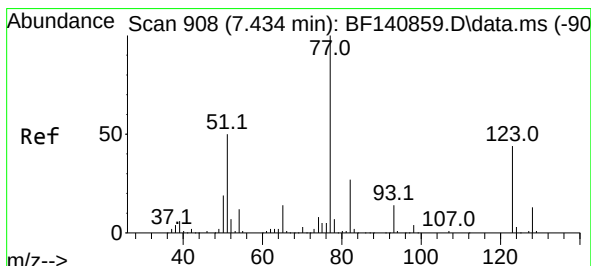
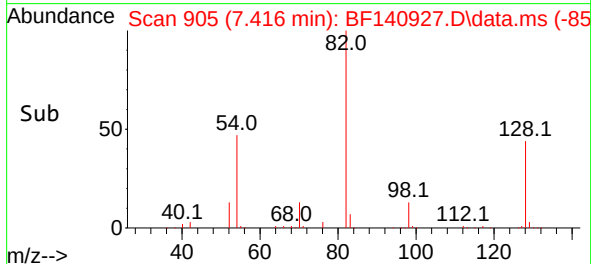
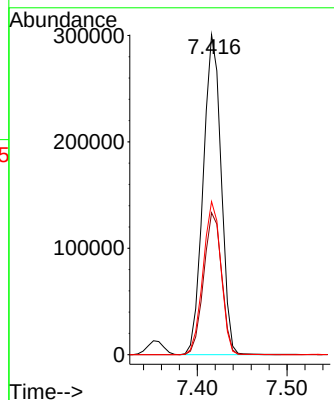
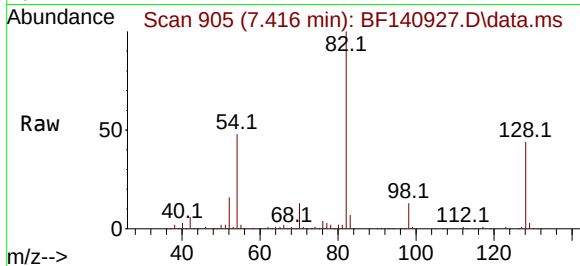




#23
Nitrobenzene-d5
Concen: 109.239 ng
RT: 7.416 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

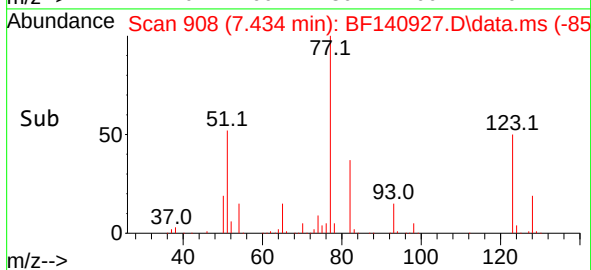
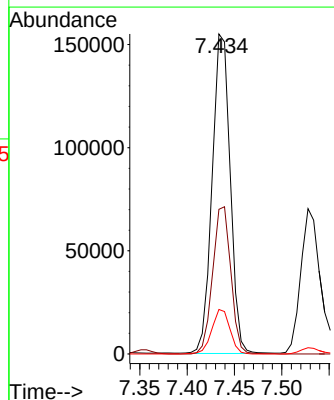
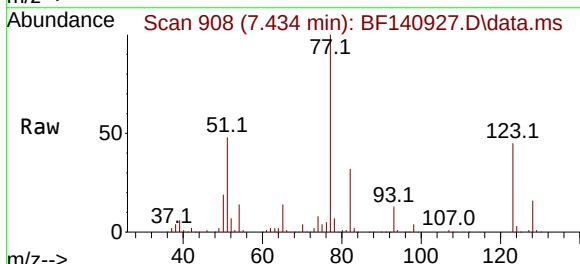
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

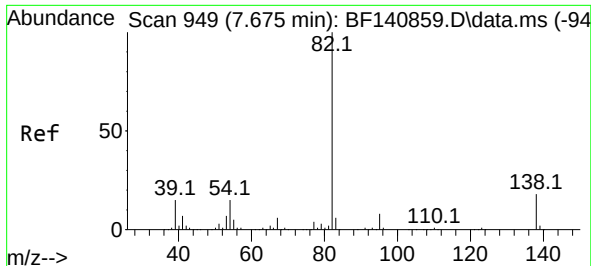
Tgt Ion: 82 Resp: 417843
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 47.9 38.8 58.2



#24
Nitrobenzene
Concen: 52.414 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 77 Resp: 205391
Ion Ratio Lower Upper
77 100
123 45.2 35.0 52.4
65 13.9 11.4 17.0

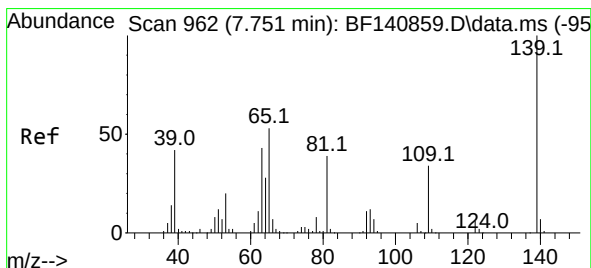
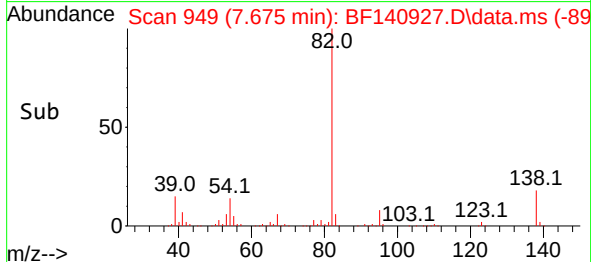
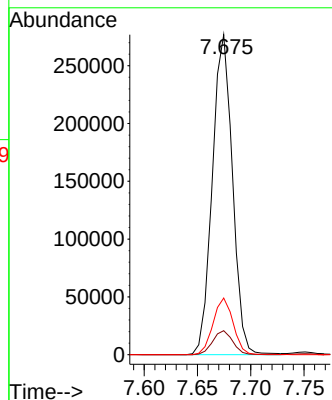
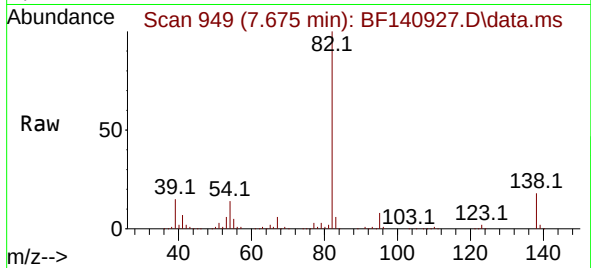




#25
Isophorone
Concen: 56.806 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

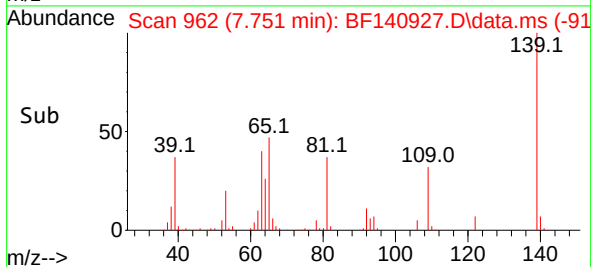
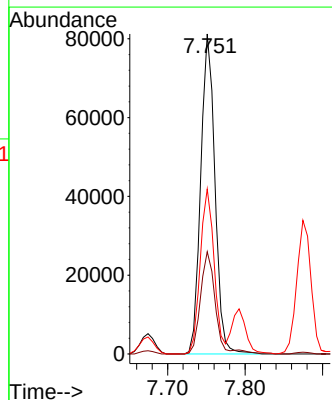
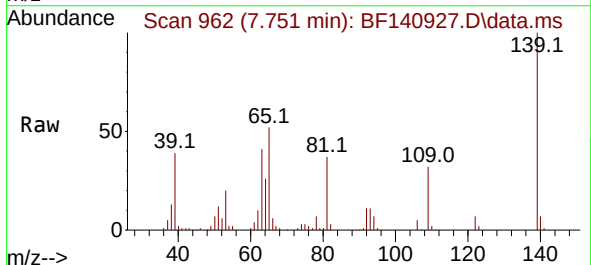
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

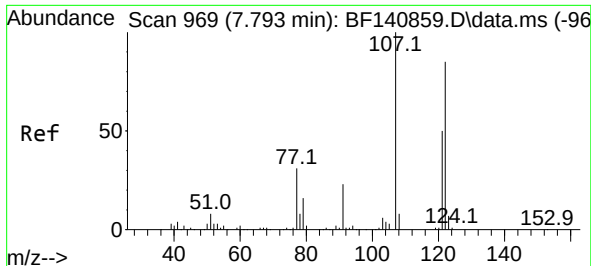
Tgt Ion: 82 Resp: 364074
Ion Ratio Lower Upper
82 100
95 7.5 6.3 9.5
138 17.7 14.1 21.1



#26
2-Nitrophenol
Concen: 57.474 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:139 Resp: 103729
Ion Ratio Lower Upper
139 100
109 31.9 26.9 40.3
65 51.5 42.6 64.0

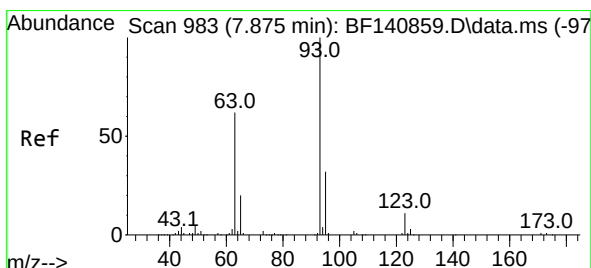
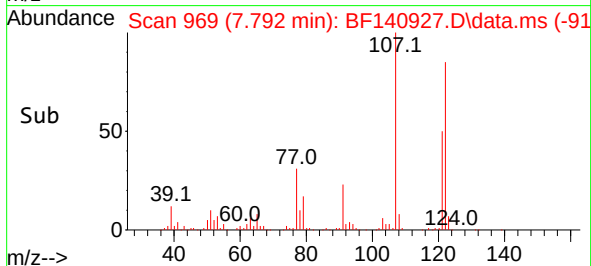
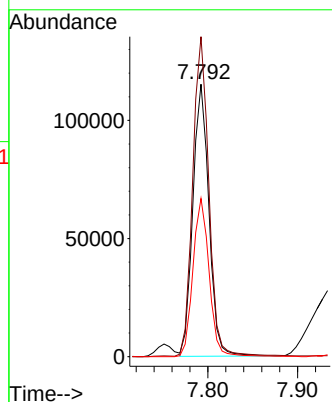
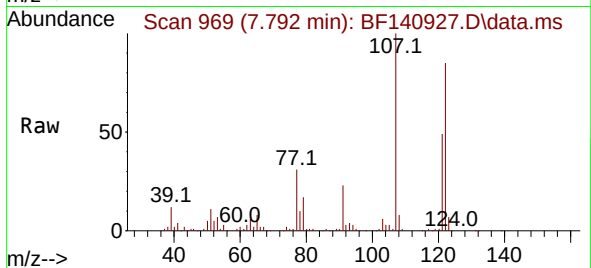




#27
2,4-Dimethylphenol
Concen: 67.770 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

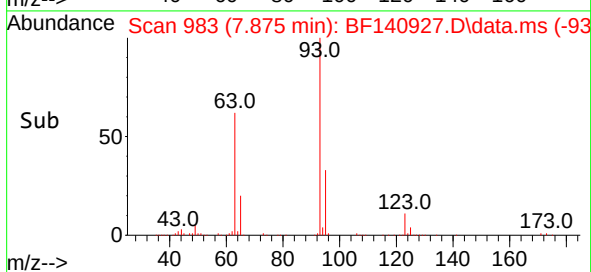
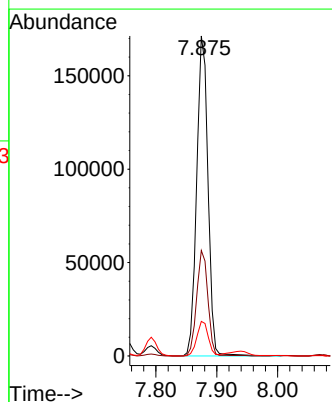
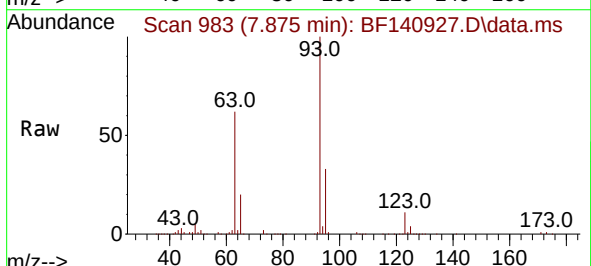
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

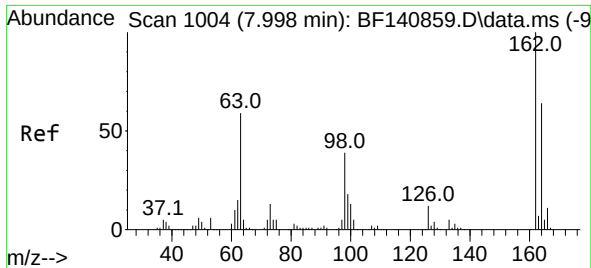
Tgt Ion:122 Resp: 142840
Ion Ratio Lower Upper
122 100
107 117.5 92.6 139.0
121 58.1 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 55.126 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 93 Resp: 220667
Ion Ratio Lower Upper
93 100
95 33.0 25.3 37.9
123 10.8 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 55.701 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

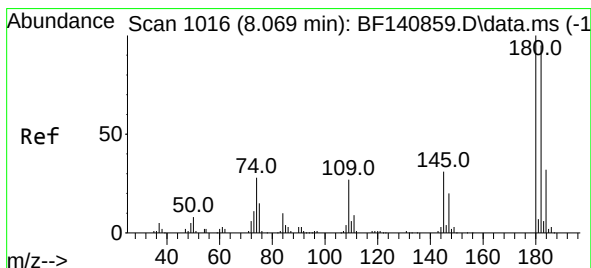
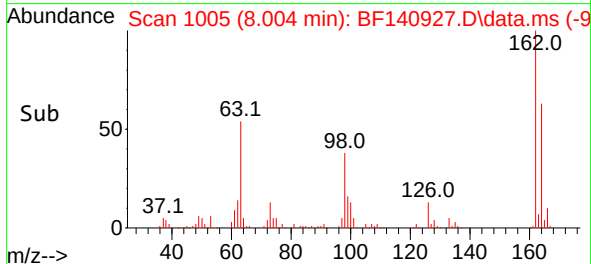
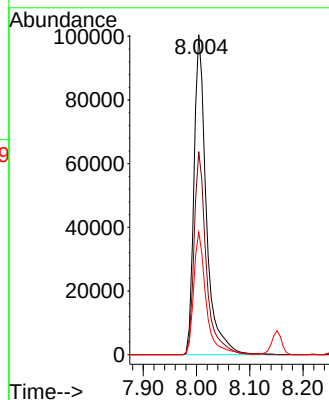
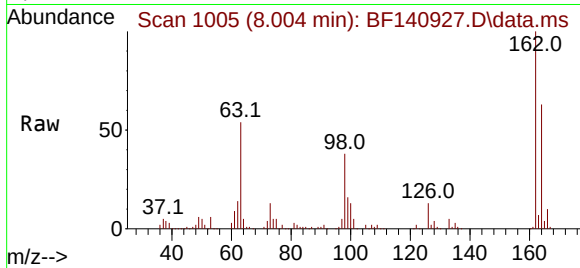
Tgt Ion:162 Resp: 162086

Ion Ratio Lower Upper

162 100

164 63.5 43.7 83.7

98 38.3 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 52.864 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

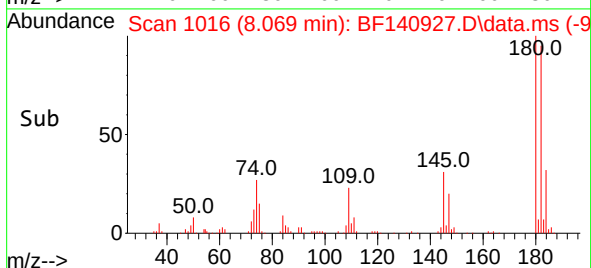
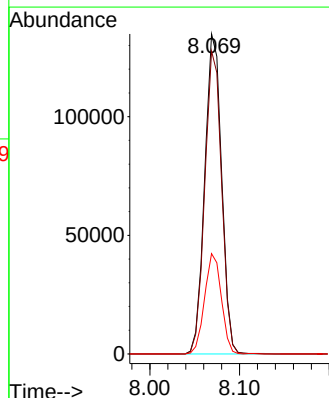
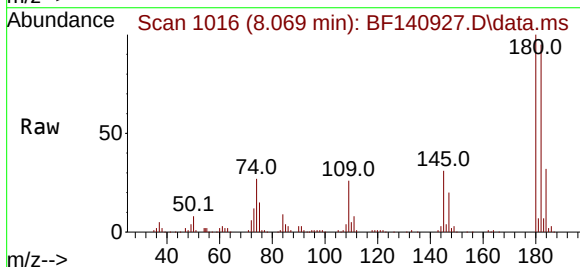
Tgt Ion:180 Resp: 176343

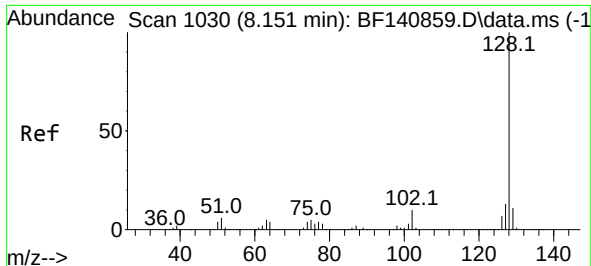
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.6

145 31.4 25.2 37.8

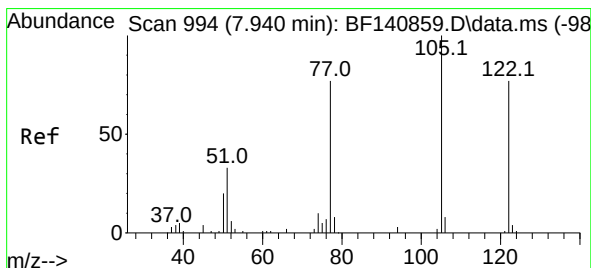
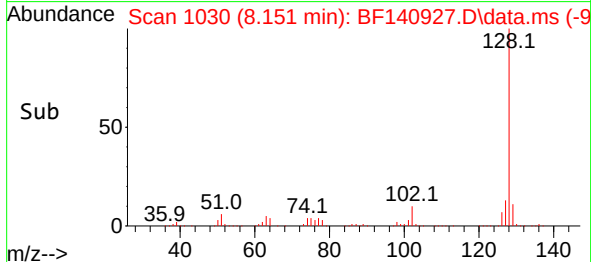
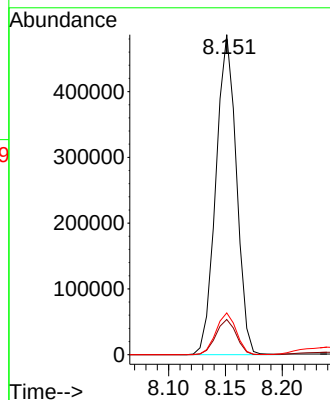
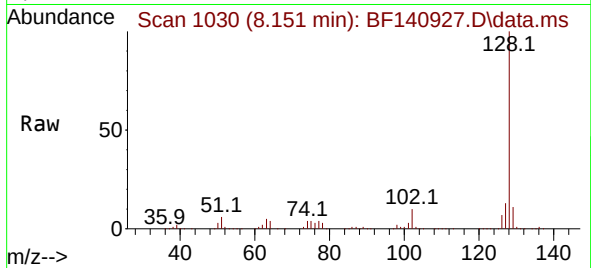




#31
Naphthalene
Concen: 58.112 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

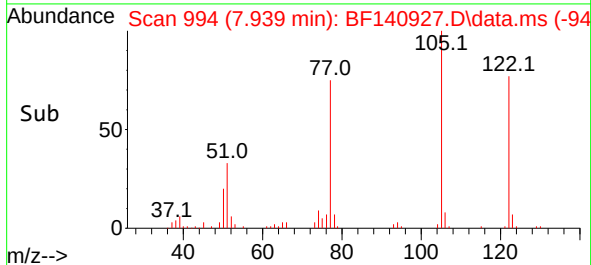
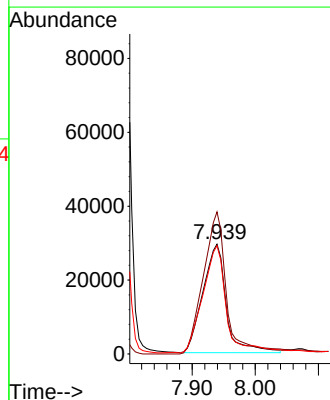
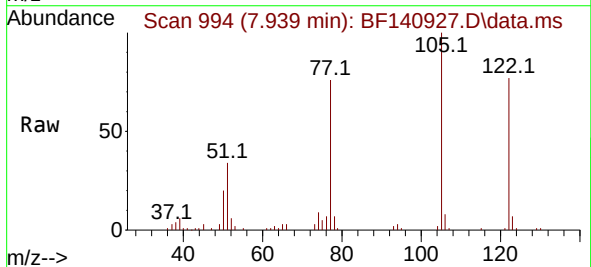
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

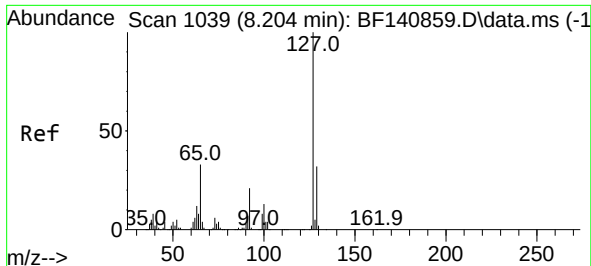
Tgt Ion:128 Resp: 610888
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 10.6 16.0



#32
Benzoic acid
Concen: 37.895 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:122 Resp: 75751
Ion Ratio Lower Upper
122 100
105 129.5 108.3 148.3
77 98.8 78.8 118.8

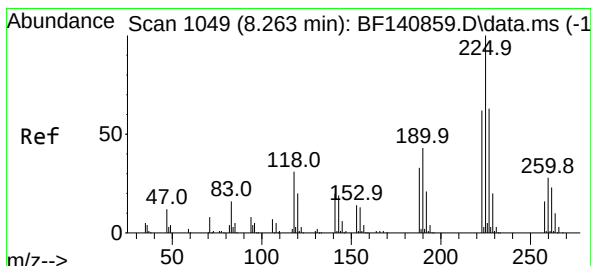
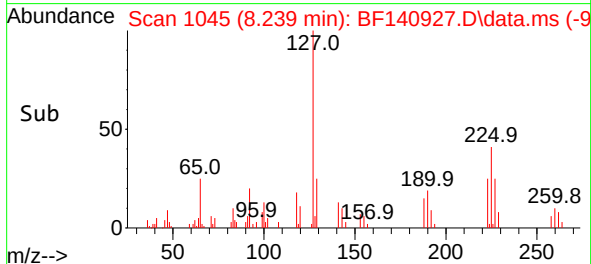
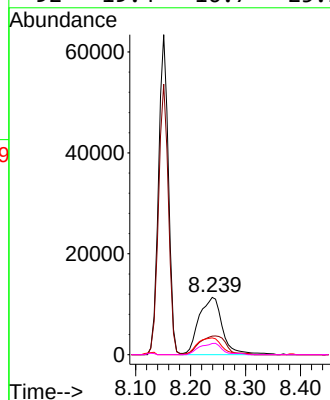
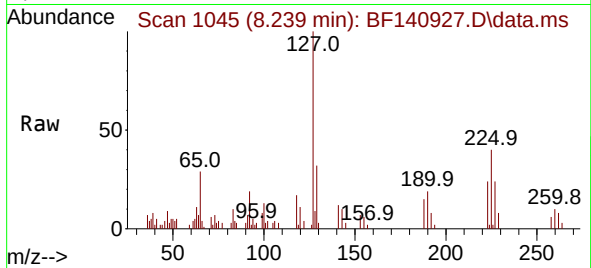




#33
4-Chloroaniline
Concen: 9.714 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.035 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

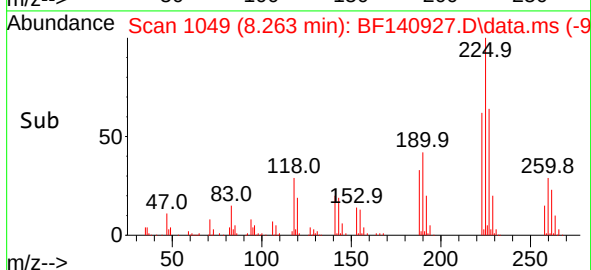
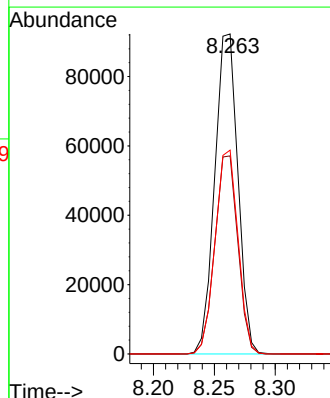
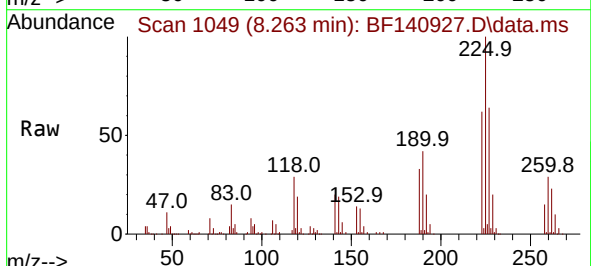
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BNA_F
ClientSampleId :
WC-20241213MSD

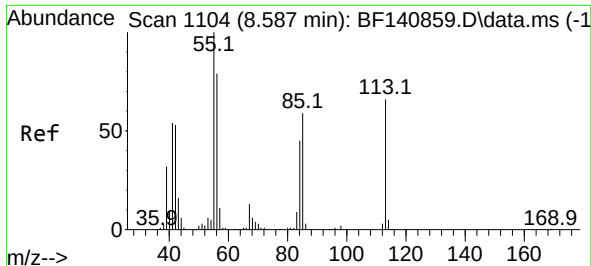
Tgt Ion:	127	Resp:	33916
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.0	39.0
65	29.3	26.0	39.0
92	19.4	16.7	25.1



#34
Hexachlorobutadiene
Concen: 54.403 ng
RT: 8.263 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:	225	Resp:	122099
Ion Ratio	Lower	Upper	
225	100		
223	61.9	49.6	74.4
227	63.7	50.7	76.1

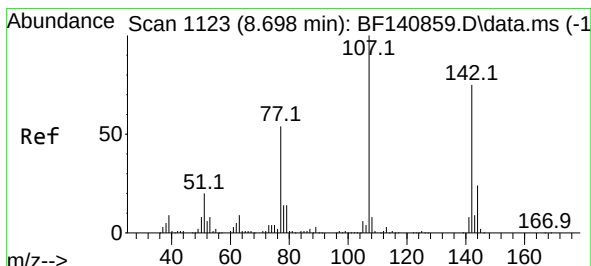
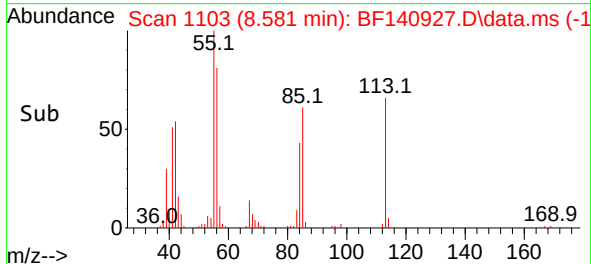
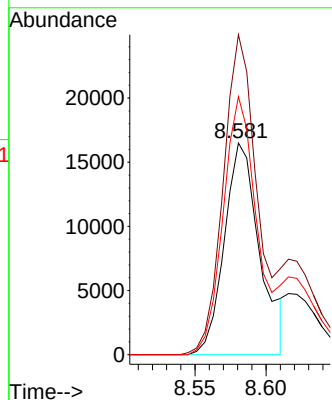
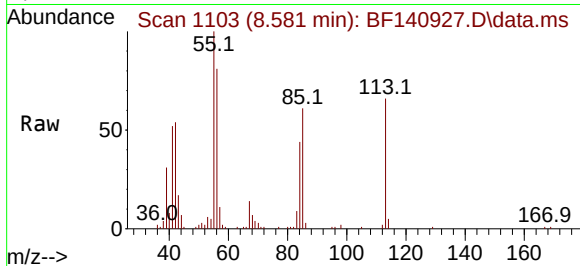




#35
 Caprolactam
 Concen: 32.836 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

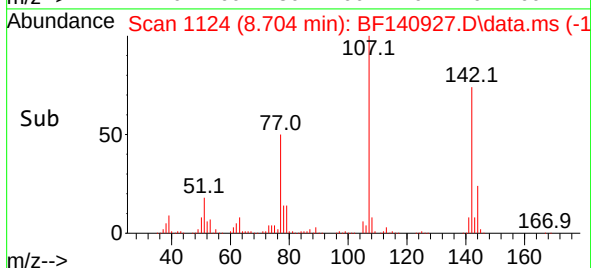
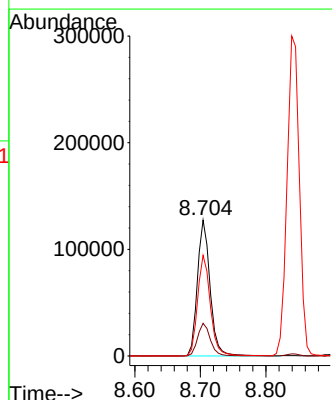
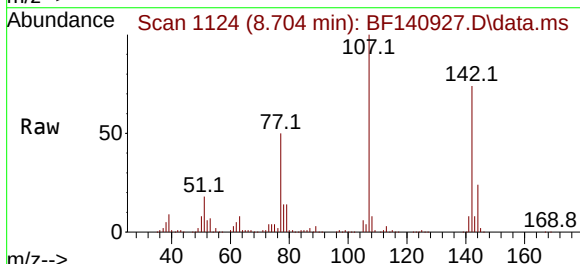
Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

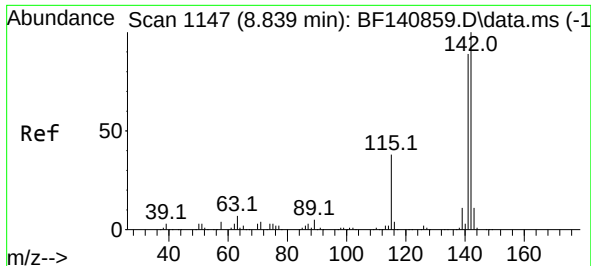
Tgt Ion:113 Resp: 28446
 Ion Ratio Lower Upper
 113 100
 55 151.1 132.3 172.3
 56 121.9 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 52.641 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

Tgt Ion:107 Resp: 172407
 Ion Ratio Lower Upper
 107 100
 144 24.1 19.4 29.2
 142 74.1 60.3 90.5

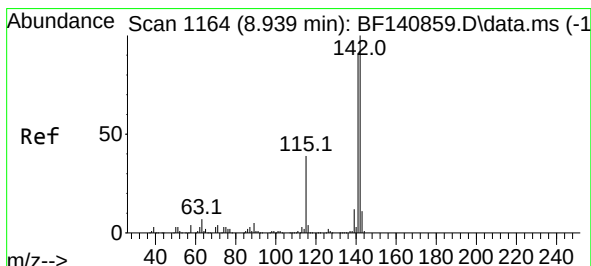
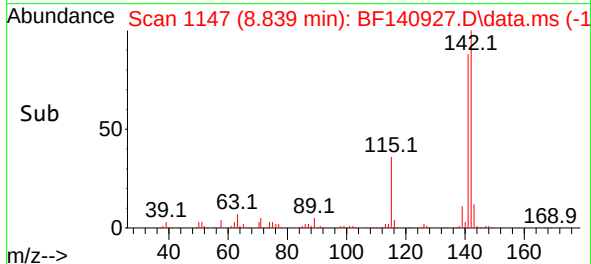
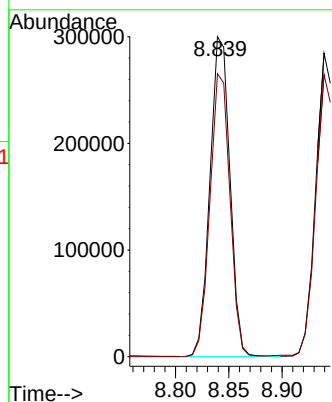
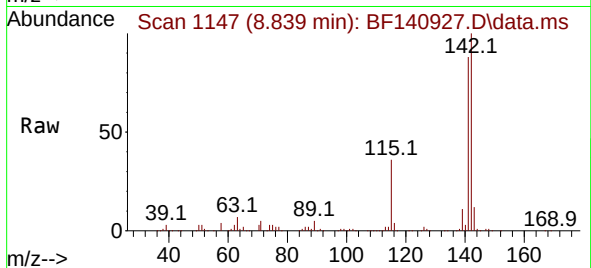




#37
2-Methylnaphthalene
Concen: 56.160 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

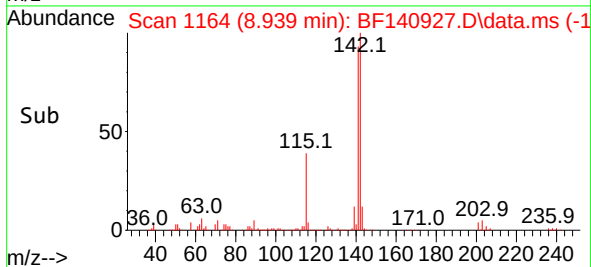
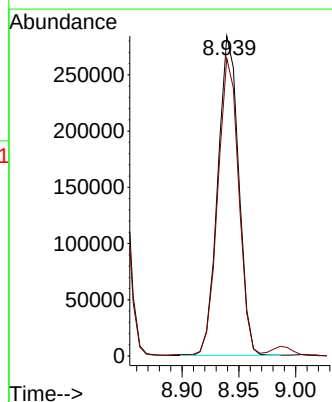
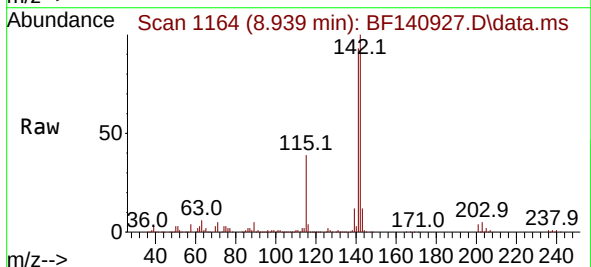
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

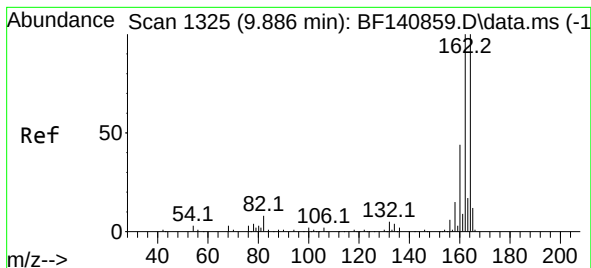
Tgt Ion:142 Resp: 390527
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6



#38
1-Methylnaphthalene
Concen: 52.914 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:142 Resp: 363904
Ion Ratio Lower Upper
142 100
141 93.0 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11325

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

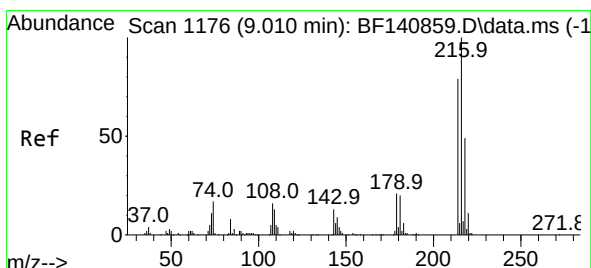
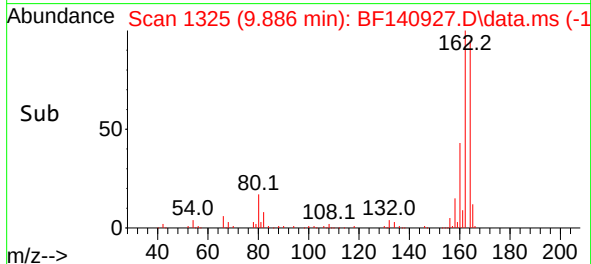
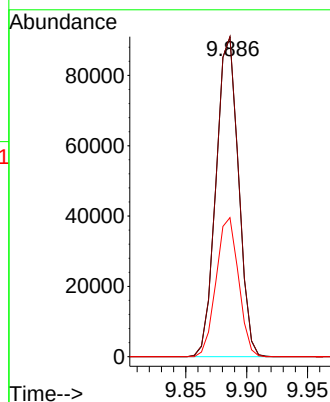
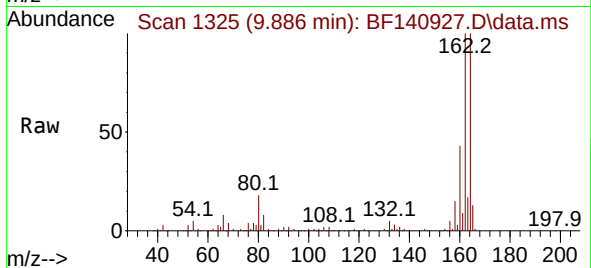
Tgt Ion:164 Resp: 116350

Ion Ratio Lower Upper

164 100

162 100.2 79.9 119.9

160 43.5 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.324 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Tgt Ion:216 Resp: 190695

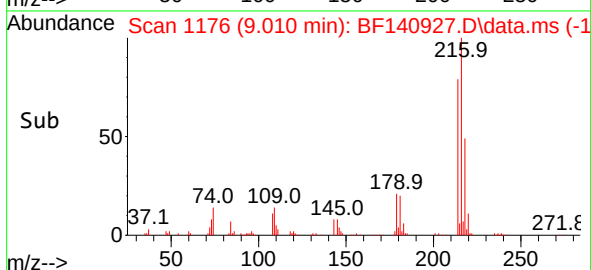
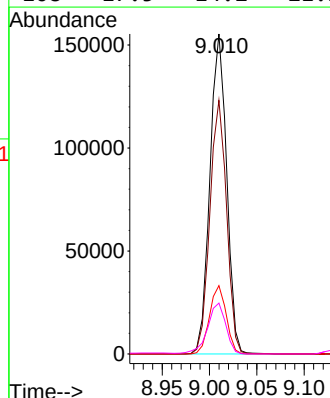
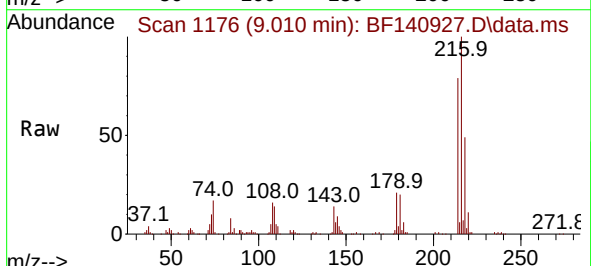
Ion Ratio Lower Upper

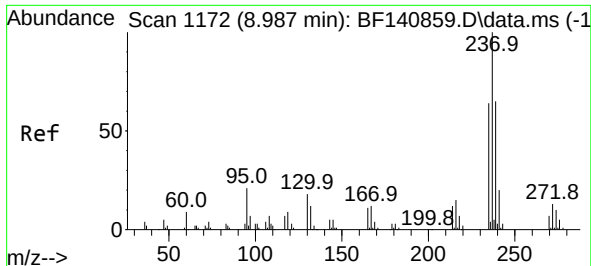
216 100

214 79.2 63.6 95.4

179 21.2 17.0 25.4

108 17.5 14.2 21.2

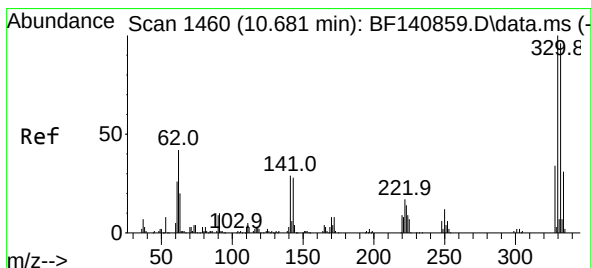
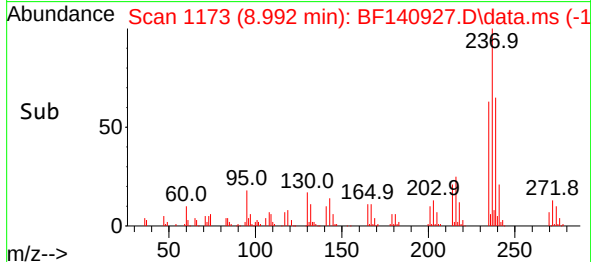
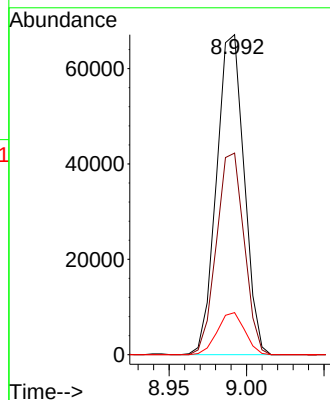
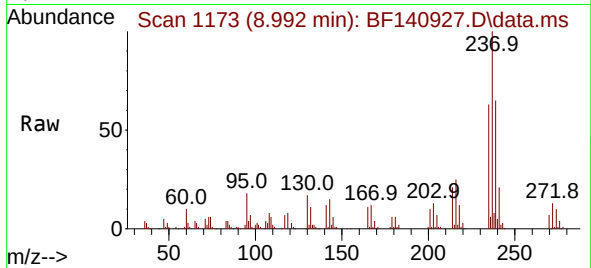




#41
Hexachlorocyclopentadiene
Concen: 70.496 ng
RT: 8.992 min Scan# 1172
Delta R.T. 0.005 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

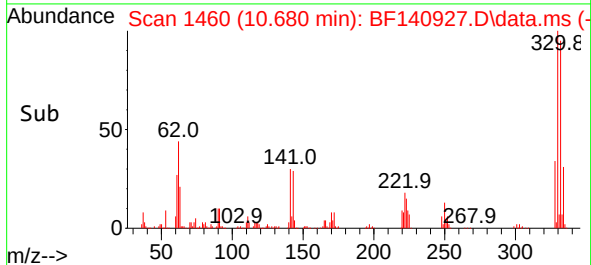
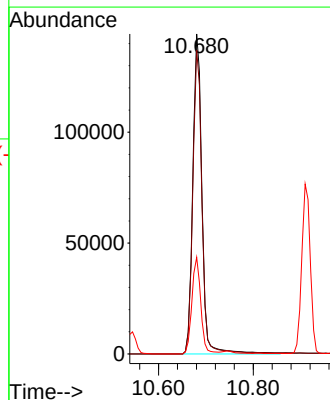
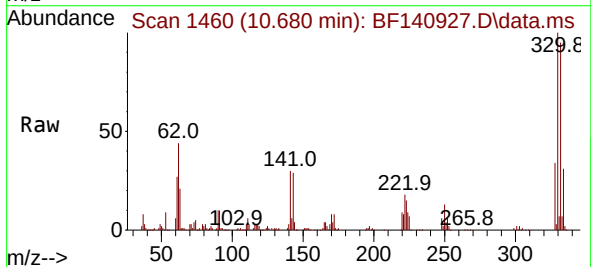
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

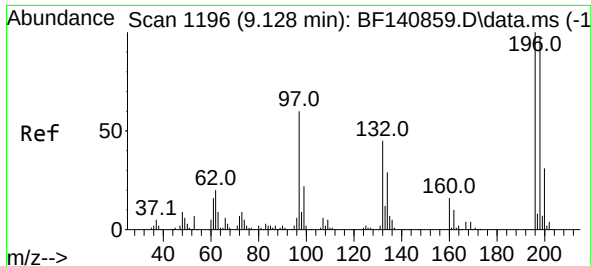
Tgt Ion:237 Resp: 83124
Ion Ratio Lower Upper
237 100
235 63.0 43.7 83.7
272 13.1 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 141.946 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:330 Resp: 195330
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 29.2 24.9 37.3

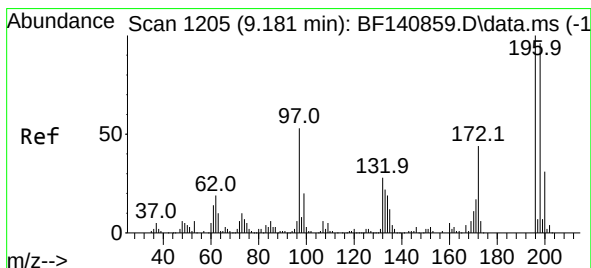
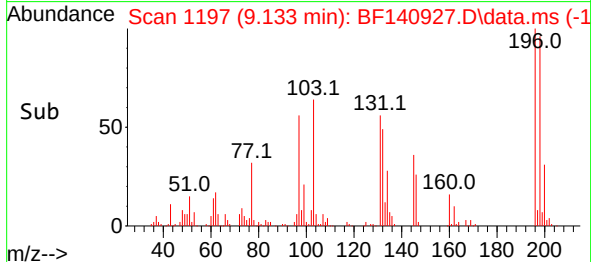
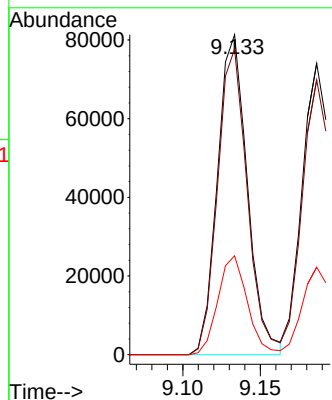
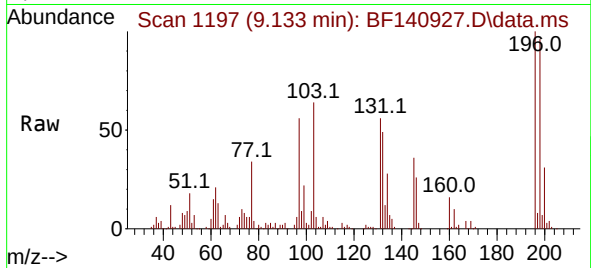




#43
 2,4,6-Trichlorophenol
 Concen: 49.902 ng
 RT: 9.133 min Scan# 1196
 Delta R.T. 0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

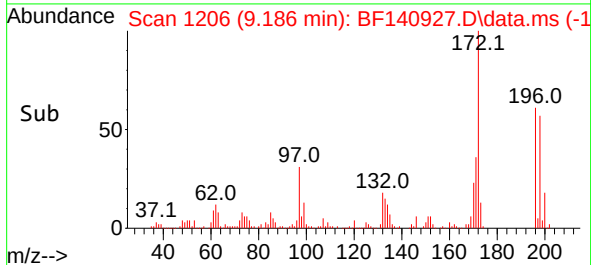
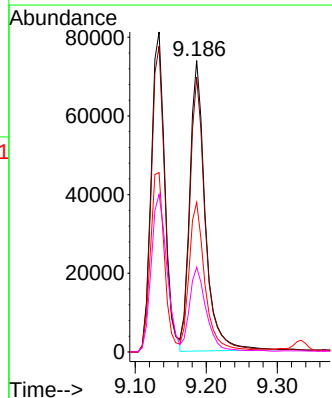
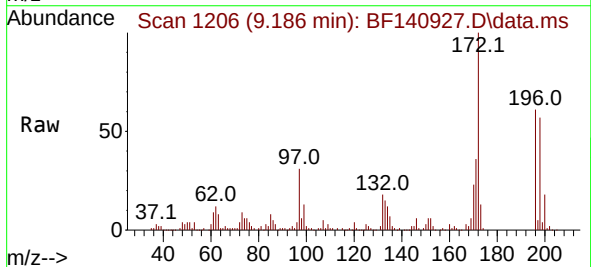
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 WC-20241213MSD

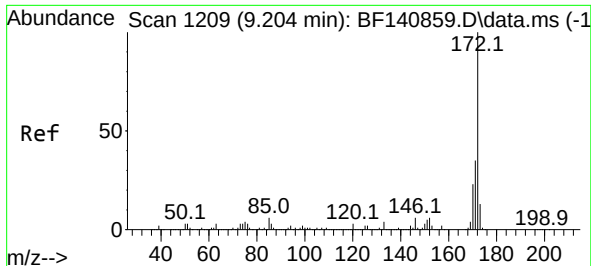
Tgt Ion:196 Resp: 109275
 Ion Ratio Lower Upper
 196 100
 198 95.5 77.4 116.0
 200 30.9 24.5 36.7



#44
 2,4,5-Trichlorophenol
 Concen: 46.518 ng
 RT: 9.186 min Scan# 1206
 Delta R.T. 0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

Tgt Ion:196 Resp: 111961
 Ion Ratio Lower Upper
 196 100
 198 94.4 77.2 115.8
 97 51.4 42.2 63.4
 132 29.0 23.1 34.7

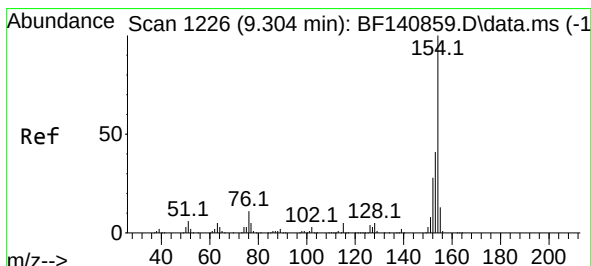
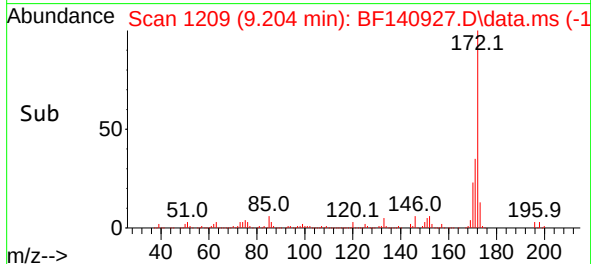
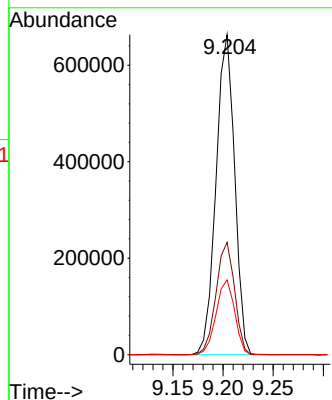
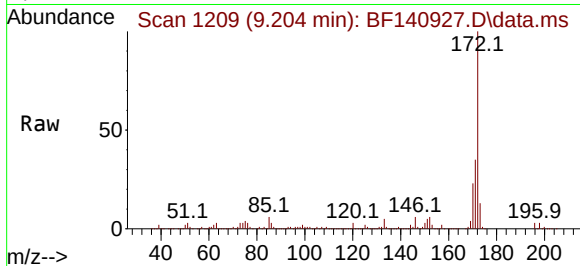




#45
2-Fluorobiphenyl
Concen: 100.935 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

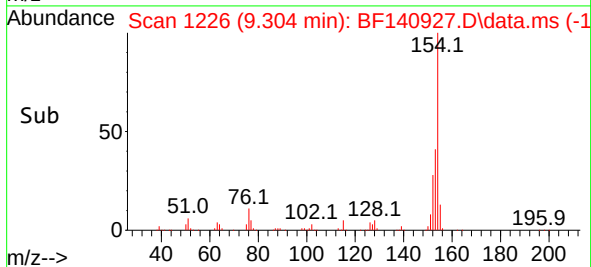
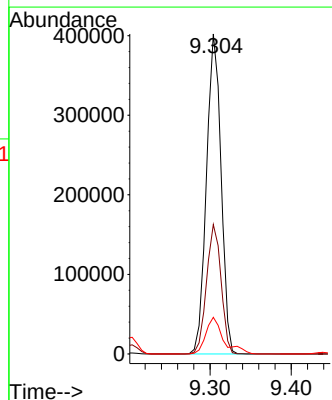
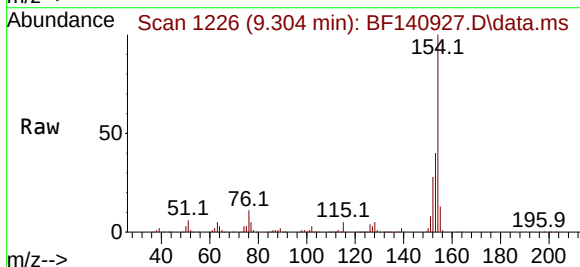
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

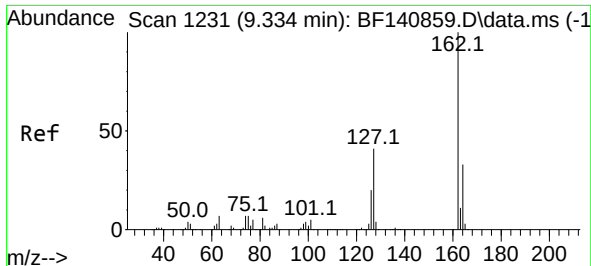
Tgt Ion:172 Resp: 854191
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 54.052 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:154 Resp: 500084
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 11.4 0.0 31.0

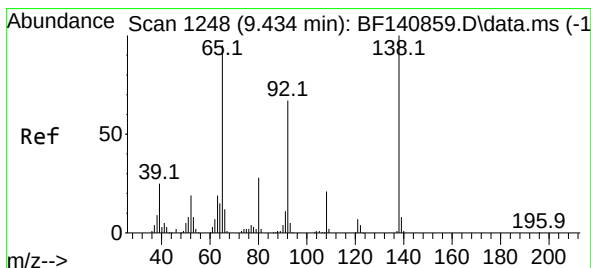
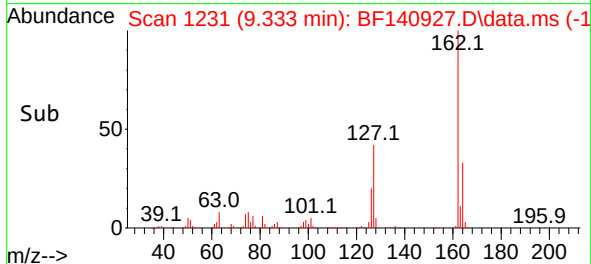
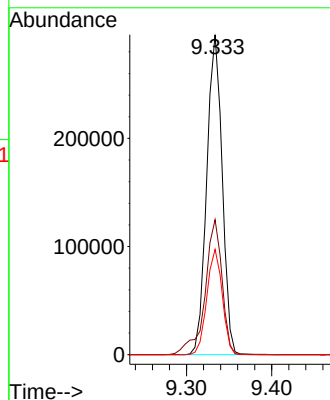
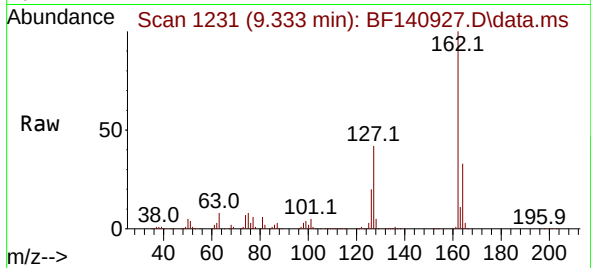




#47
2-Chloronaphthalene
Concen: 52.613 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

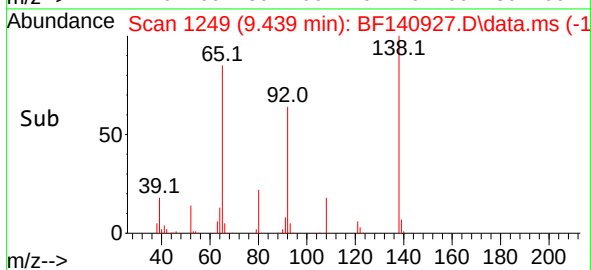
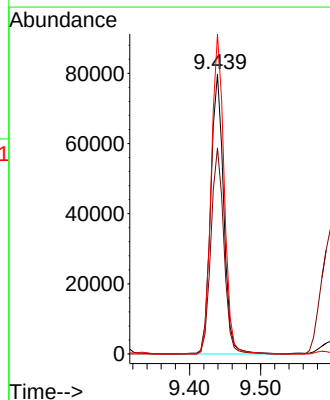
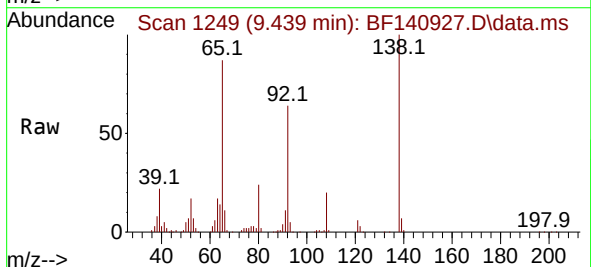
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

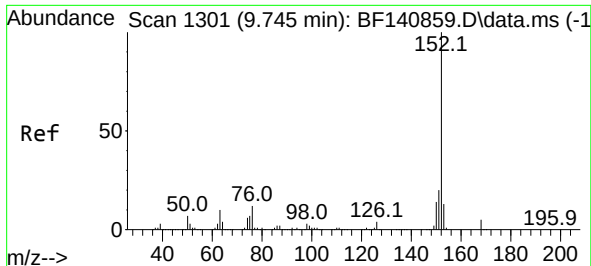
Tgt Ion:162 Resp: 372389
Ion Ratio Lower Upper
162 100
127 42.2 33.5 50.3
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 47.500 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion: 65 Resp: 101537
Ion Ratio Lower Upper
65 100
92 73.7 56.3 84.5
138 114.4 83.8 125.6

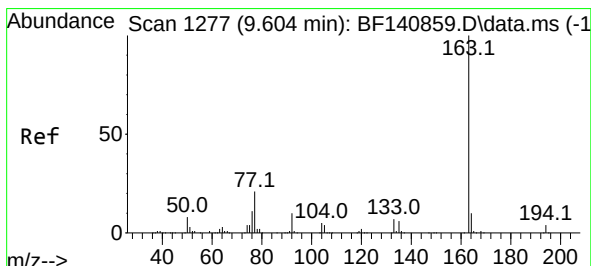
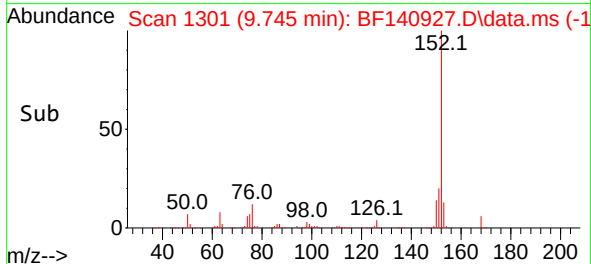
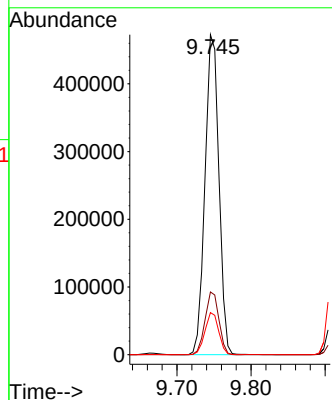
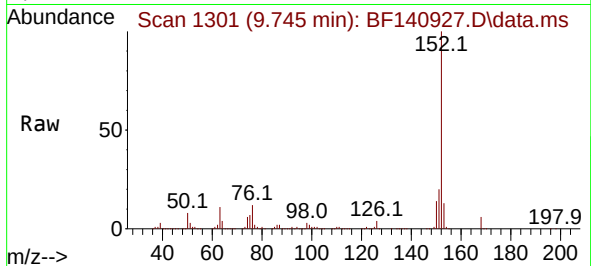




#49
Acenaphthylene
Concen: 59.277 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

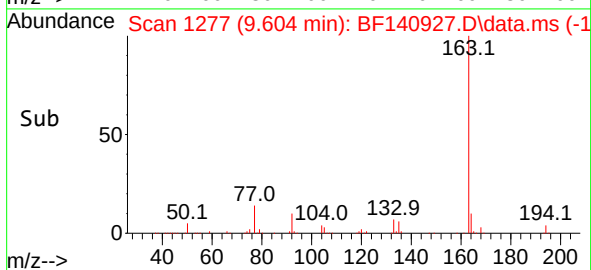
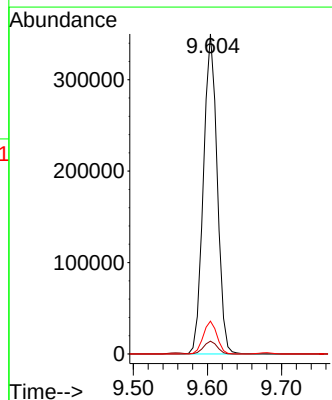
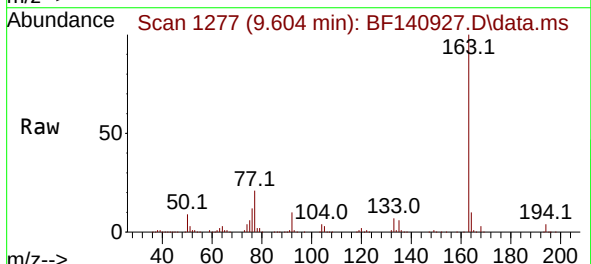
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

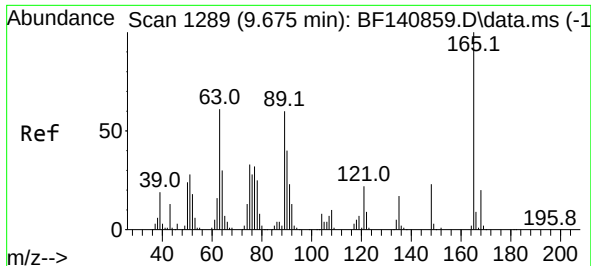
Tgt Ion:152 Resp: 616563
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 55.096 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:163 Resp: 451954
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.1 12.1

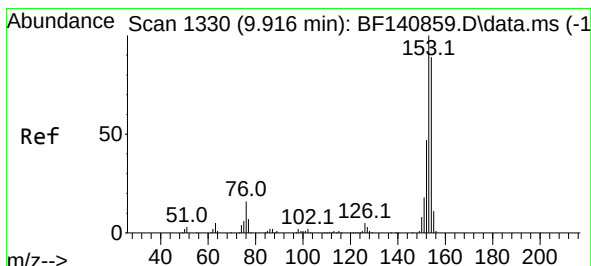
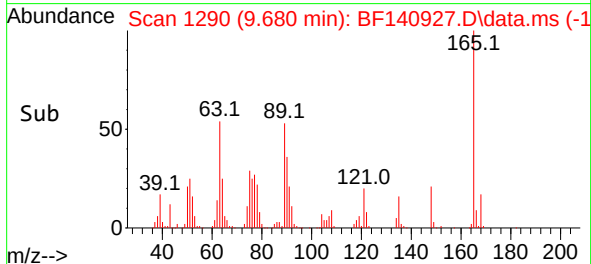
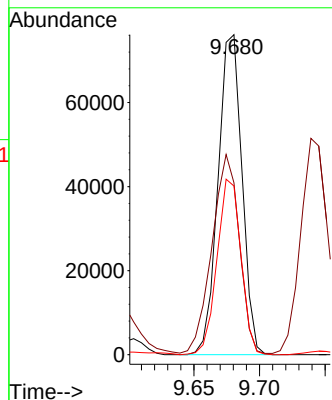
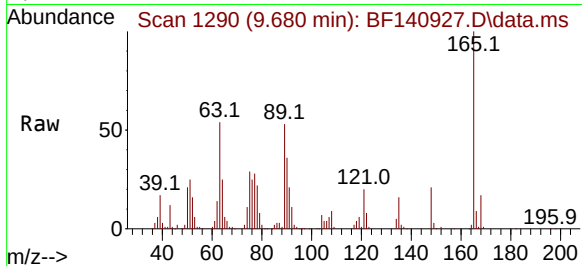




#51
2,6-Dinitrotoluene
Concen: 51.501 ng
RT: 9.680 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

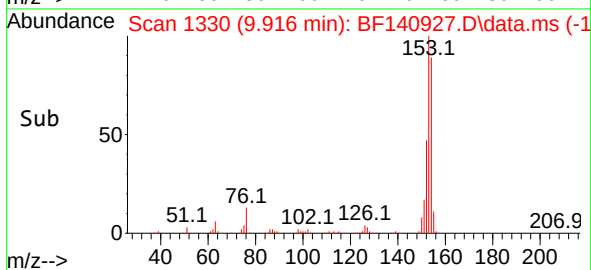
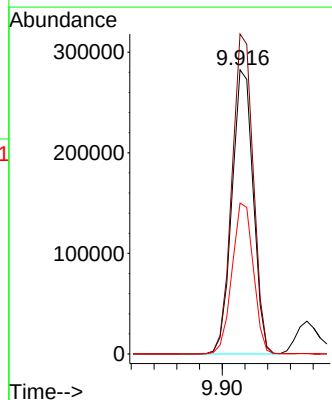
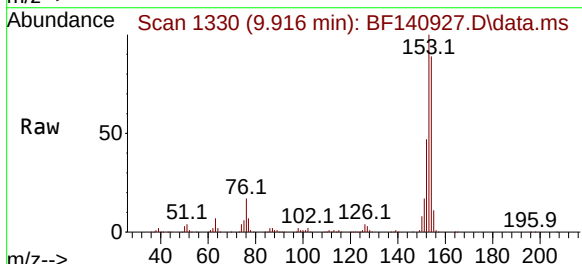
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

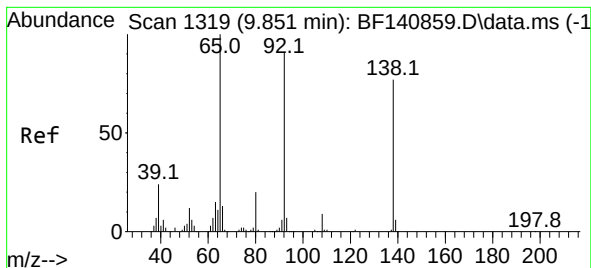
Tgt Ion:165 Resp: 96579
Ion Ratio Lower Upper
165 100
63 53.7 49.7 74.5
89 52.7 48.2 72.4



#52
Acenaphthene
Concen: 55.128 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:154 Resp: 366286
Ion Ratio Lower Upper
154 100
153 112.6 89.9 134.9
152 53.1 42.6 63.8





#53

3-Nitroaniline

Concen: 7.826 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

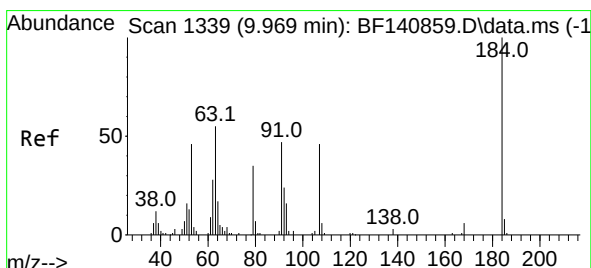
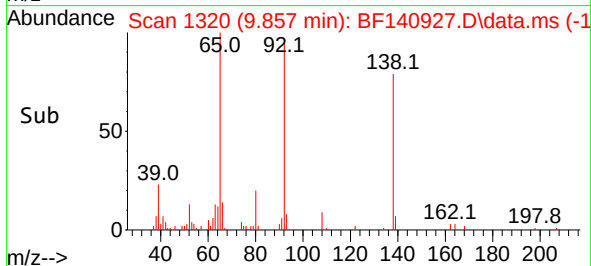
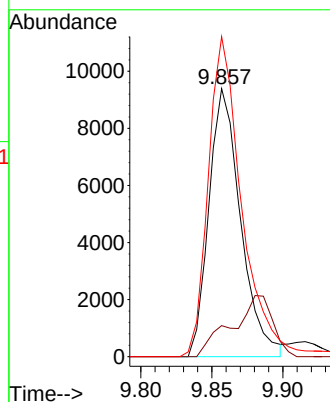
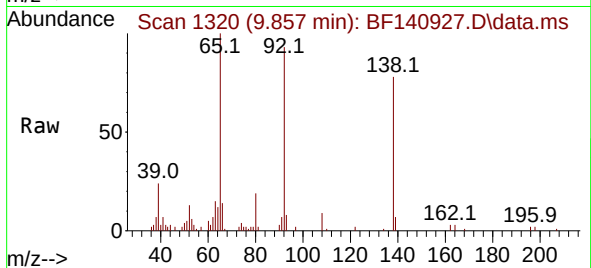
Tgt Ion:138 Resp: 14565

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 119.4 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 95.772 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

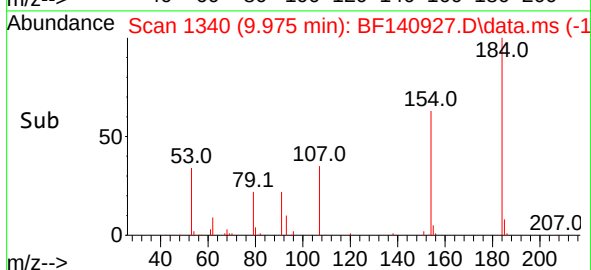
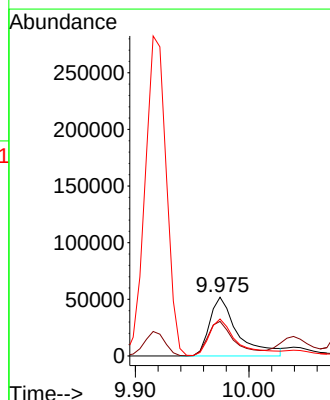
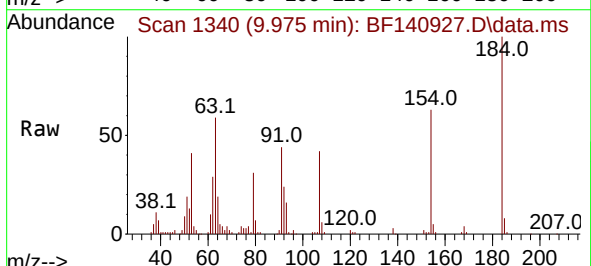
Tgt Ion:184 Resp: 88915

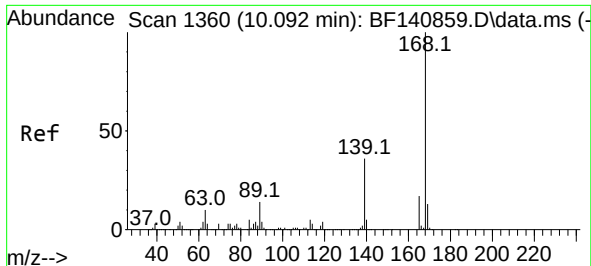
Ion Ratio Lower Upper

184 100

63 58.9 51.6 77.4

154 62.9 56.1 84.1

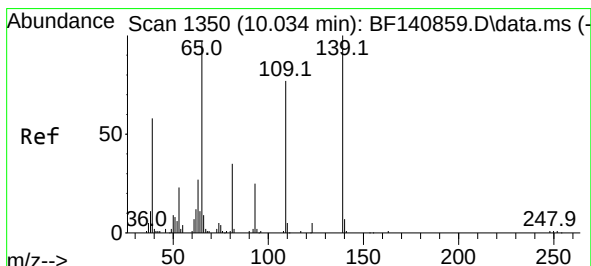
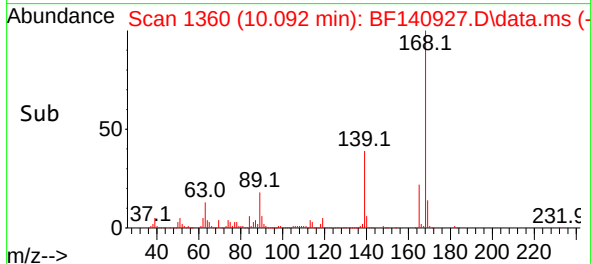
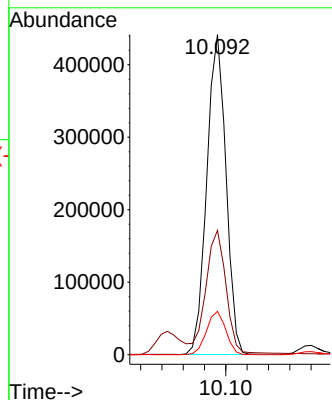
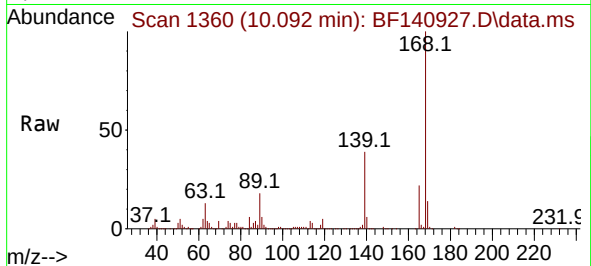




#55
Dibenzenofuran
Concen: 53.720 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

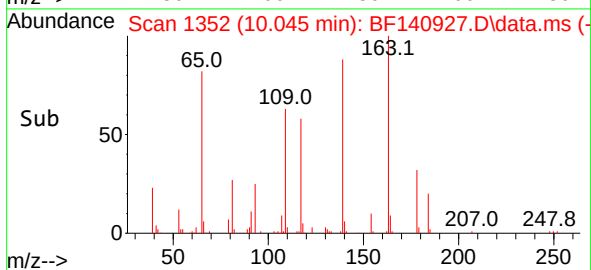
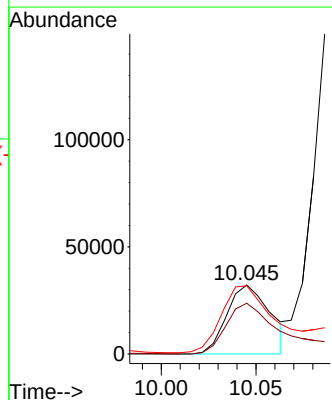
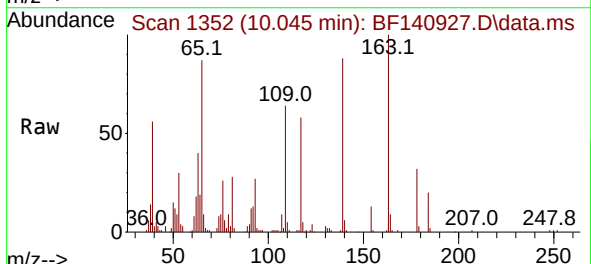
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

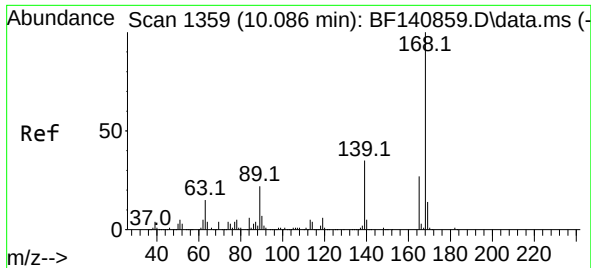
Tgt Ion:168 Resp: 553087
Ion Ratio Lower Upper
168 100
139 38.8 31.1 46.7
169 13.6 10.6 16.0



#56
4-Nitrophenol
Concen: 52.243 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.011 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:139 Resp: 50664
Ion Ratio Lower Upper
139 100
109 73.4 56.7 96.7
65 98.7 78.1 118.1

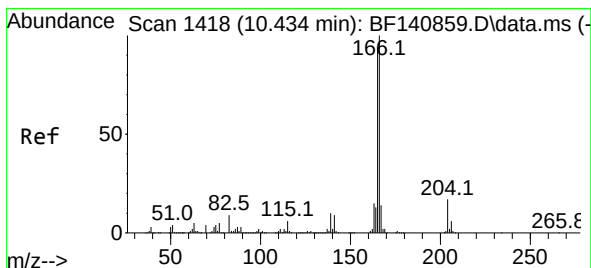
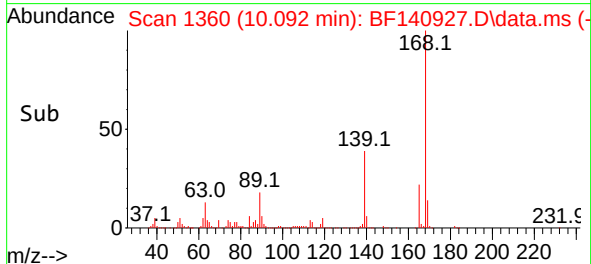
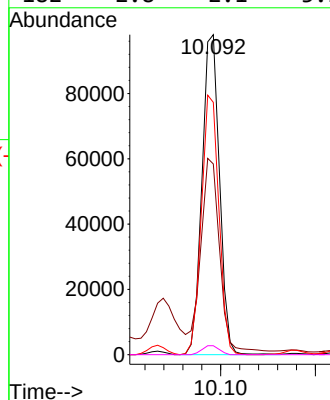
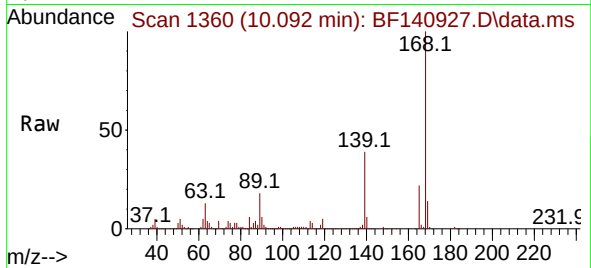




#57
2,4-Dinitrotoluene
Concen: 51.069 ng
RT: 10.092 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

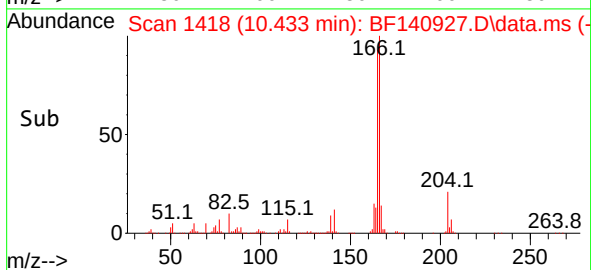
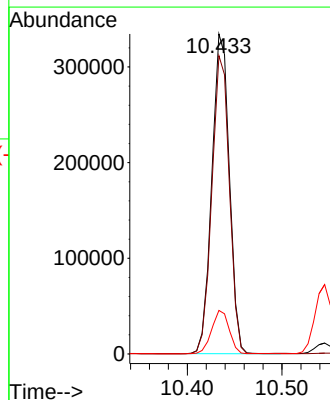
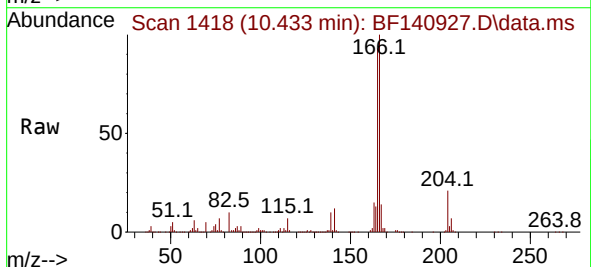
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

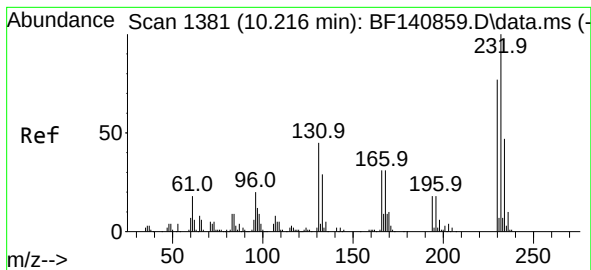
Tgt Ion:165 Resp: 126004
Ion Ratio Lower Upper
165 100
63 59.6 49.3 73.9
89 78.9 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 50.588 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:166 Resp: 429686
Ion Ratio Lower Upper
166 100
165 93.2 75.1 112.7
167 13.6 11.1 16.7

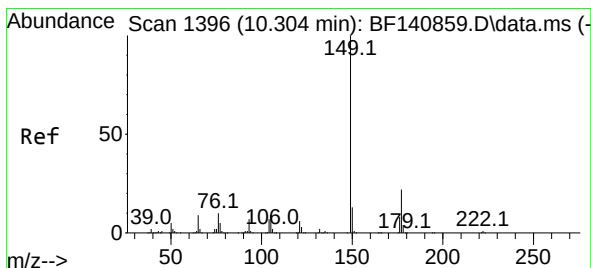
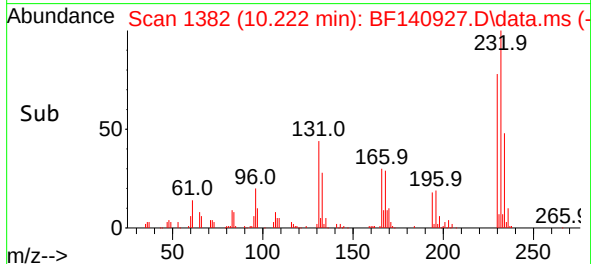
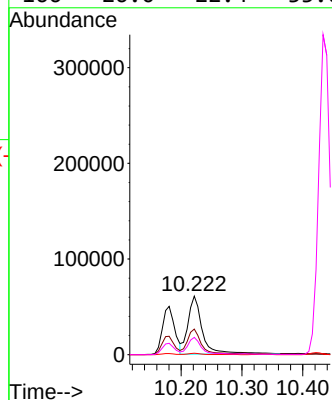
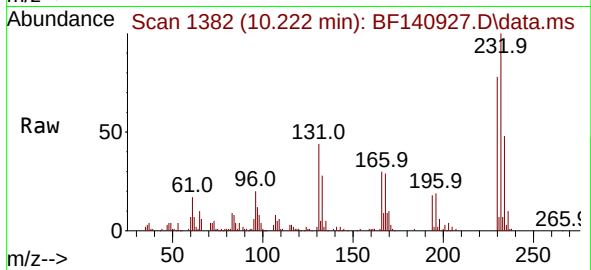




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.171 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

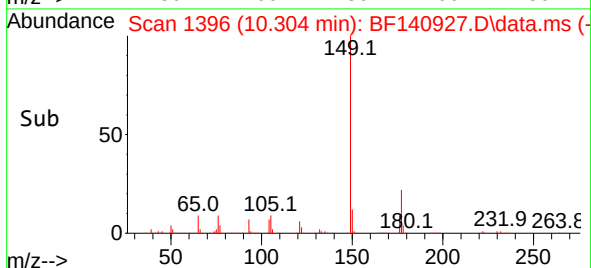
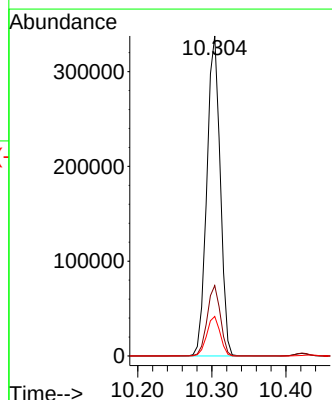
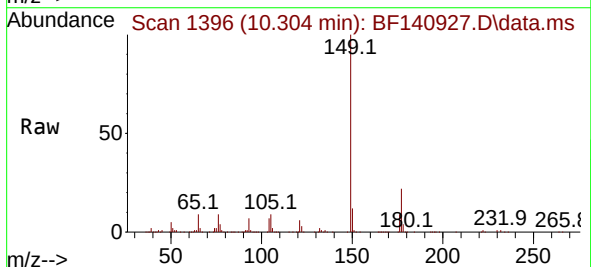
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

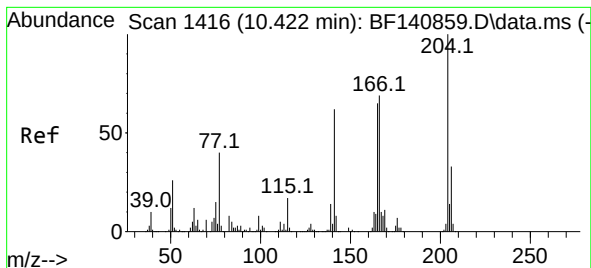
Tgt Ion:232 Resp: 98397
Ion Ratio Lower Upper
232 100
131 43.0 35.1 52.7
130 2.0 1.8 2.8
166 26.0 22.4 33.6



#60
Diethylphthalate
Concen: 49.634 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:149 Resp: 422199
Ion Ratio Lower Upper
149 100
177 22.0 17.2 25.8
150 12.4 10.1 15.1

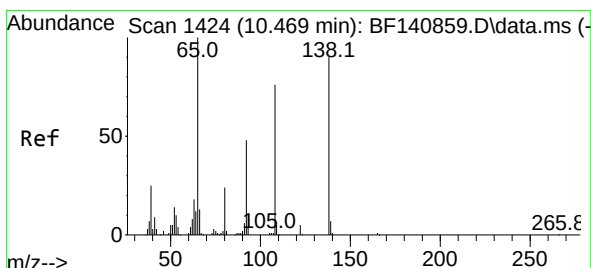
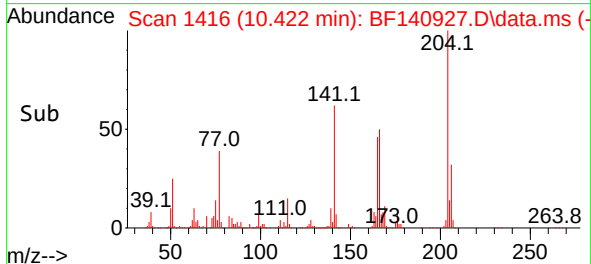
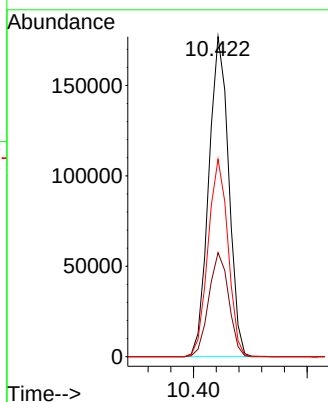
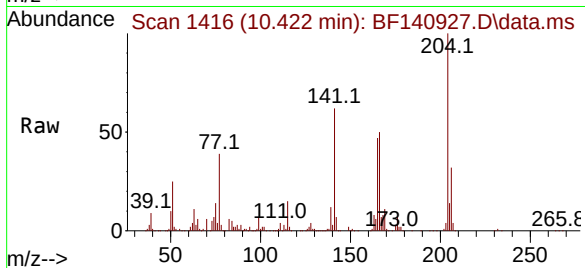




#61
4-Chlorophenyl-phenylether
Concen: 50.627 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

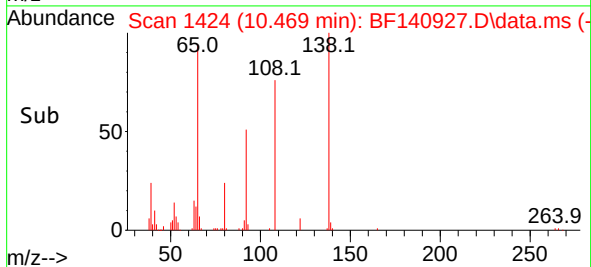
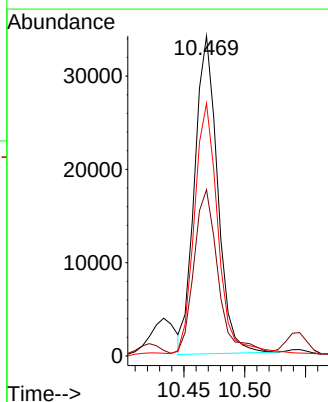
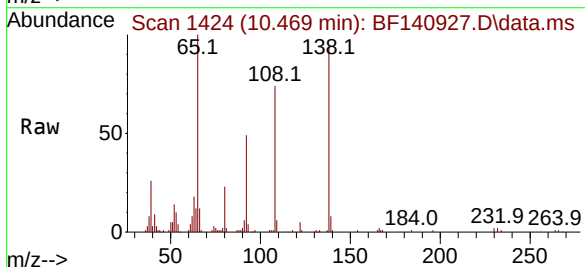
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

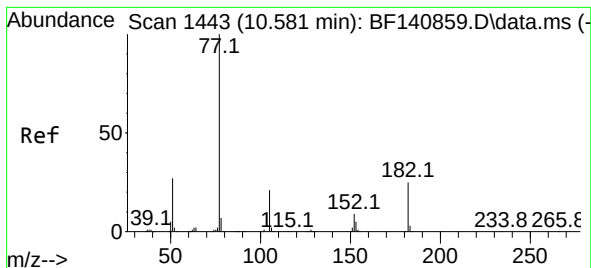
Tgt Ion:204 Resp: 216006
Ion Ratio Lower Upper
204 100
206 32.5 26.5 39.7
141 61.7 50.0 75.0



#62
4-Nitroaniline
Concen: 22.950 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:138 Resp: 44632
Ion Ratio Lower Upper
138 100
92 52.0 32.6 72.6
108 79.0 64.1 104.1





#63

Azobenzene

Concen: 49.370 ng

RT: 10.586 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

Tgt Ion: 77 Resp: 394801

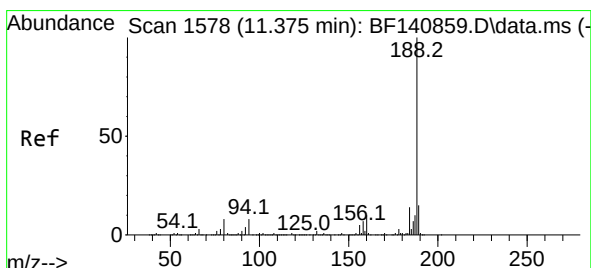
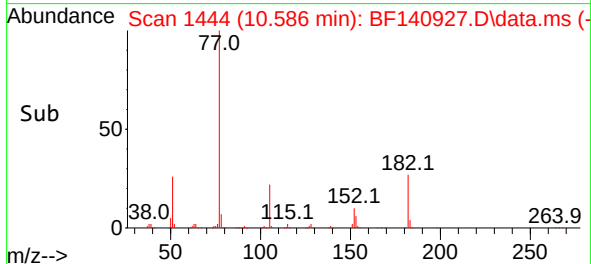
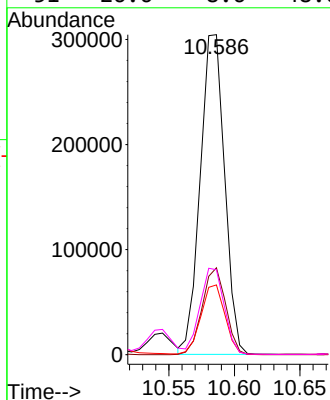
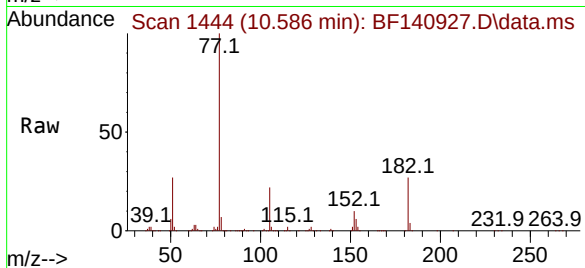
Ion Ratio Lower Upper

77 100

182 27.1 4.5 44.5

105 21.8 0.9 40.9

51 26.6 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1578

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

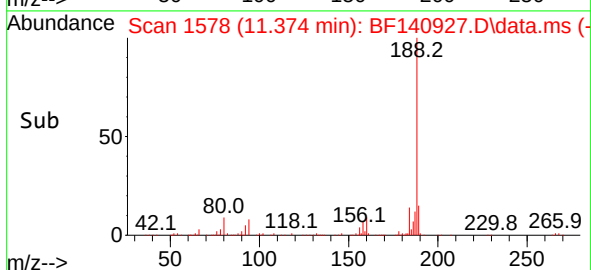
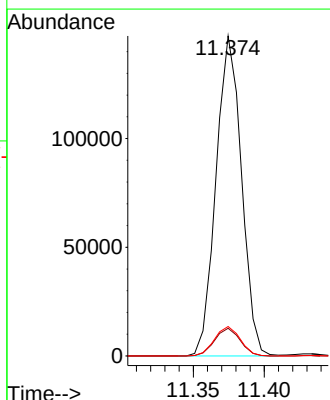
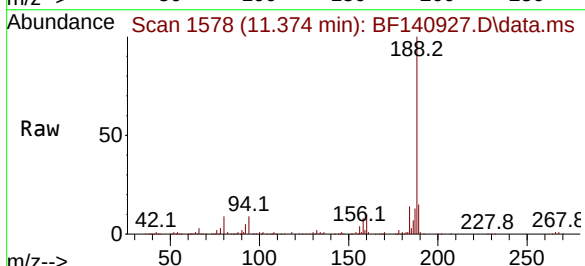
Tgt Ion: 188 Resp: 183633

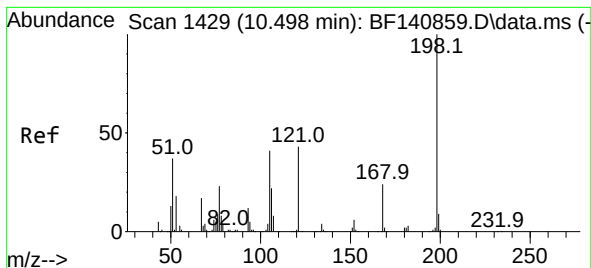
Ion Ratio Lower Upper

188 100

94 8.6 6.4 9.6

80 9.2 6.8 10.2

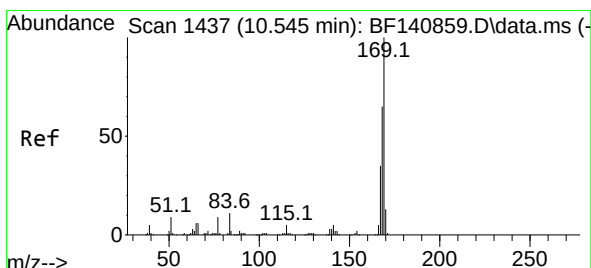
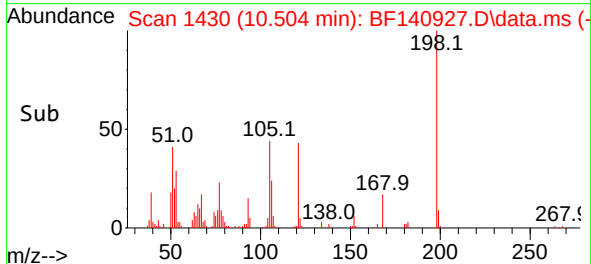
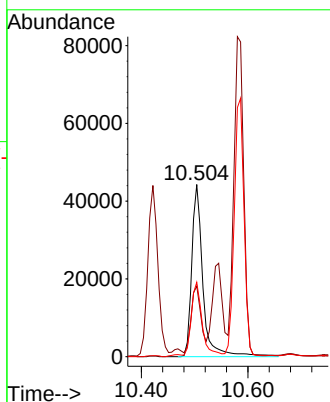
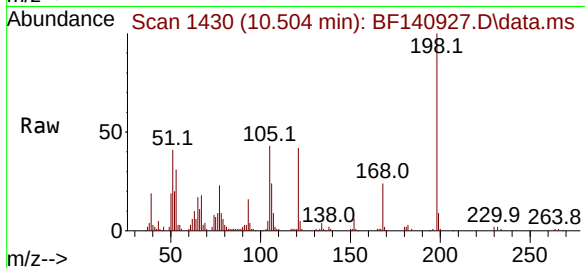




#65
4,6-Dinitro-2-methylphenol
Concen: 62.214 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

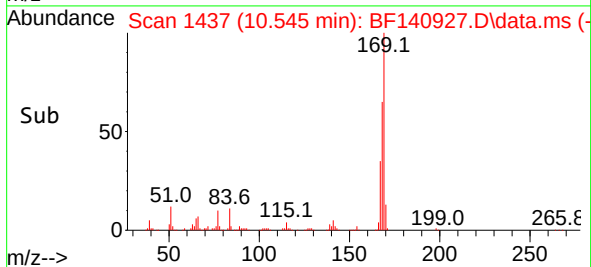
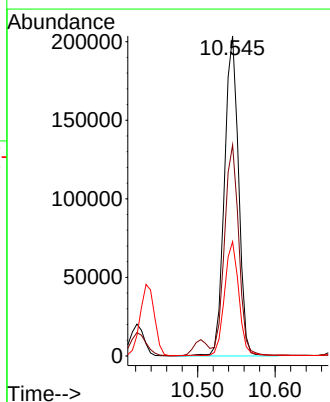
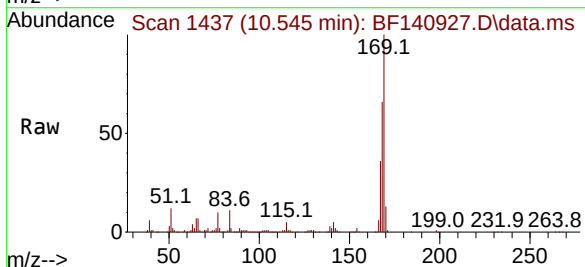
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

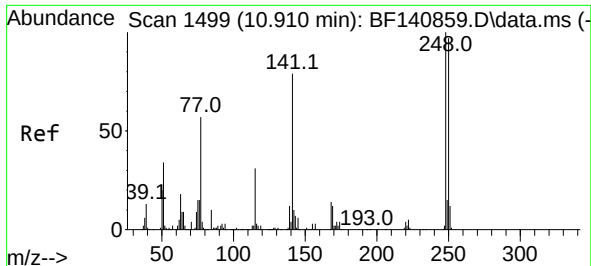
Tgt Ion:198 Resp: 64738
Ion Ratio Lower Upper
198 100
51 41.0 24.4 64.4
105 43.2 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 45.686 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:169 Resp: 257939
Ion Ratio Lower Upper
169 100
168 66.0 53.4 80.0
167 35.7 28.3 42.5

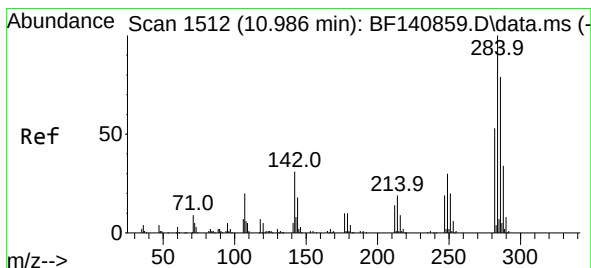
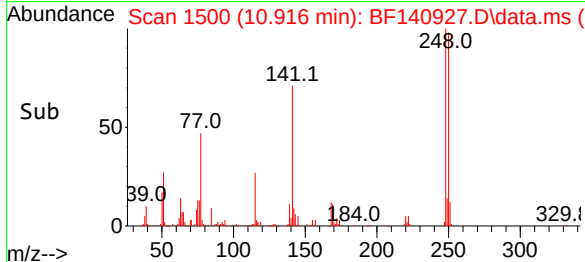
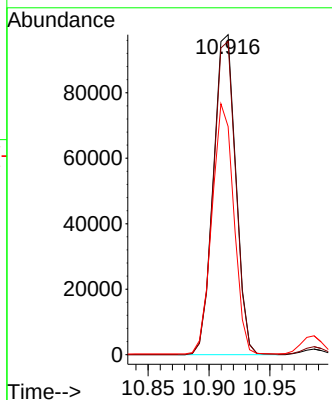
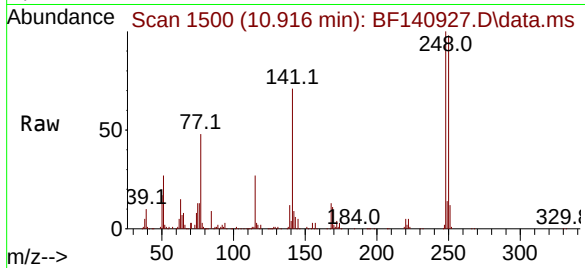




#67
4-Bromophenyl-phenylether
Concen: 61.167 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

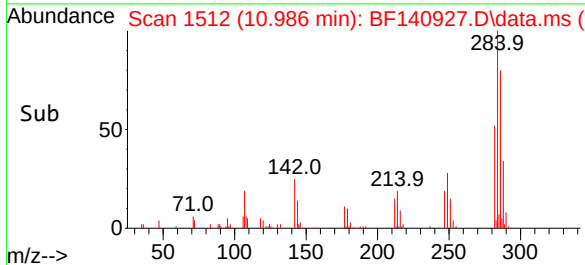
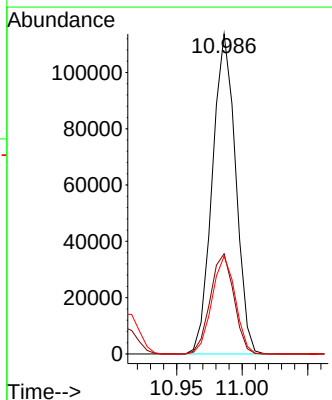
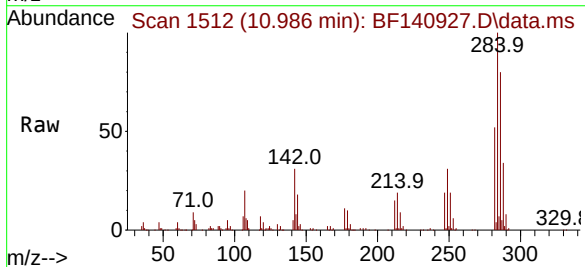
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

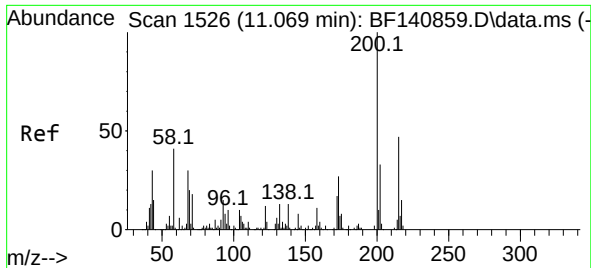
Tgt Ion:248 Resp: 125658
Ion Ratio Lower Upper
248 100
250 97.9 77.4 116.2
141 71.3 62.9 94.3



#68
Hexachlorobenzene
Concen: 60.189 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:284 Resp: 140192
Ion Ratio Lower Upper
284 100
142 31.3 24.6 36.8
249 30.6 24.3 36.5

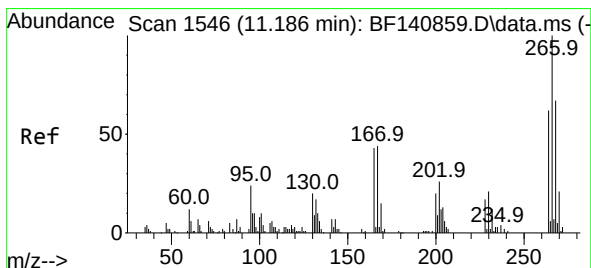
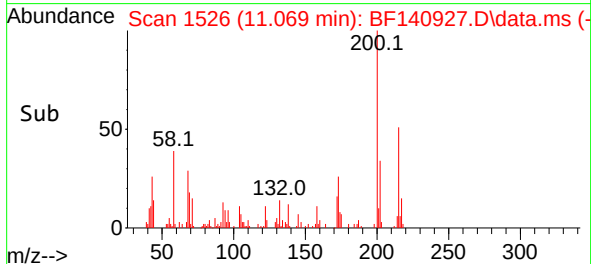
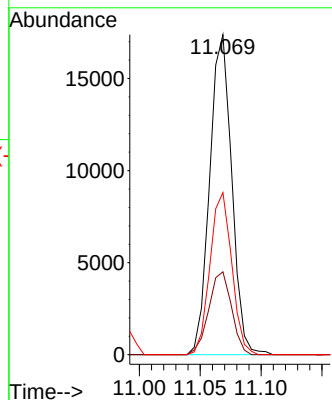
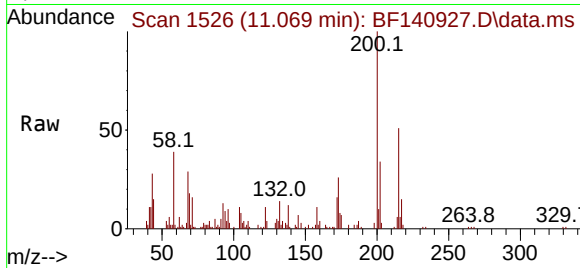




#69
 Atrazine
 Concen: 13.884 ng
 RT: 11.069 min Scan# 1526
 Delta R.T. -0.000 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

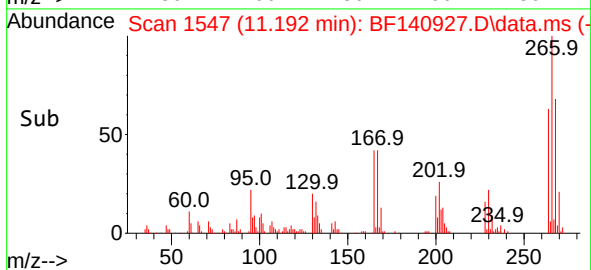
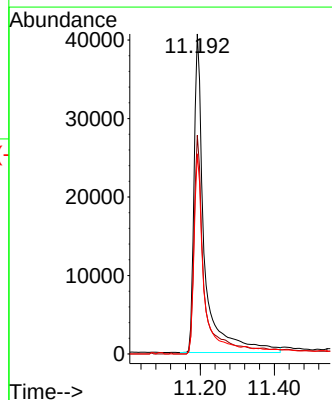
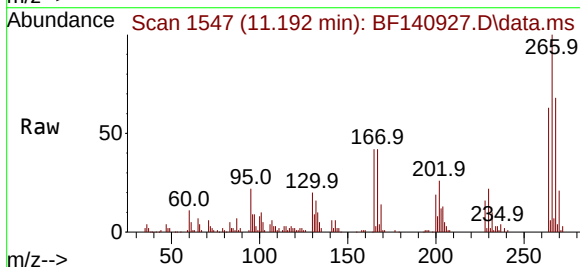
Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

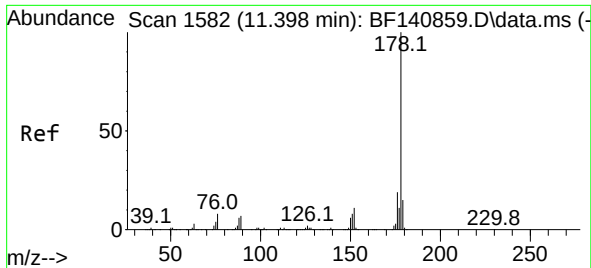
Tgt Ion:200 Resp: 21893
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.6 46.6
 215 50.6 26.7 66.7



#70
 Pentachlorophenol
 Concen: 94.112 ng
 RT: 11.192 min Scan# 1547
 Delta R.T. 0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

Tgt Ion:266 Resp: 80143
 Ion Ratio Lower Upper
 266 100
 268 68.4 54.0 81.0
 264 62.5 49.4 74.2

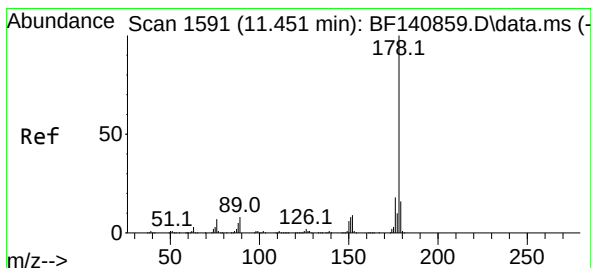
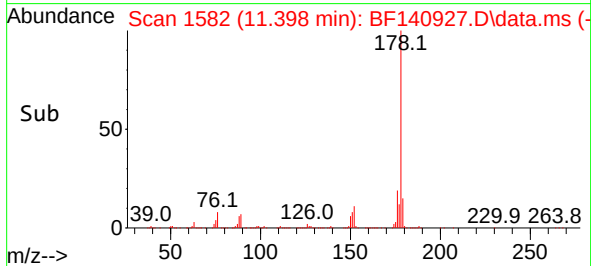
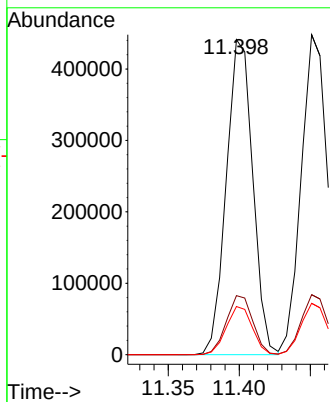
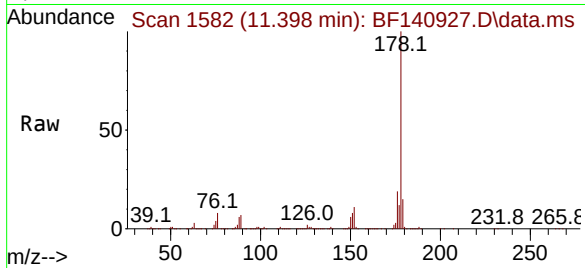




#71
Phenanthrene
Concen: 60.509 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

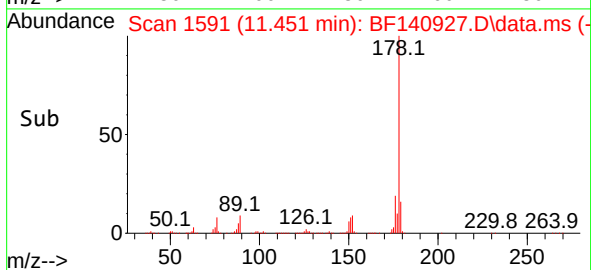
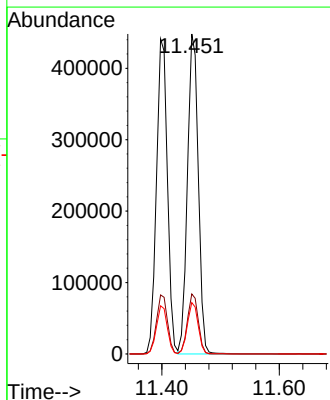
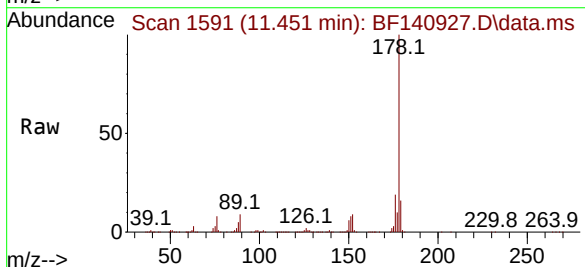
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

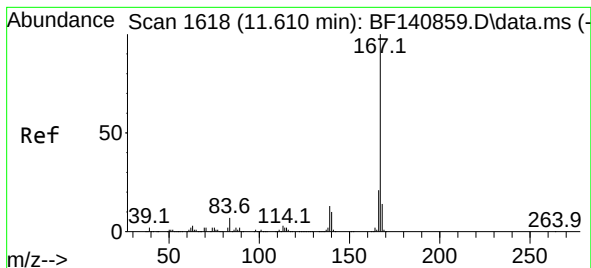
Tgt Ion:178 Resp: 571398
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.3 12.1 18.1



#72
Anthracene
Concen: 61.978 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:178 Resp: 576379
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 16.0 12.6 18.8





#73

Carbazole

Concen: 33.822 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

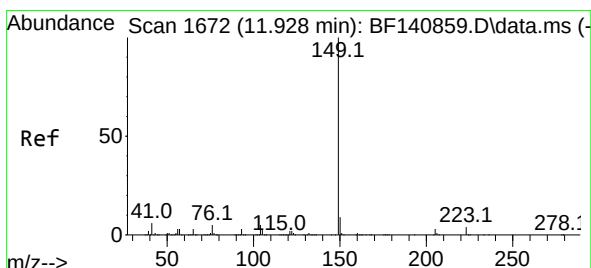
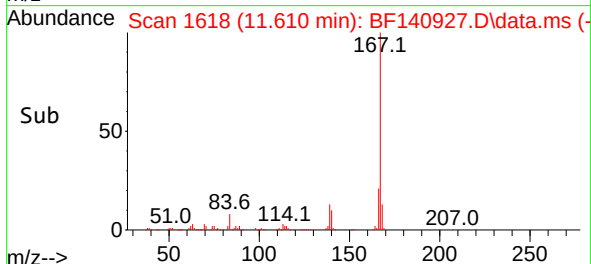
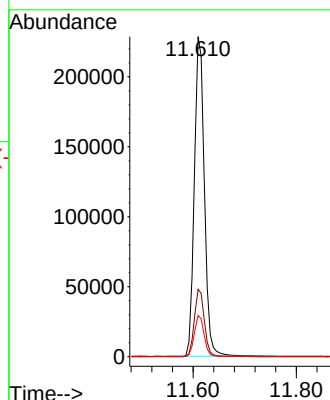
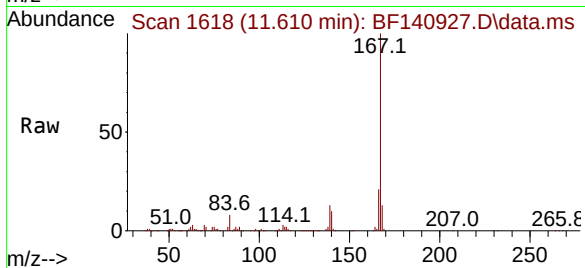
Tgt Ion:167 Resp: 308077

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.6

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 57.133 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

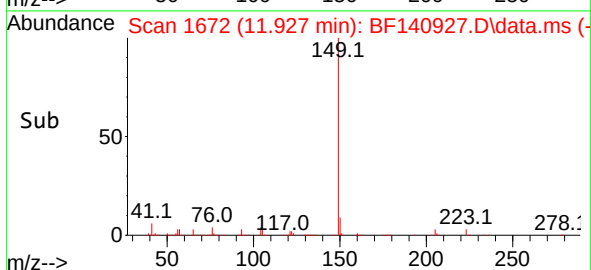
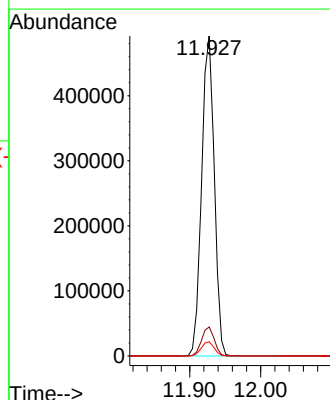
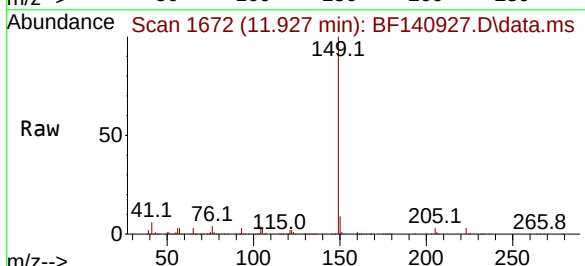
Tgt Ion:149 Resp: 610767

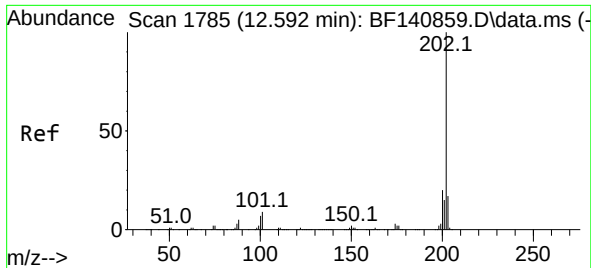
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 4.4 3.8 5.8

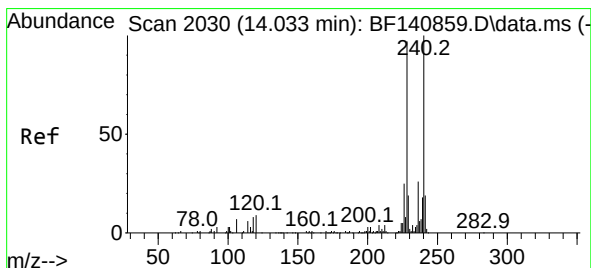
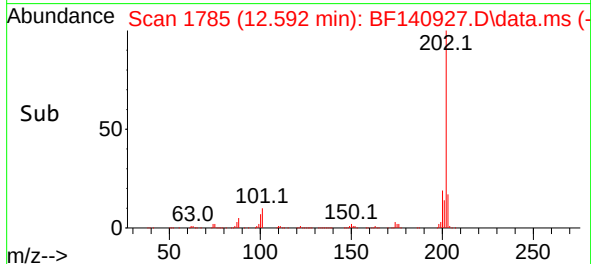
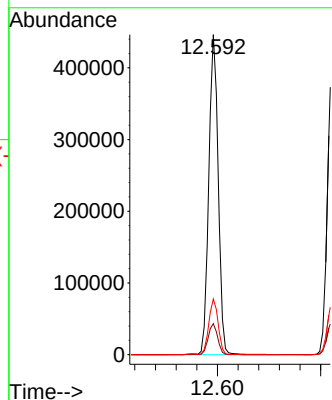
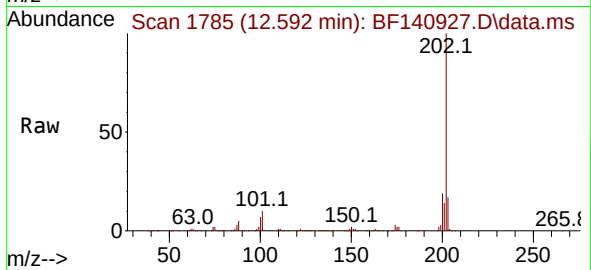




#75
Fluoranthene
Concen: 51.829 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

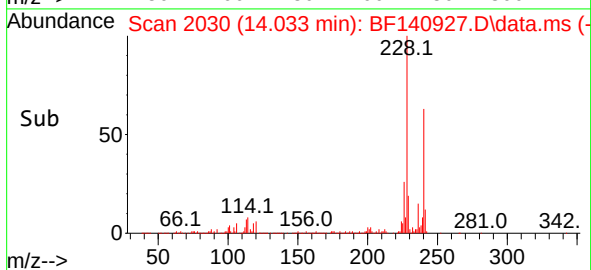
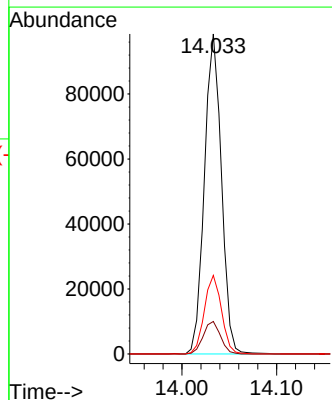
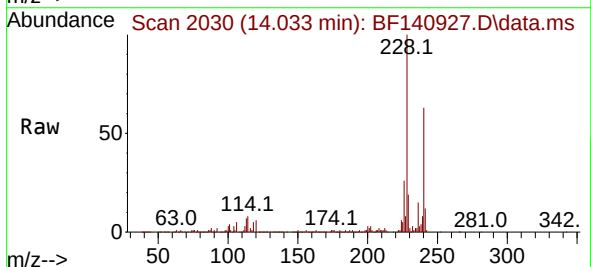
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

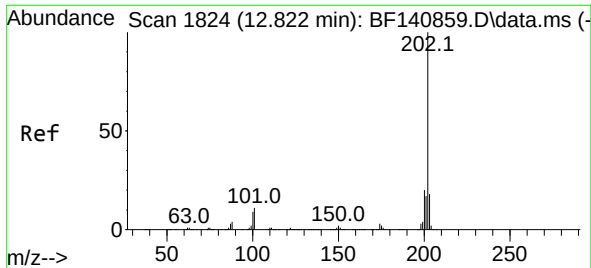
Tgt Ion:202 Resp: 563657
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:240 Resp: 122848
Ion Ratio Lower Upper
240 100
120 10.1 7.6 11.4
236 24.6 20.5 30.7

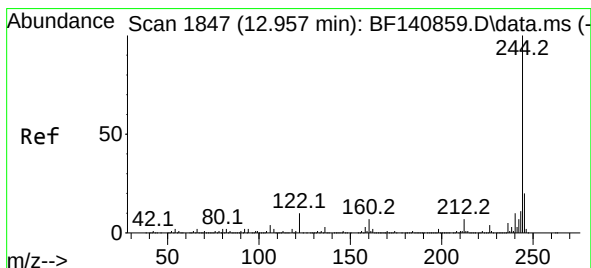
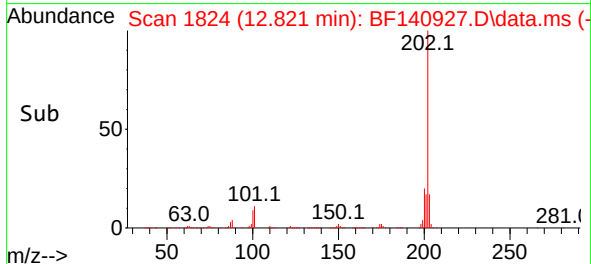
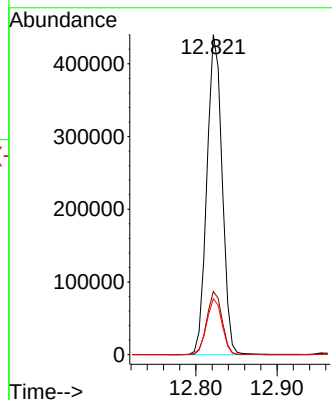
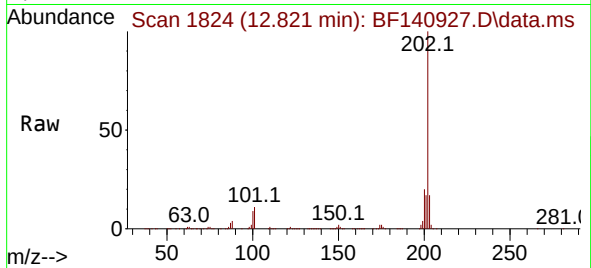




#78
Pyrene
Concen: 52.322 ng
RT: 12.821 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

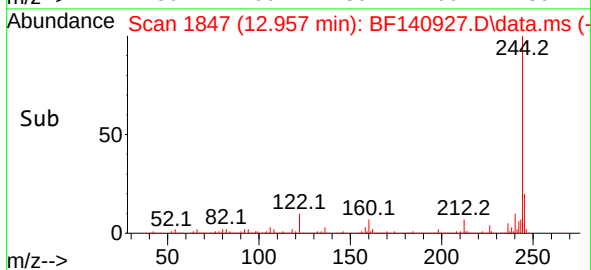
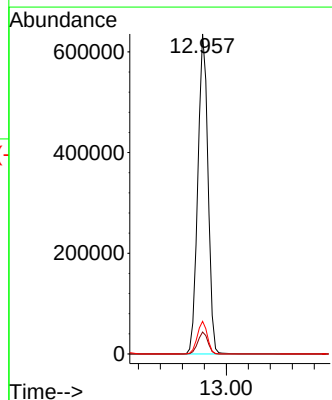
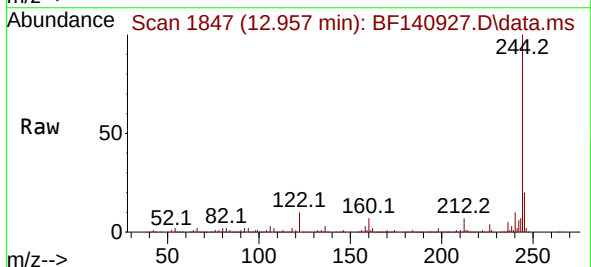
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

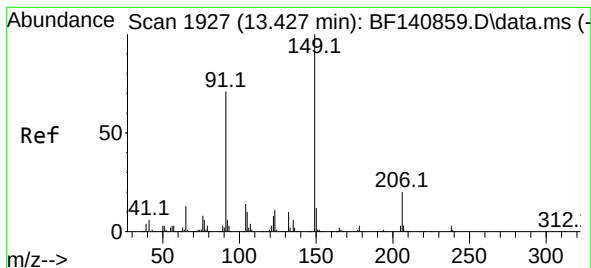
Tgt Ion:202 Resp: 571583
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.5 14.2 21.4



#79
Terphenyl-d14
Concen: 104.836 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.000 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:244 Resp: 816739
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.2 8.2 12.2





#80

Butylbenzylphthalate

Concen: 53.918 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

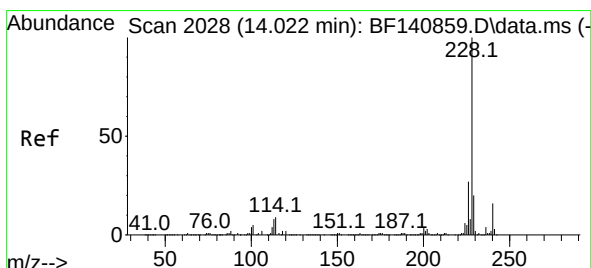
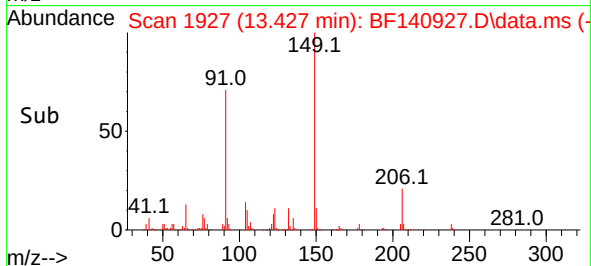
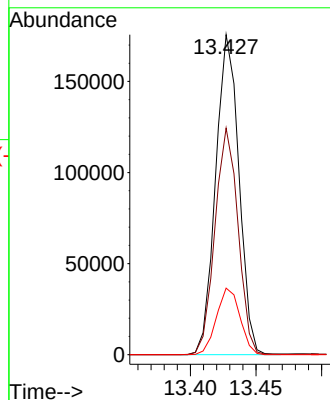
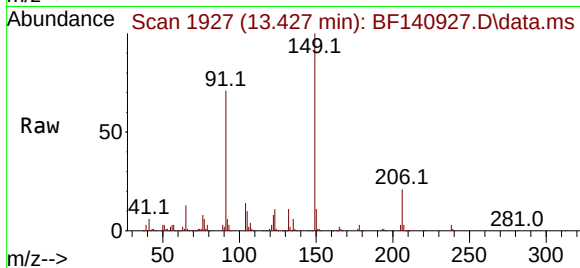
Tgt Ion:149 Resp: 216729

Ion Ratio Lower Upper

149 100

91 70.8 56.7 85.1

206 20.8 16.4 24.6



#81

Benzo(a)anthracene

Concen: 54.613 ng

RT: 14.021 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

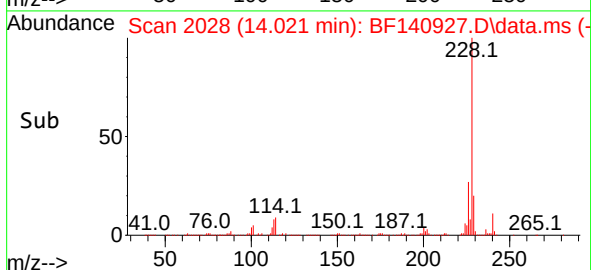
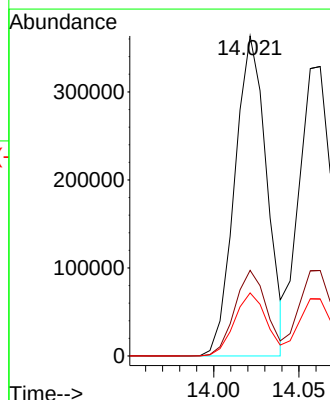
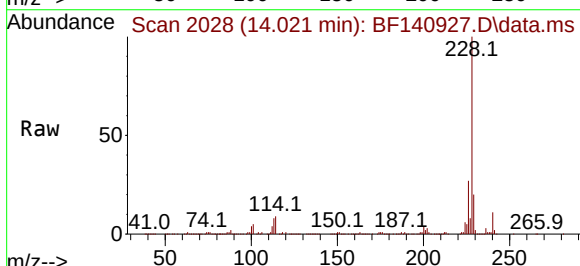
Tgt Ion:228 Resp: 475492

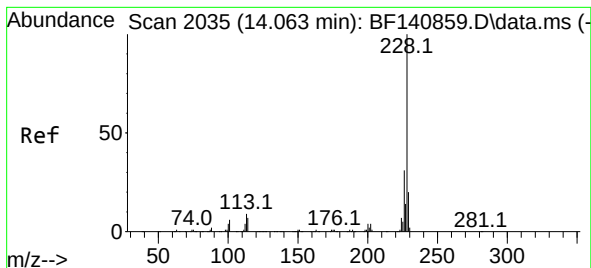
Ion Ratio Lower Upper

228 100

226 26.7 21.8 32.8

229 19.7 15.8 23.8





#83

Chrysene

Concen: 56.540 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

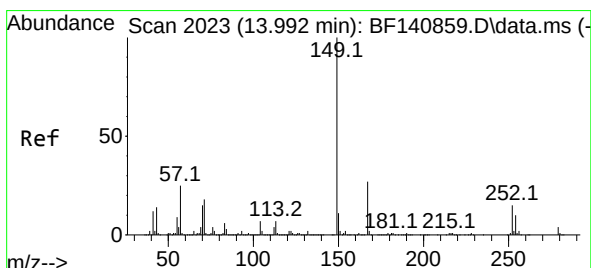
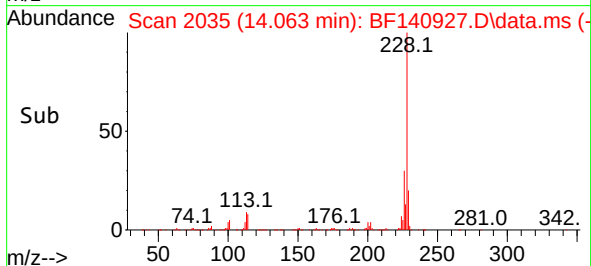
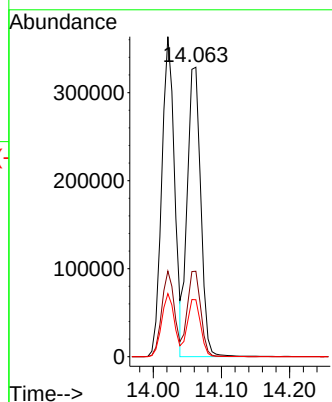
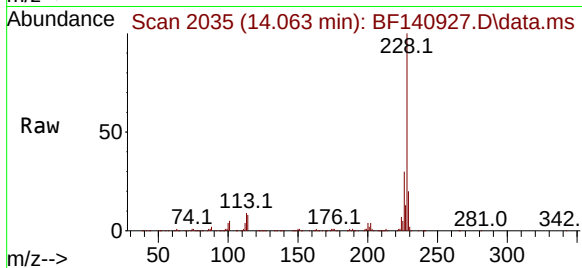
Tgt Ion:228 Resp: 447642

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.014 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

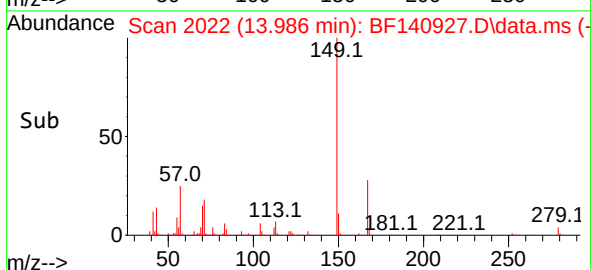
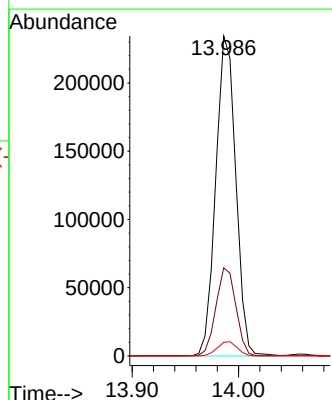
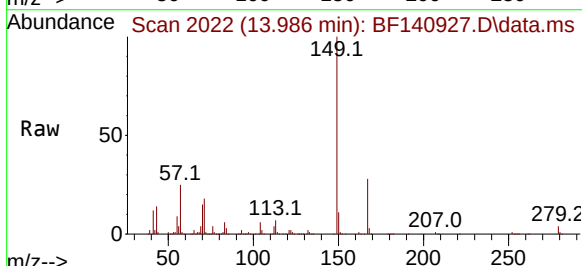
Tgt Ion:149 Resp: 305871

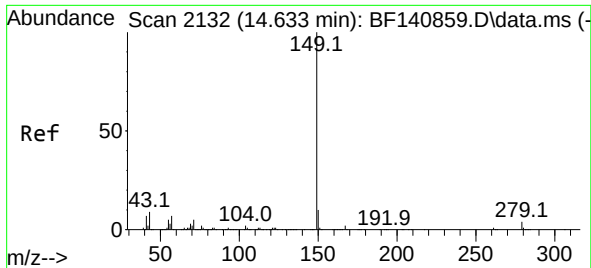
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.3 3.5 5.3

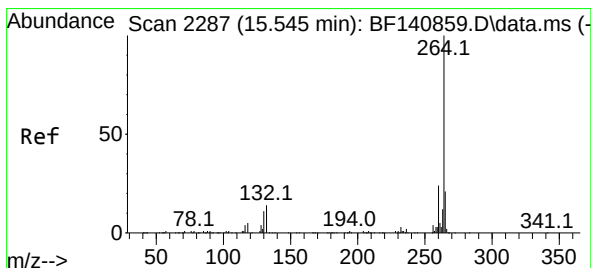
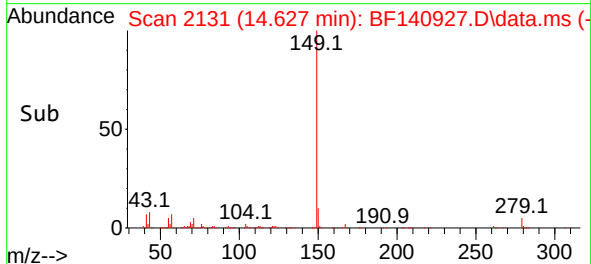
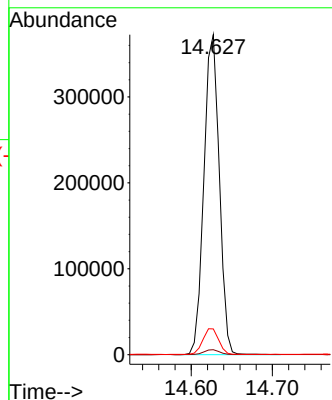
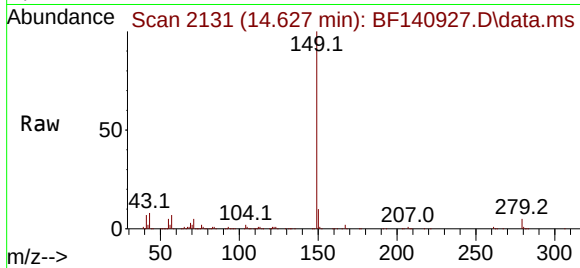




#85
Di-n-octyl phthalate
Concen: 62.505 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

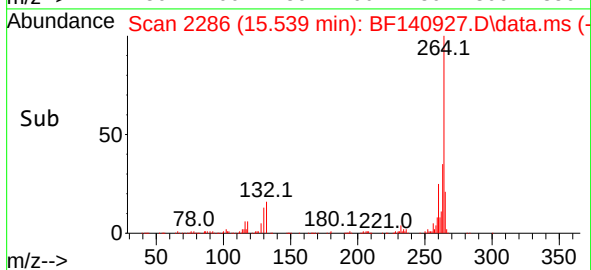
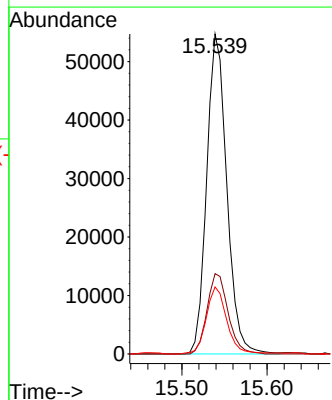
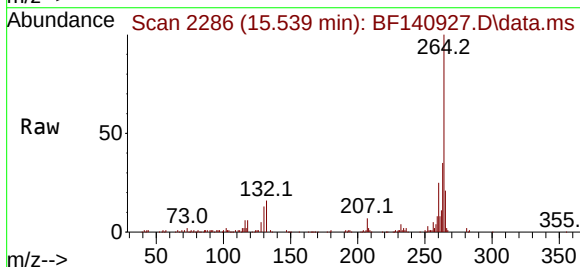
Instrument :
BNA_F
ClientSampleId :
WC-20241213MSD

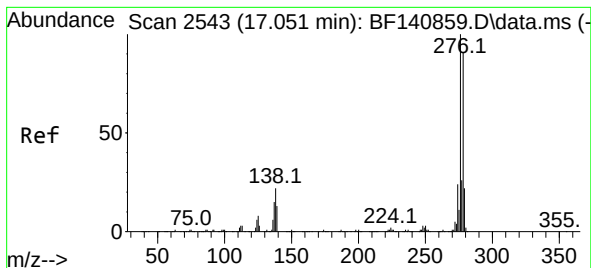
Tgt Ion:149 Resp: 490124
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.3 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF140927.D
Acq: 19 Dec 2024 15:39

Tgt Ion:264 Resp: 89792
Ion Ratio Lower Upper
264 100
260 25.1 19.1 28.7
265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 104.254 ng

RT: 17.062 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

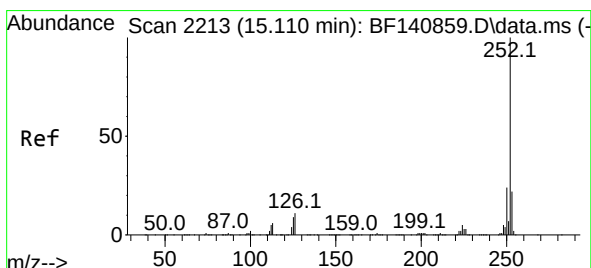
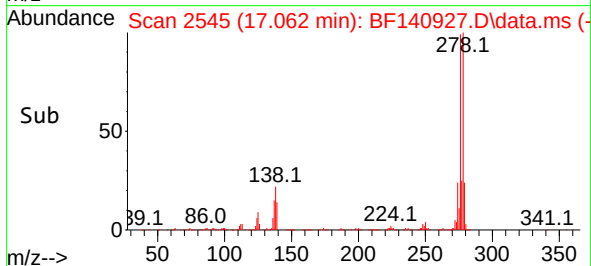
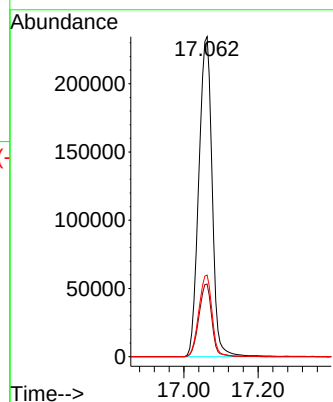
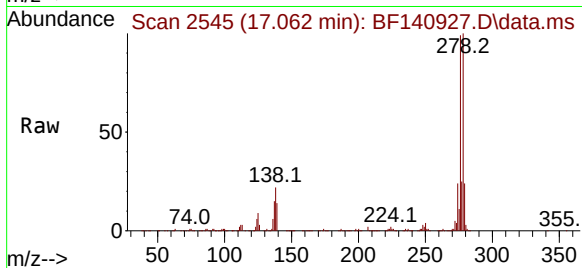
Tgt Ion:276 Resp: 584171

Ion Ratio Lower Upper

276 100

138 21.9 16.9 25.3

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 78.088 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

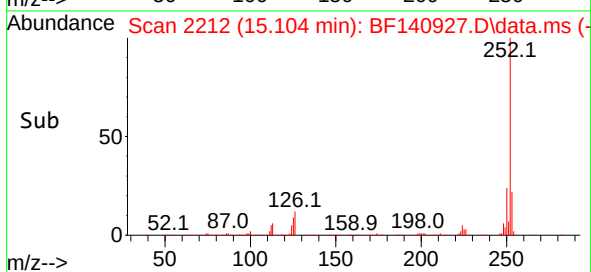
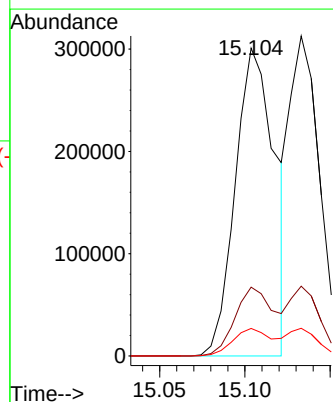
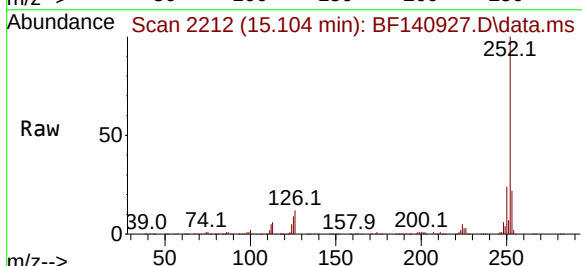
Tgt Ion:252 Resp: 486714

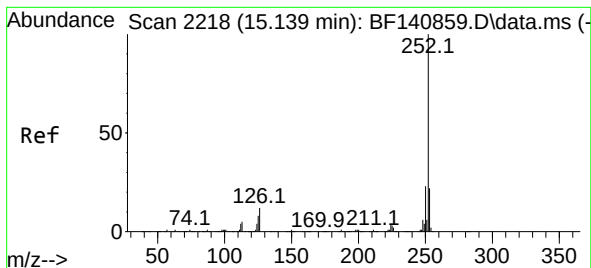
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 9.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 71.857 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

Instrument :

BNA_F

ClientSampleId :

WC-20241213MSD

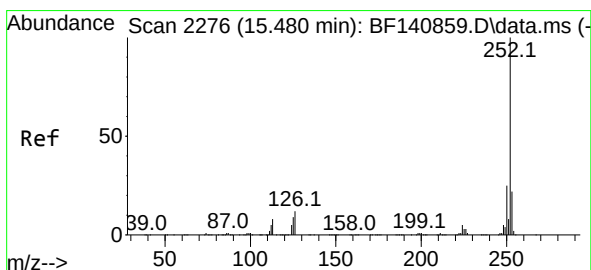
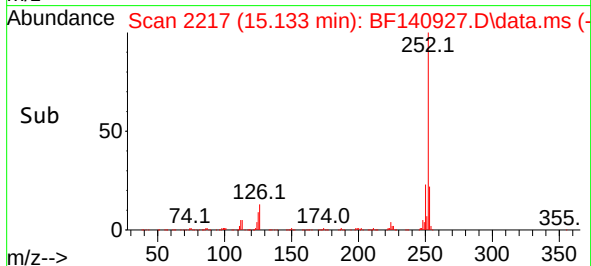
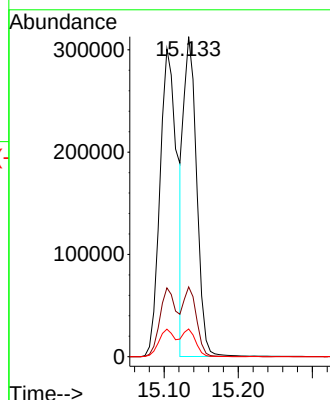
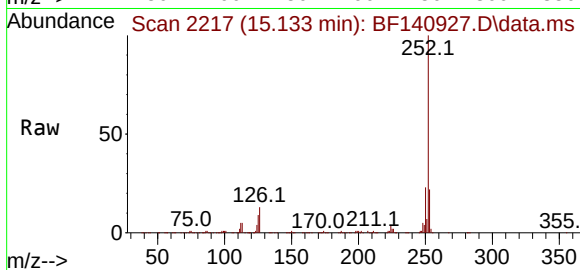
Tgt Ion:252 Resp: 384189

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 83.600 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF140927.D

Acq: 19 Dec 2024 15:39

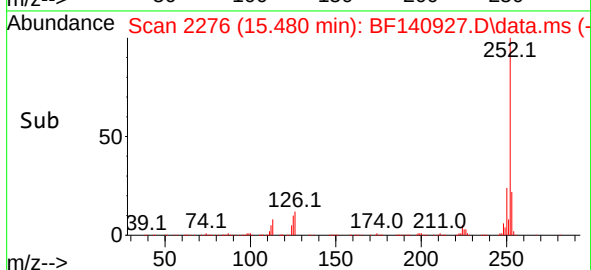
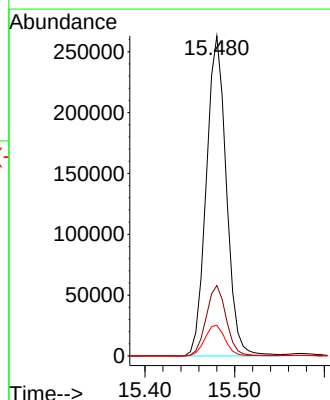
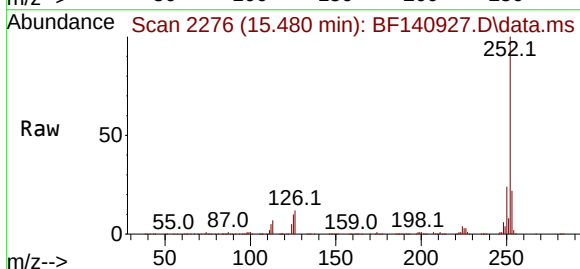
Tgt Ion:252 Resp: 408017

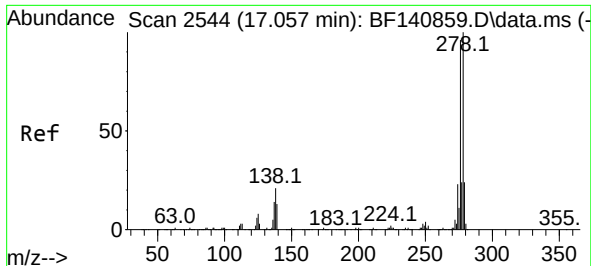
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.6 7.5 11.3

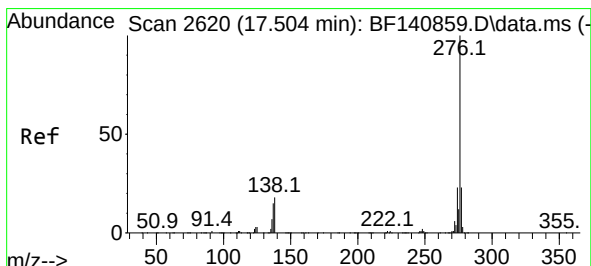
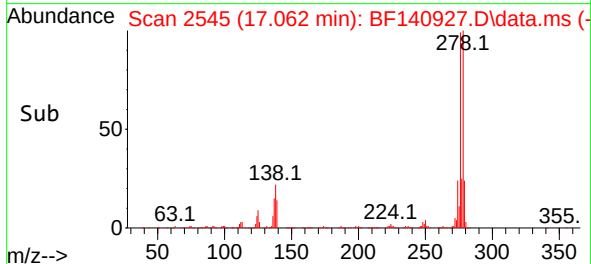
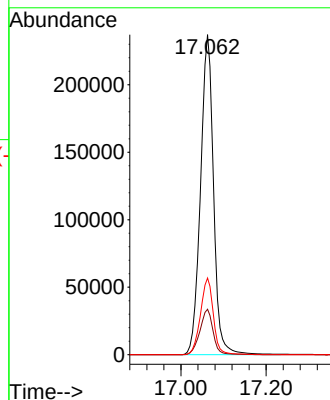
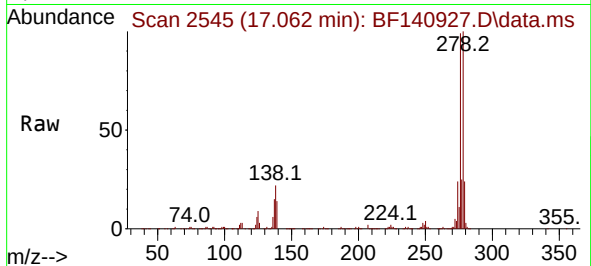




#91
 Dibenzo(a,h)anthracene
 Concen: 108.242 ng
 RT: 17.062 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

Instrument :
 BNA_F
 ClientSampleId :
 WC-20241213MSD

Tgt Ion:278 Resp: 502471
 Ion Ratio Lower Upper
 278 100
 139 14.2 10.6 16.0
 279 24.0 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 90.416 ng
 RT: 17.509 min Scan# 2621
 Delta R.T. 0.006 min
 Lab File: BF140927.D
 Acq: 19 Dec 2024 15:39

Tgt Ion:276 Resp: 427180
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 18.7 14.2 21.2

