

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
 Data File : BF140881.D
 Acq On : 17 Dec 2024 13:27
 Operator : RC/JU
 Sample : P5239-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

Quant Time: Dec 17 13:49:32 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	62397	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	225657	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	125106	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	222102	20.000	ng	0.00
76) Chrysene-d12	14.022	240	162379	20.000	ng	-0.01
86) Perylene-d12	15.510	264	169170	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	466991	123.204	ng	0.02
7) Phenol-d6	6.498	99	574159	114.365	ng	0.00
23) Nitrobenzene-d5	7.416	82	409831	90.865	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	190547	128.779	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	819120	90.017	ng	0.00
79) Terphenyl-d14	12.957	244	842466	81.812	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	56004	34.302	ng	# 83
3) Pyridine	3.540	79	100418	26.558	ng	99
4) n-Nitrosodimethylamine	3.452	42	77212	40.508	ng	97
6) Aniline	6.522	93	53544	12.474	ng	# 16
8) 2-Chlorophenol	6.646	128	178732	43.241	ng	98
9) Benzaldehyde	6.428	77	6105	2.195	ng	93
10) Phenol	6.516	94	200307	38.496	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	166515	42.912	ng	98
12) 1,3-Dichlorobenzene	6.793	146	181584	38.553	ng	98
13) 1,4-Dichlorobenzene	6.869	146	184995	38.694	ng	99
14) 1,2-Dichlorobenzene	7.016	146	175338	38.870	ng	99
15) Benzyl Alcohol	7.004	79	157297	43.820	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.116	45	201426	44.064	ng	86
17) 2-Methylphenol	7.116	107	140700	42.636	ng	97
18) Hexachloroethane	7.357	117	67829	38.110	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	126821	42.112	ng	99
20) 3+4-Methylphenols	7.275	107	186060	42.519	ng	# 81
22) Acetophenone	7.263	105	254955	45.166	ng	97
24) Nitrobenzene	7.434	77	196033	42.425	ng	99
25) Isophorone	7.669	82	350176	46.336	ng	99
26) 2-Nitrophenol	7.751	139	95870	45.049	ng	99
27) 2,4-Dimethylphenol	7.793	122	137602	55.366	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	213086	45.144	ng	98
29) 2,4-Dichlorophenol	8.004	162	152136	44.338	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	158355	40.259	ng	98
31) Naphthalene	8.151	128	534645	43.132	ng	99
32) Benzoic acid	7.934	122	97295	41.277	ng	99
33) 4-Chloroaniline	8.210	127	36891	8.961	ng	99
34) Hexachlorobutadiene	8.257	225	107766	40.721	ng	99
35) Caprolactam	8.575	113	24925	24.400	ng	97
36) 4-Chloro-3-methylphenol	8.698	107	165358	42.817	ng	97
37) 2-Methylnaphthalene	8.839	142	361459	44.082	ng	99
38) 1-Methylnaphthalene	8.939	142	332893	41.051	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	179806	46.760	ng	99
41) Hexachlorocyclopentadiene	8.987	237	98451	74.663	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	109789	46.628	ng	98

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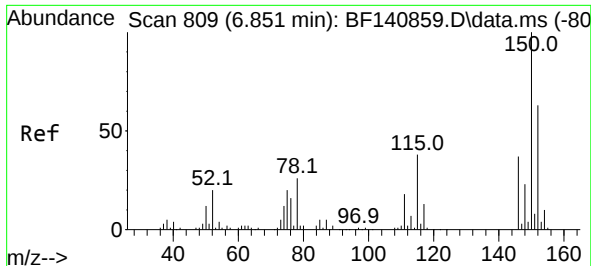
Quant Time: Dec 17 13:49:32 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	116618	45.061	ng	99
46) 1,1'-Biphenyl	9.304	154	458559	46.095	ng	98
47) 2-Chloronaphthalene	9.334	162	335137	44.036	ng	100
48) 2-Nitroaniline	9.434	65	100919	43.907	ng	100
49) Acenaphthylene	9.745	152	542942	48.545	ng	100
50) Dimethylphthalate	9.604	163	399616	45.307	ng	100
51) 2,6-Dinitrotoluene	9.675	165	83595	41.458	ng	98
52) Acenaphthene	9.916	154	335146	46.911	ng	99
53) 3-Nitroaniline	9.851	138	29154	14.569	ng	99
54) 2,4-Dinitrophenol	9.969	184	83635	84.599	ng	98
55) Dibenzofuran	10.092	168	505640	45.675	ng	100
56) 4-Nitrophenol	10.034	139	74206	69.555	ng	89
57) 2,4-Dinitrotoluene	10.086	165	112511	42.409	ng	98
58) Fluorene	10.434	166	398400	43.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	95138	45.114	ng	97
60) Diethylphthalate	10.304	149	405957	44.385	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	203671	44.395	ng	98
62) 4-Nitroaniline	10.463	138	70590	33.758	ng	100
63) Azobenzene	10.581	77	379713	44.160	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	61499	48.865	ng	98
66) n-Nitrosodiphenylamine	10.539	169	315397	46.187	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	120106	48.338	ng	100
68) Hexachlorobenzene	10.981	284	132107	46.894	ng	96
69) Atrazine	11.069	200	59542	31.220	ng	98
70) Pentachlorophenol	11.186	266	99720	96.819	ng	98
71) Phenanthrene	11.398	178	542454	47.494	ng	99
72) Anthracene	11.451	178	556011	49.433	ng	99
73) Carbazole	11.610	167	446839	40.559	ng	100
74) Di-n-butylphthalate	11.928	149	618903	47.866	ng	99
75) Fluoranthene	12.592	202	582887	44.314	ng	99
77) Benzidine	12.722	184	7756	2.340	ng	# 96
78) Pyrene	12.822	202	594970	41.204	ng	100
80) Butylbenzylphthalate	13.427	149	248268	46.728	ng	99
81) Benzo(a)anthracene	14.010	228	566069	49.188	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	47099	13.565	ng	99
83) Chrysene	14.051	228	488071	46.639	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	362980	52.983	ng	99
85) Di-n-octyl phthalate	14.604	149	609493	58.805	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	678743	64.294	ng	100
88) Benzo(b)fluoranthene	15.074	252	580326	49.419	ng	100
89) Benzo(k)fluoranthene	15.104	252	443845	44.063	ng	99
90) Benzo(a)pyrene	15.445	252	498440	54.207	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	566869	64.816	ng	99
92) Benzo(g,h,i)perylene	17.468	276	508605	57.139	ng	99

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

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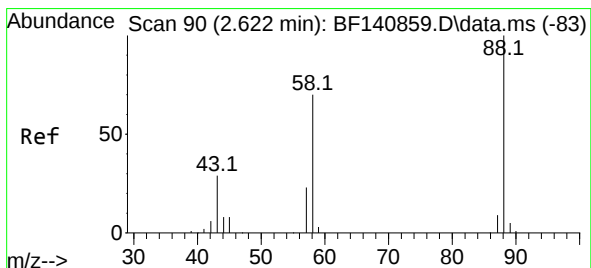
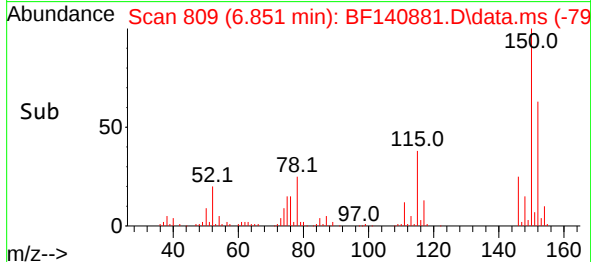
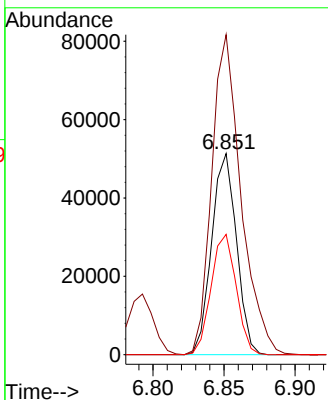
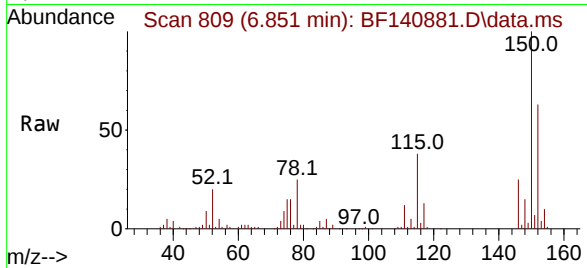




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140881.D
 Acq: 17 Dec 2024 13:27

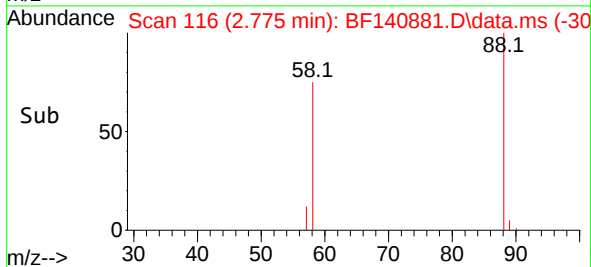
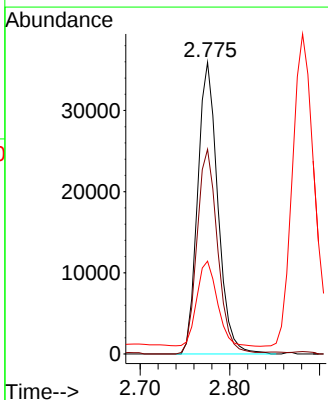
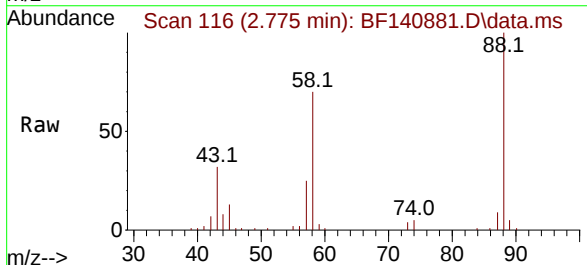
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

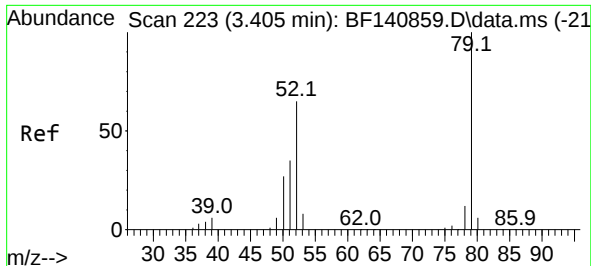
Tgt Ion:152 Resp: 62397
 Ion Ratio Lower Upper
 152 100
 150 159.1 127.9 191.9
 115 59.9 48.0 72.0



#2
 1,4-Dioxane
 Concen: 34.302 ng
 RT: 2.775 min Scan# 116
 Delta R.T. 0.153 min
 Lab File: BF140881.D
 Acq: 17 Dec 2024 13:27

Tgt Ion: 88 Resp: 56004
 Ion Ratio Lower Upper
 88 100
 58 72.0 55.8 83.8
 43 0.0 22.7 34.1#





#3

Pyridine

Concen: 26.558 ng

RT: 3.540 min Scan# 246

Delta R.T. 0.135 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

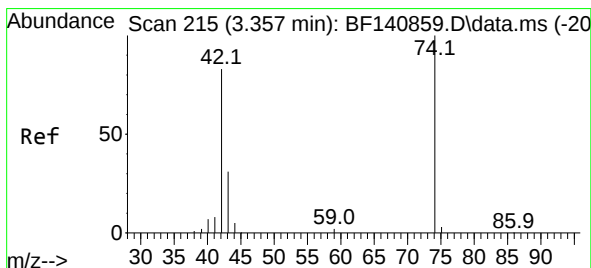
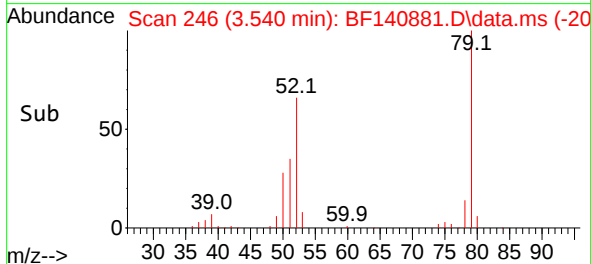
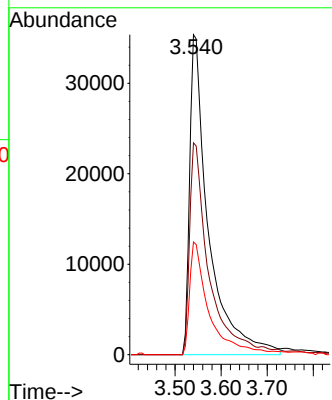
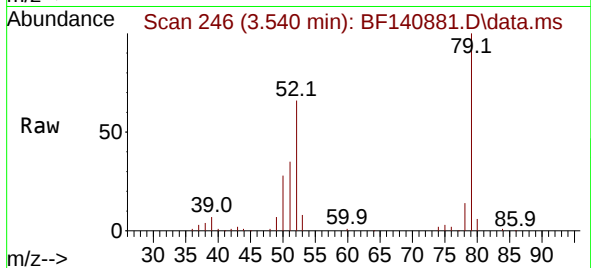
Tgt Ion: 79 Resp: 100418

Ion Ratio Lower Upper

79 100

52 66.2 51.7 77.5

51 35.2 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 40.508 ng

RT: 3.452 min Scan# 231

Delta R.T. 0.094 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

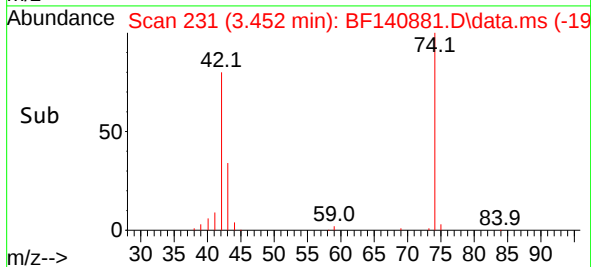
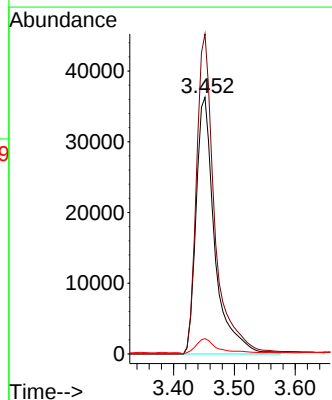
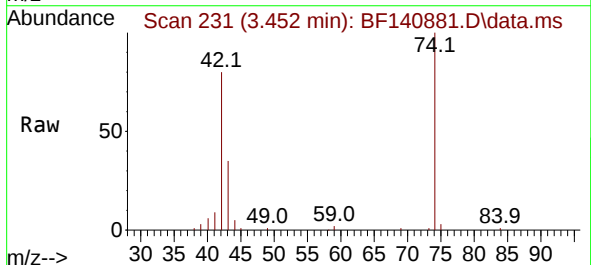
Tgt Ion: 42 Resp: 77212

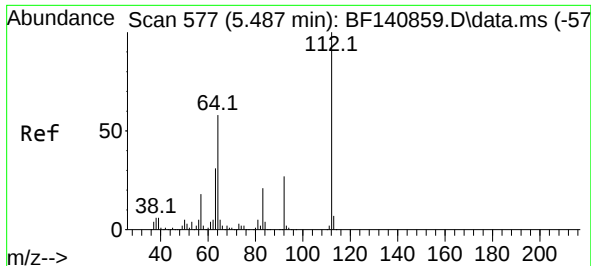
Ion Ratio Lower Upper

42 100

74 124.7 96.9 145.3

44 6.0 4.4 6.6

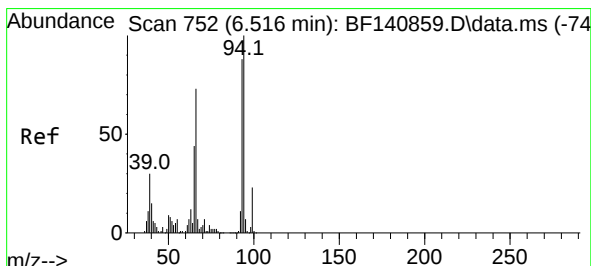
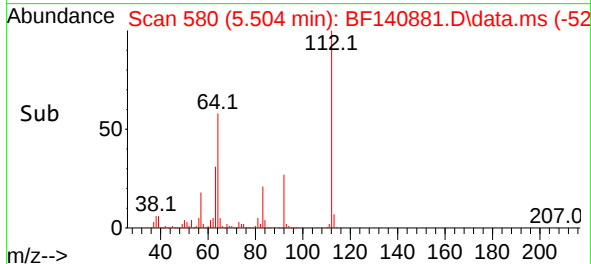
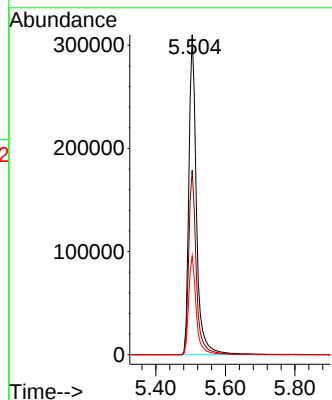
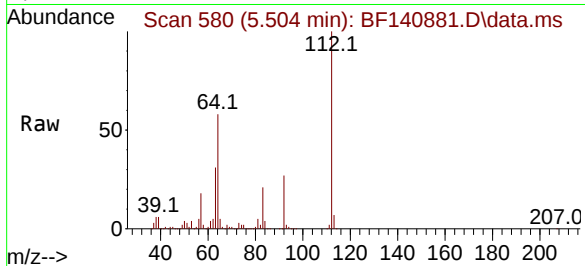




#5
2-Fluorophenol
Concen: 123.204 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

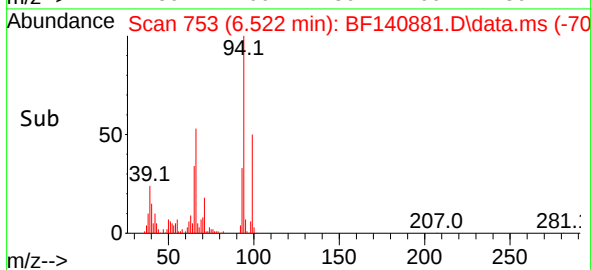
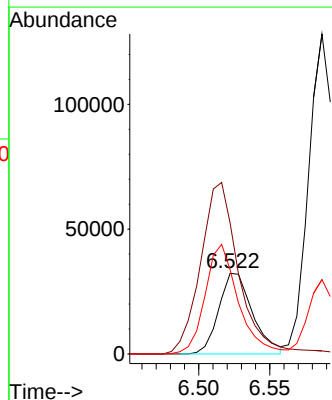
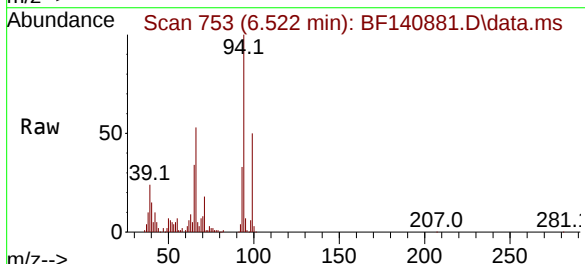
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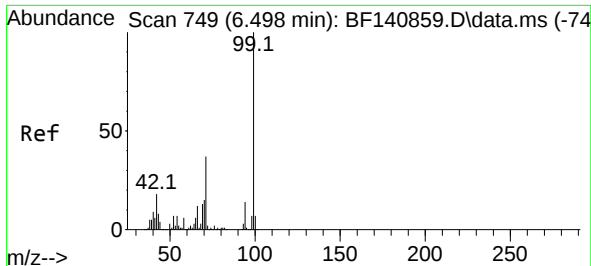
Tgt Ion:112 Resp: 466991
Ion Ratio Lower Upper
112 100
64 57.7 46.1 69.1
63 30.9 24.9 37.3



#6
Aniline
Concen: 12.474 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion: 93 Resp: 53544
Ion Ratio Lower Upper
93 100
66 162.4 67.0 100.4#
65 104.7 40.4 60.6#

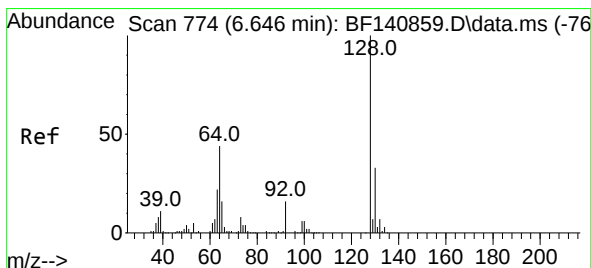
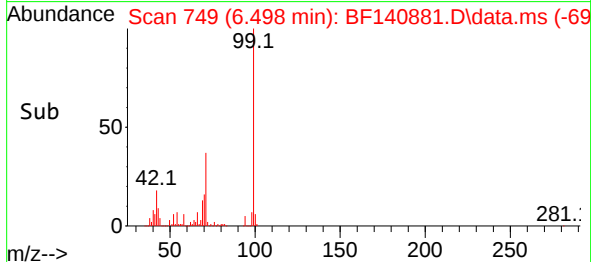
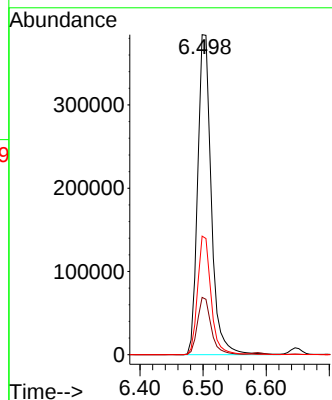
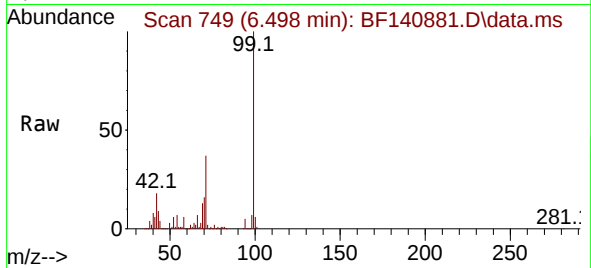




#7
Phenol-d6
Concen: 114.365 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

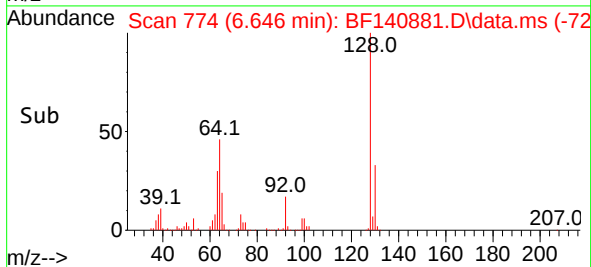
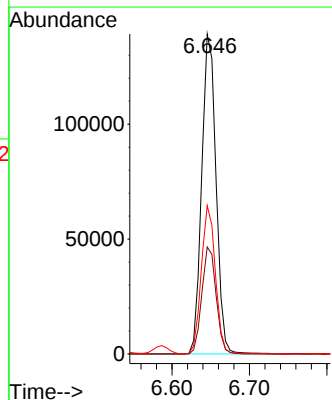
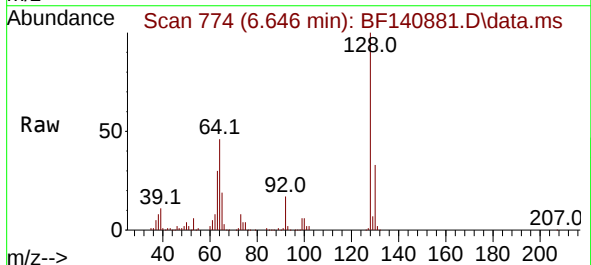
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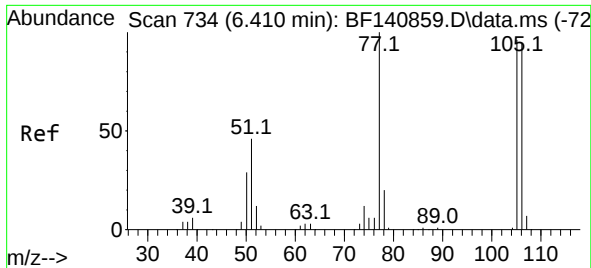
Tgt Ion: 99 Resp: 574159
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 37.0 29.9 44.9



#8
2-Chlorophenol
Concen: 43.241 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion: 128 Resp: 178732
Ion Ratio Lower Upper
128 100
130 33.5 12.9 52.9
64 46.4 24.3 64.3





#9

Benzaldehyde

Concen: 2.195 ng

RT: 6.428 min Scan# 710

Delta R.T. 0.018 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

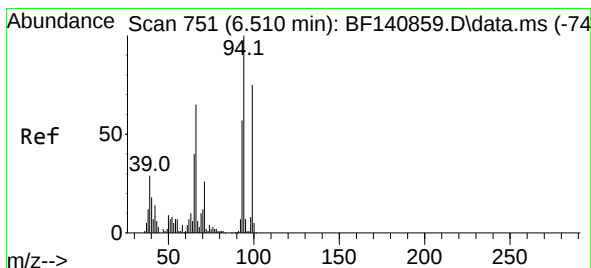
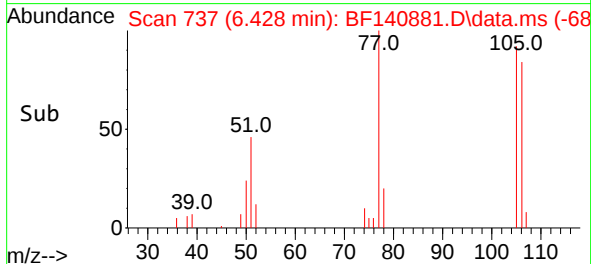
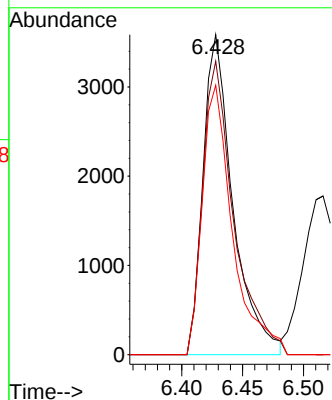
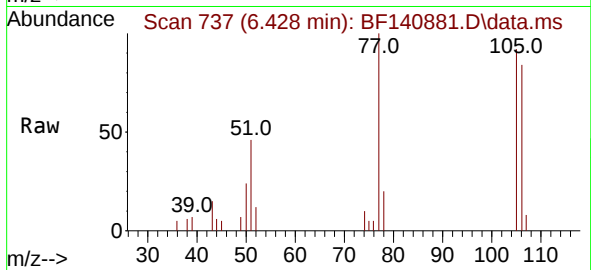
Tgt Ion: 77 Resp: 6105

Ion Ratio Lower Upper

77 100

105 91.7 75.8 115.8

106 84.2 74.1 114.1



#10

Phenol

Concen: 38.496 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

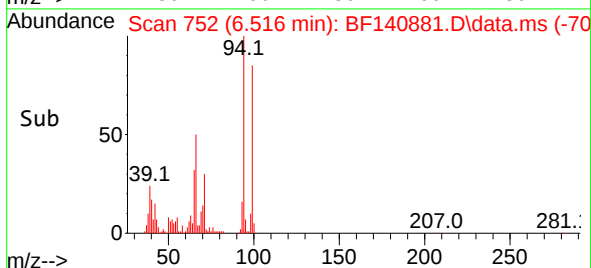
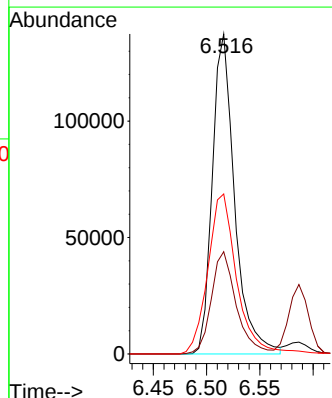
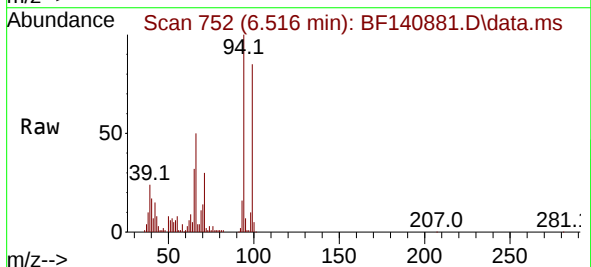
Tgt Ion: 94 Resp: 200307

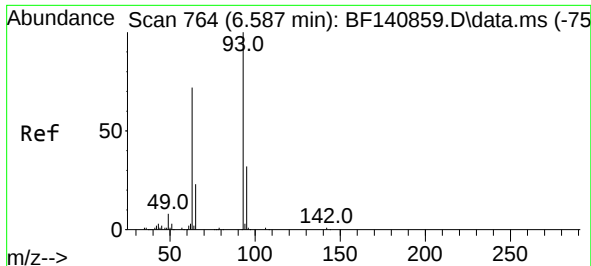
Ion Ratio Lower Upper

94 100

65 32.0 19.9 59.9

66 50.0 45.6 85.6

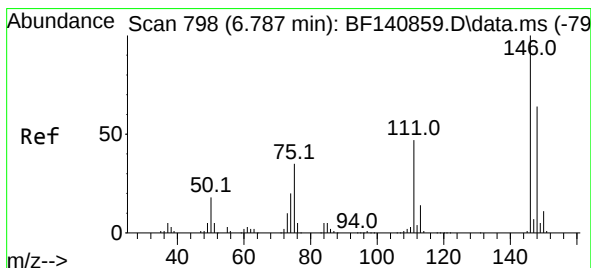
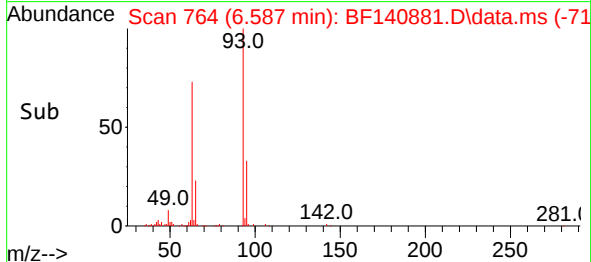
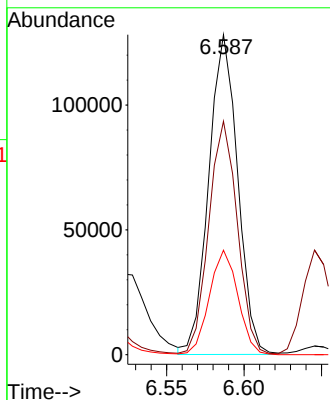
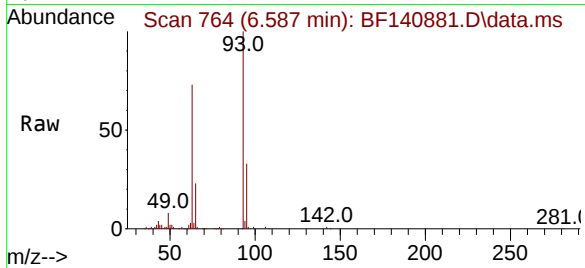




#11
bis(2-Chloroethyl)ether
Concen: 42.912 ng
RT: 6.587 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

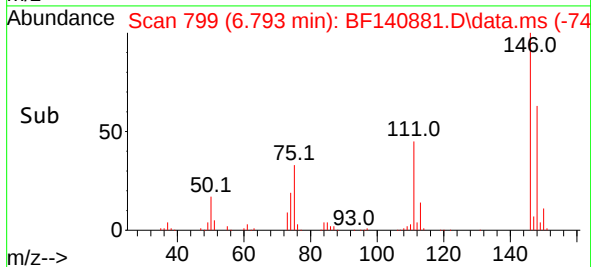
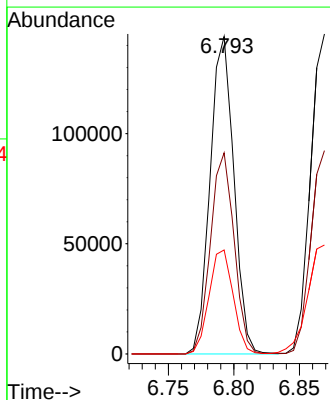
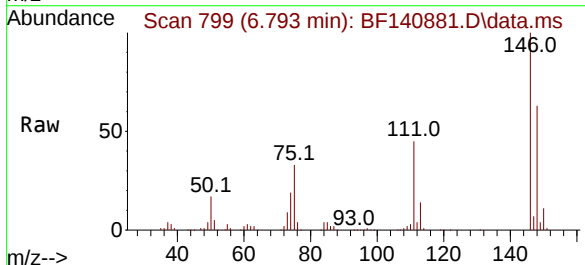
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 93 Resp: 166515
Ion Ratio Lower Upper
93 100
63 73.0 51.0 91.0
95 32.6 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 38.553 ng
RT: 6.793 min Scan# 799
Delta R.T. 0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:146 Resp: 181584
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 32.8 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 38.694 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

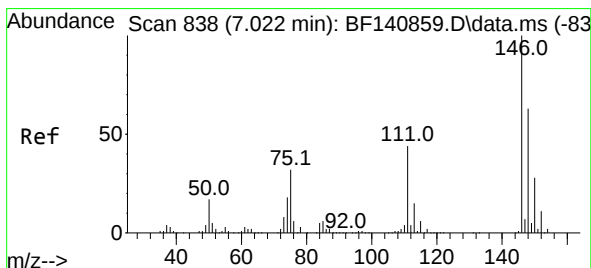
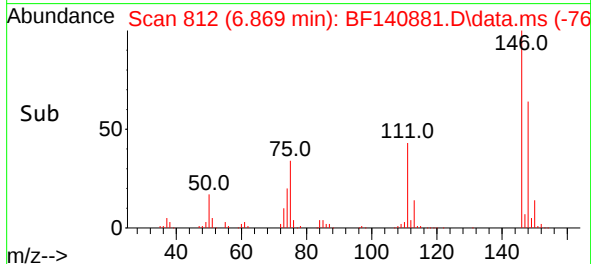
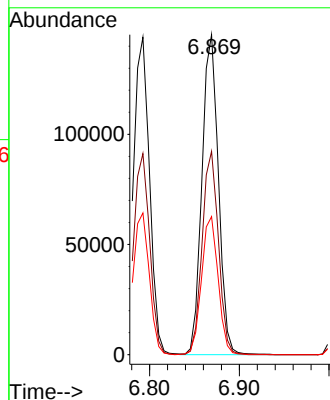
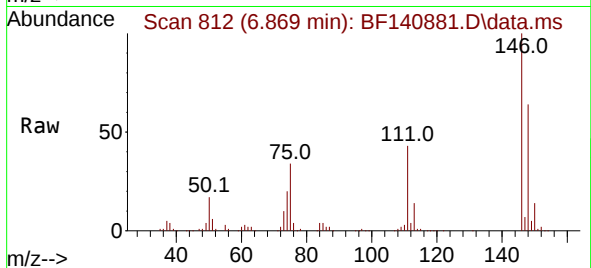
Tgt Ion:146 Resp: 184995

Ion Ratio Lower Upper

146 100

148 63.6 51.3 76.9

111 43.1 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 38.870 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

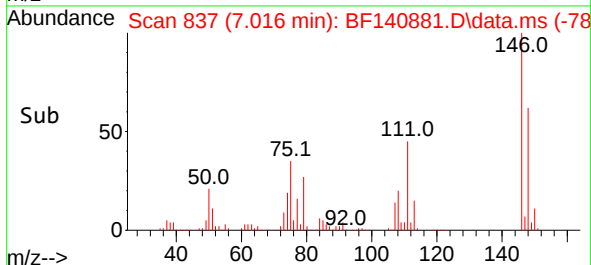
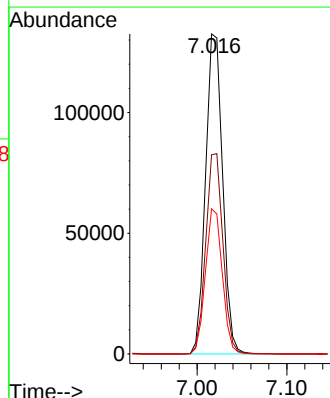
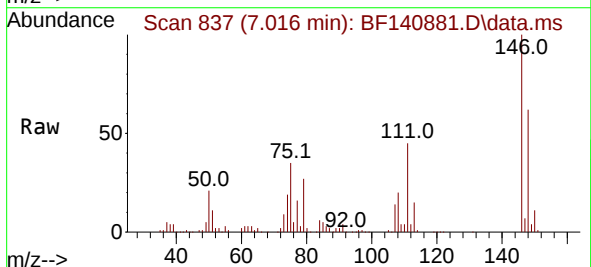
Tgt Ion:146 Resp: 175338

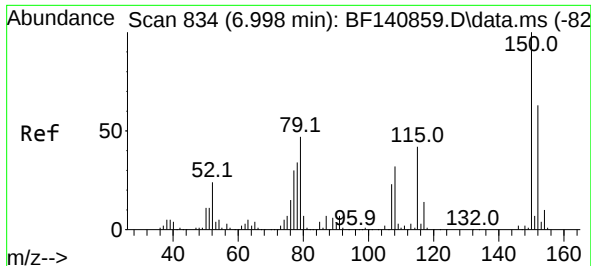
Ion Ratio Lower Upper

146 100

148 62.2 50.0 75.0

111 45.4 35.6 53.4

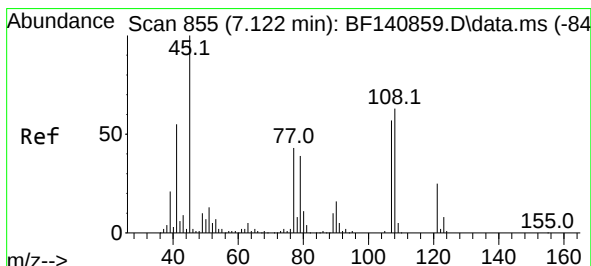
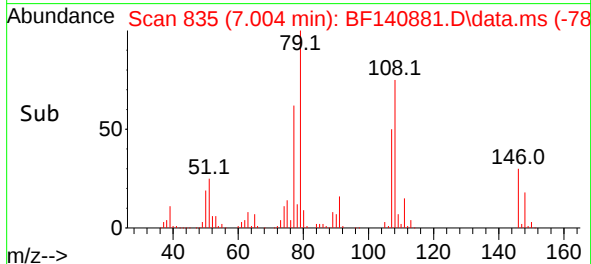
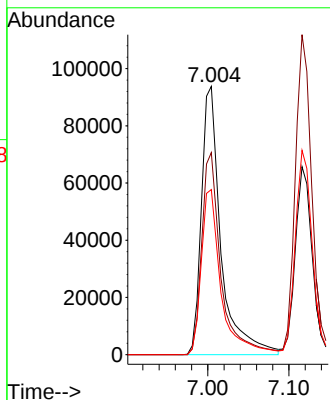
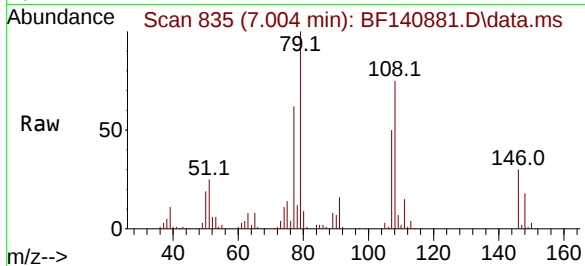




#15
Benzyl Alcohol
Concen: 43.820 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

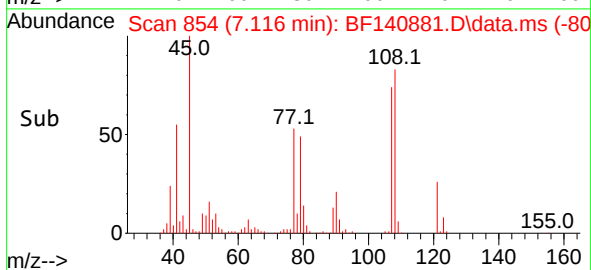
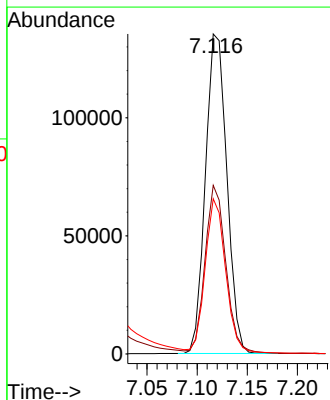
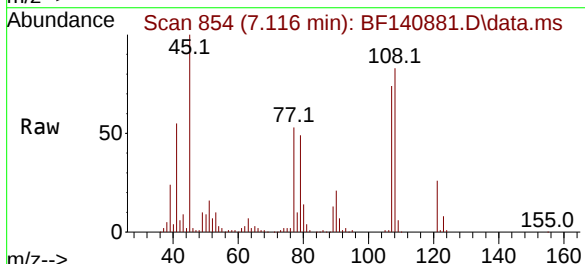
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

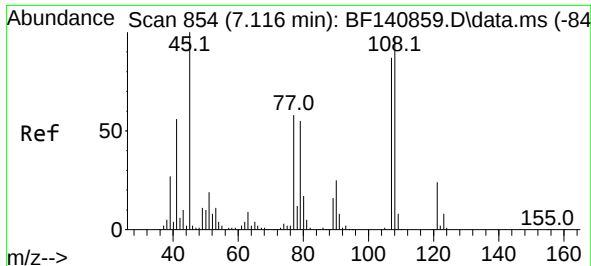
Tgt Ion: 79 Resp: 157297
Ion Ratio Lower Upper
79 100
108 75.3 55.1 82.7
77 61.5 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.064 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion: 45 Resp: 201426
Ion Ratio Lower Upper
45 100
77 52.7 23.3 63.3
79 48.5 20.0 60.0

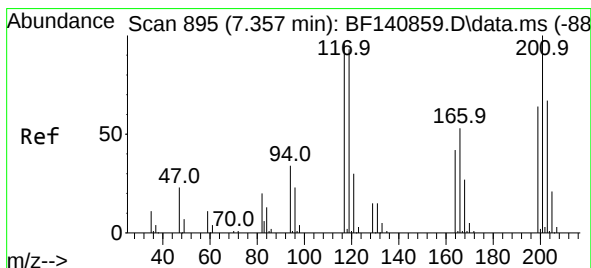
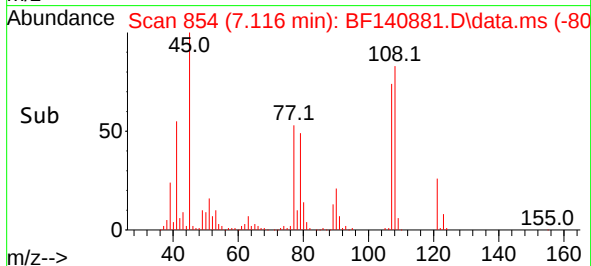
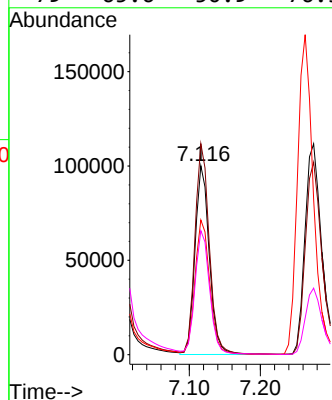
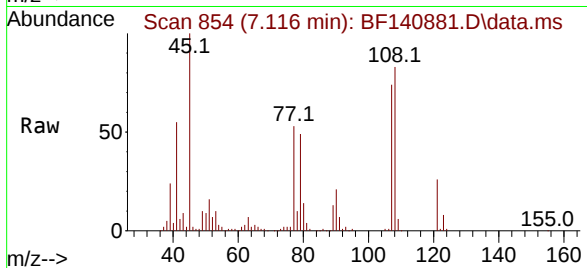




#17
2-Methylphenol
Concen: 42.636 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

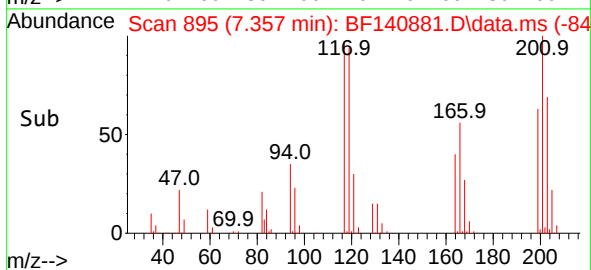
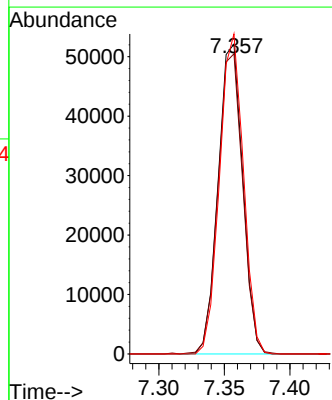
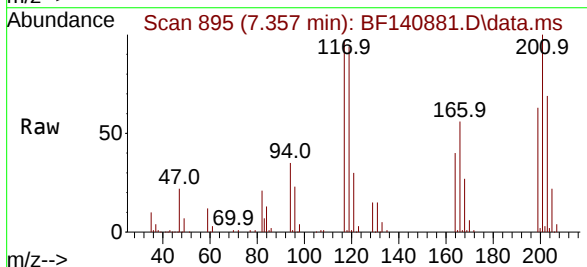
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

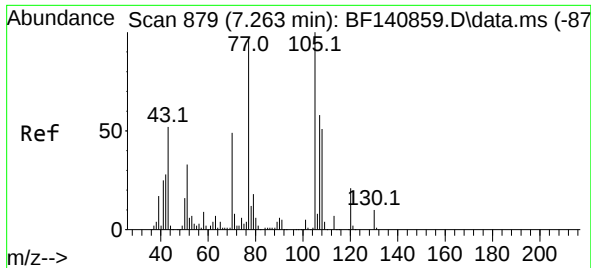
Tgt Ion:	107	Resp:	140700
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.4
77	71.3	53.8	80.6
79	65.6	50.9	76.3



#18
Hexachloroethane
Concen: 38.110 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:	117	Resp:	67829
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.4	116.0
201	103.3	83.4	125.0

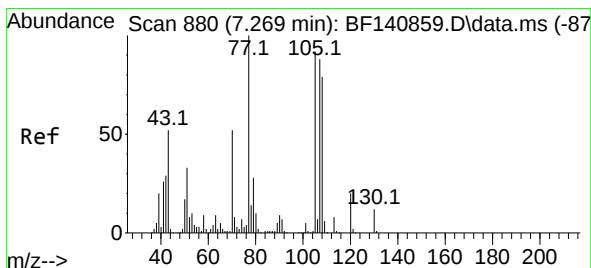
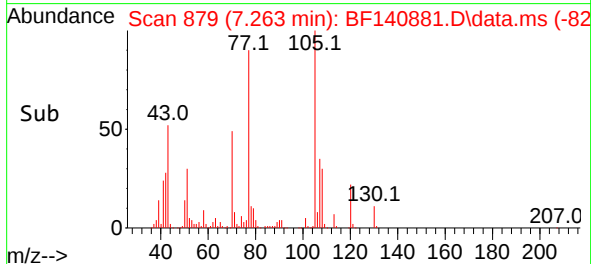
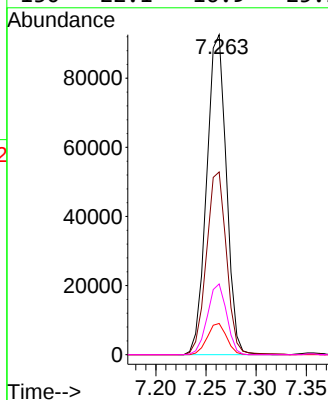
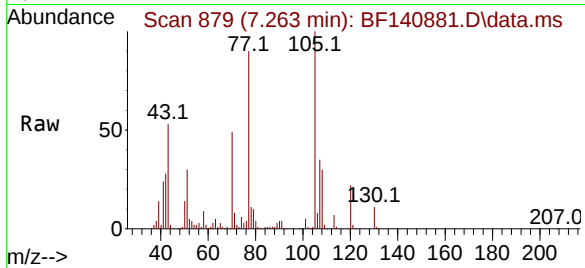




#19
n-Nitroso-di-n-propylamine
Concen: 42.112 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

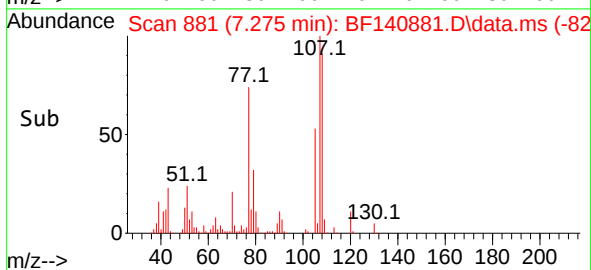
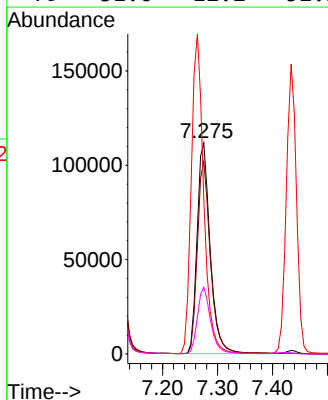
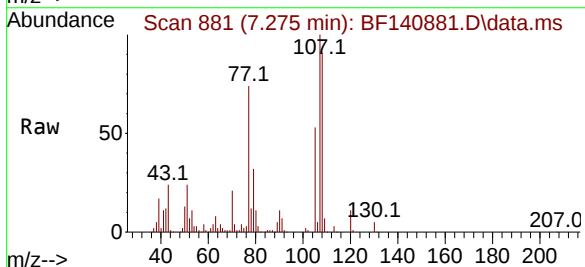
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

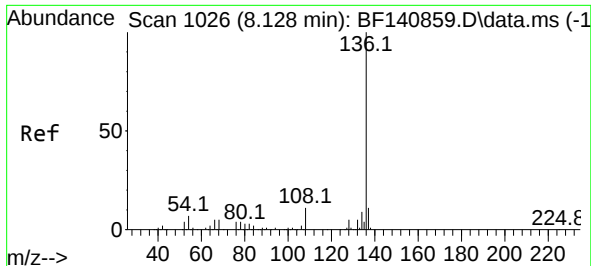
Tgt Ion: 70 Resp: 126821
Ion Ratio Lower Upper
70 100
42 57.1 45.3 67.9
101 9.8 8.0 12.0
130 22.1 16.9 25.3



#20
3+4-Methylphenols
Concen: 42.519 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:107 Resp: 186060
Ion Ratio Lower Upper
107 100
108 91.3 70.1 110.1
77 73.6 94.4 134.4#
79 31.6 12.2 52.2

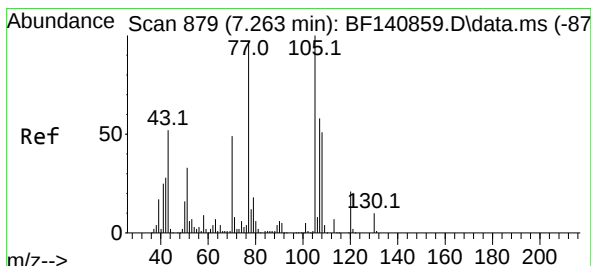
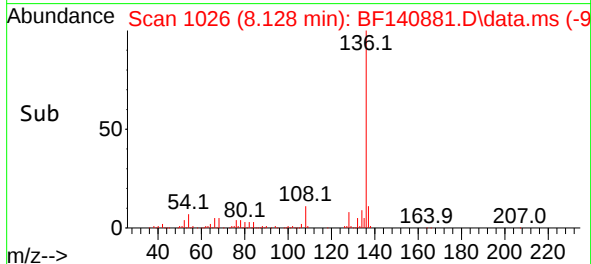
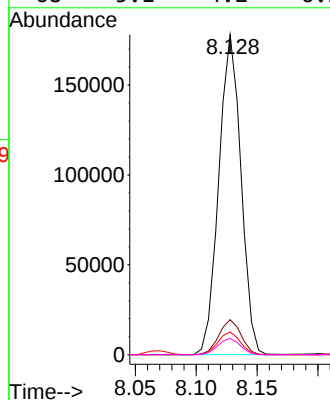
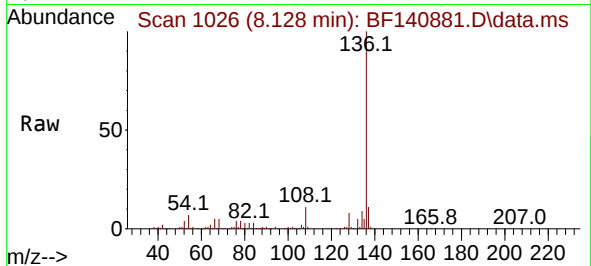




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

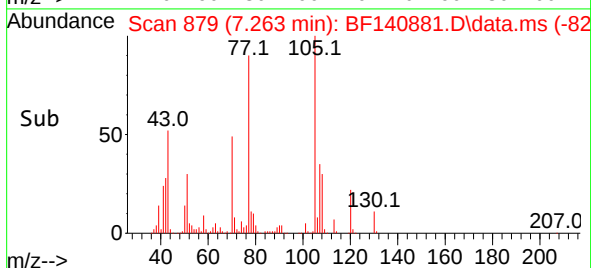
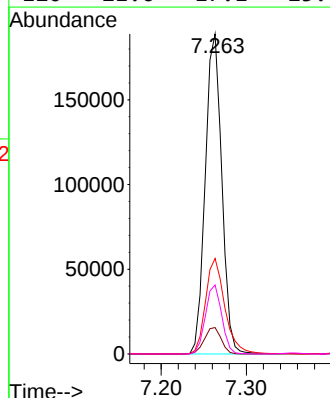
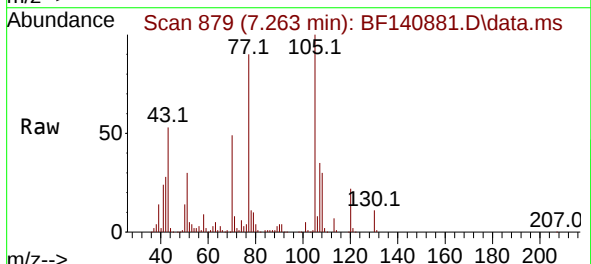
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

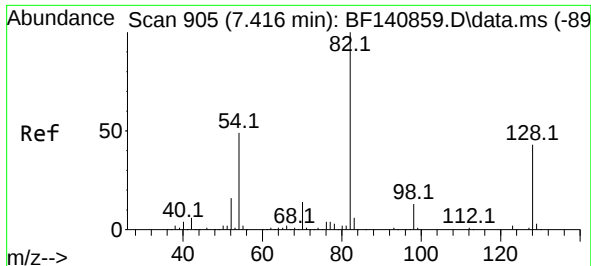
Tgt Ion:	136	Resp:	225657
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.1	5.6	8.4
68	5.1	4.2	6.2



#22
Acetophenone
Concen: 45.166 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:	105	Resp:	254955
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.2	9.4
51	29.8	26.3	39.5
120	21.6	17.1	25.7





#23

Nitrobenzene-d5

Concen: 90.865 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

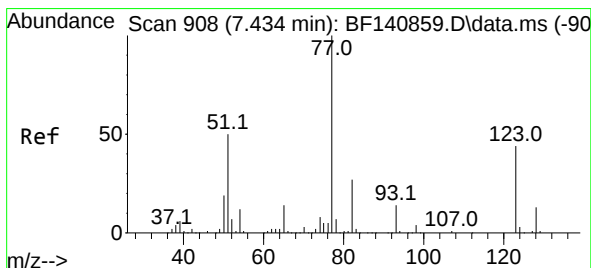
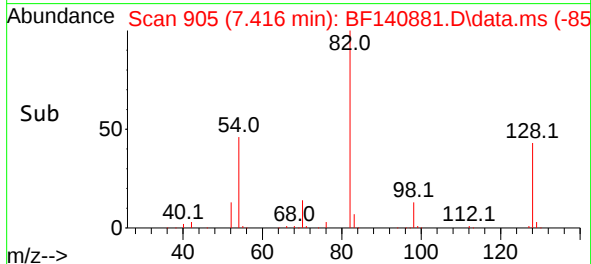
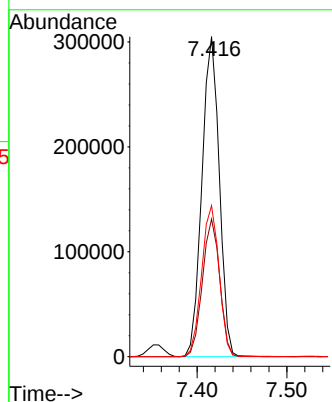
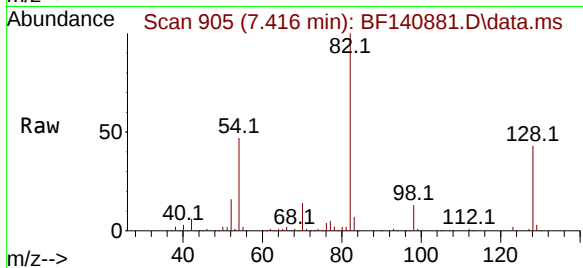
Tgt Ion: 82 Resp: 409831

Ion Ratio Lower Upper

82 100

128 43.0 34.4 51.6

54 47.2 38.8 58.2



#24

Nitrobenzene

Concen: 42.425 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

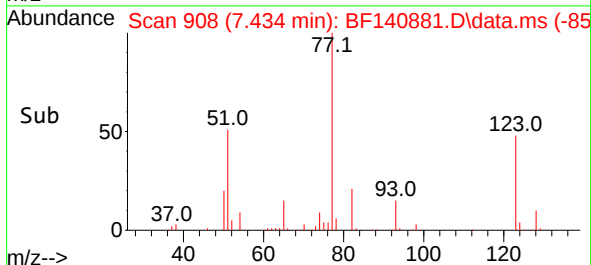
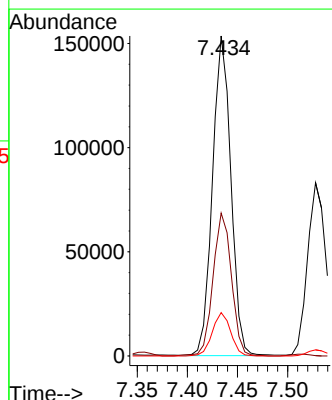
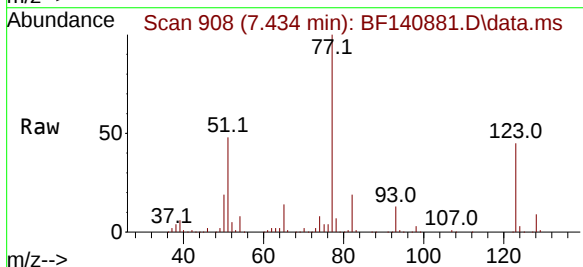
Tgt Ion: 77 Resp: 196033

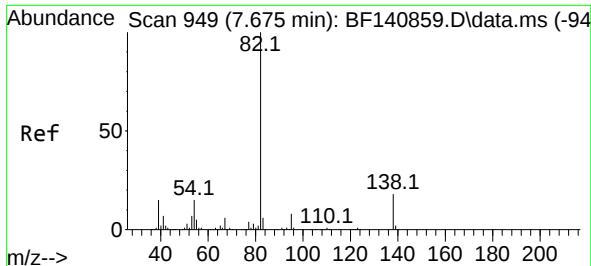
Ion Ratio Lower Upper

77 100

123 44.6 35.0 52.4

65 13.6 11.4 17.0

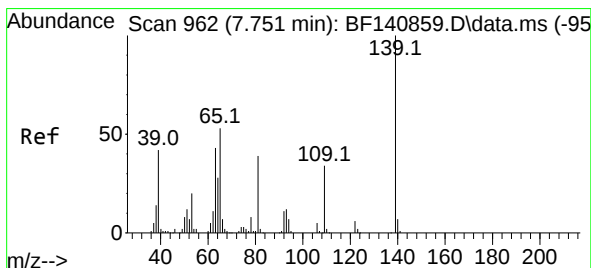
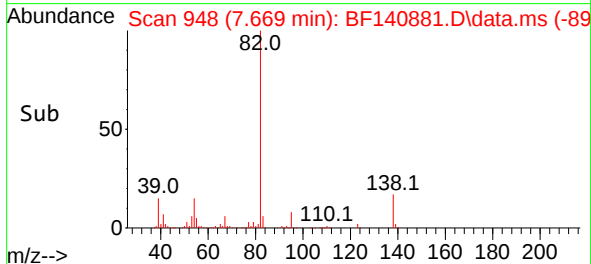
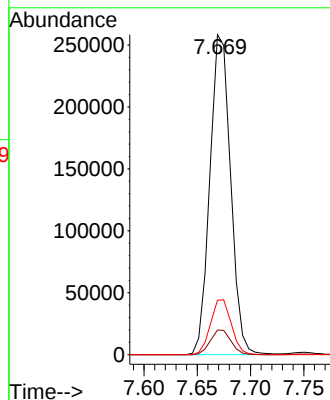
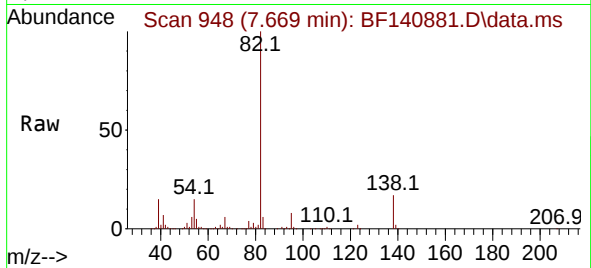




#25
Isophorone
Concen: 46.336 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

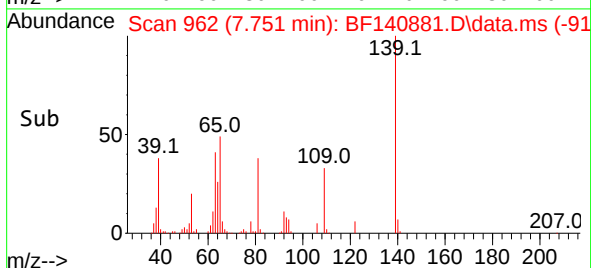
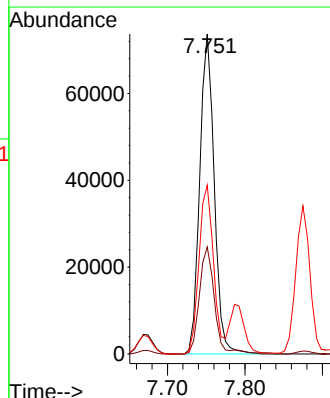
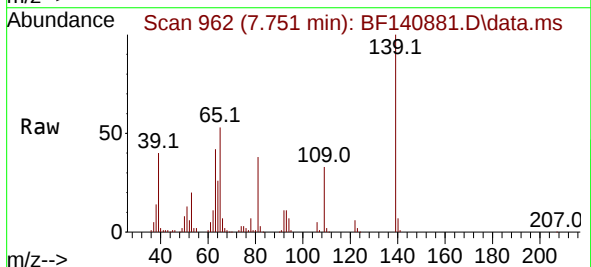
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Tgt Ion: 82 Resp: 350176
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.0 14.1 21.1



#26
2-Nitrophenol
Concen: 45.049 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:139 Resp: 95870
Ion Ratio Lower Upper
139 100
109 33.5 26.9 40.3
65 52.7 42.6 64.0

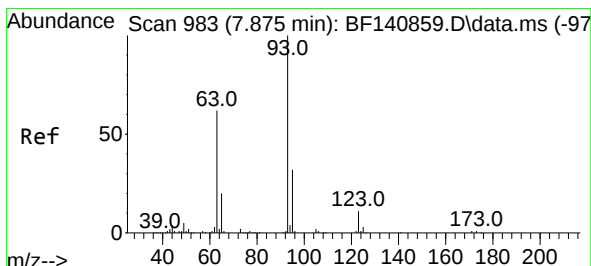
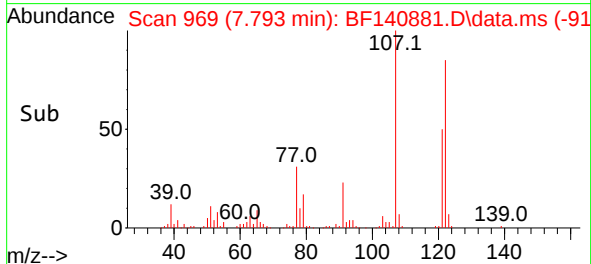
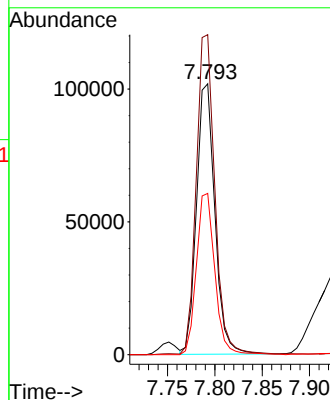
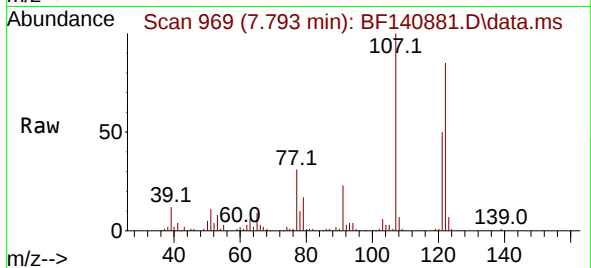




#27
2,4-Dimethylphenol
Concen: 55.366 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

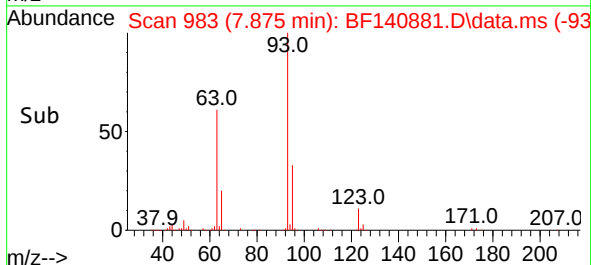
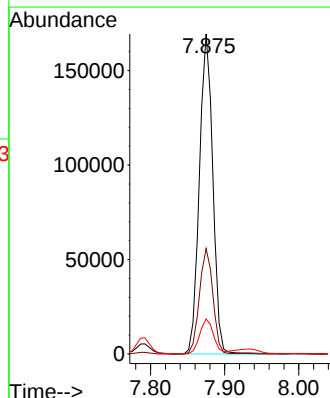
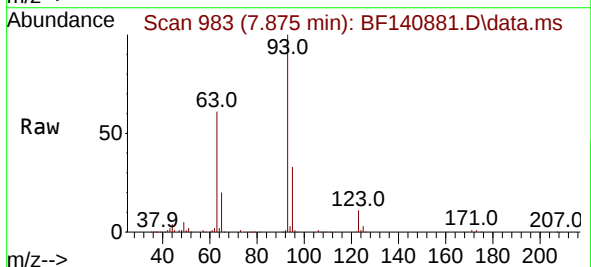
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

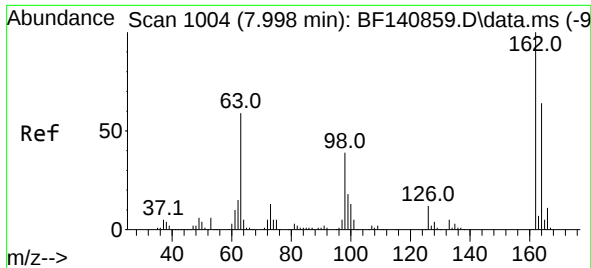
Tgt Ion:122 Resp: 137602
Ion Ratio Lower Upper
122 100
107 118.1 92.6 139.0
121 59.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 45.144 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion: 93 Resp: 213086
Ion Ratio Lower Upper
93 100
95 32.9 25.3 37.9
123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 44.338 ng

RT: 8.004 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

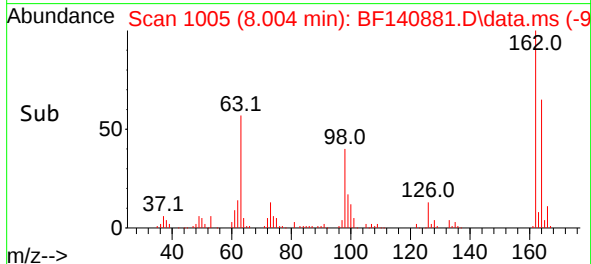
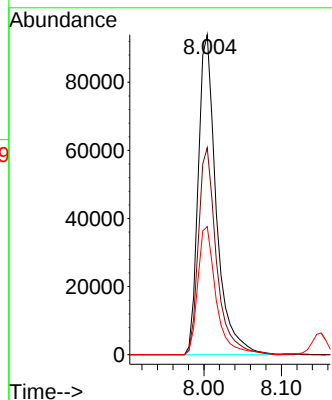
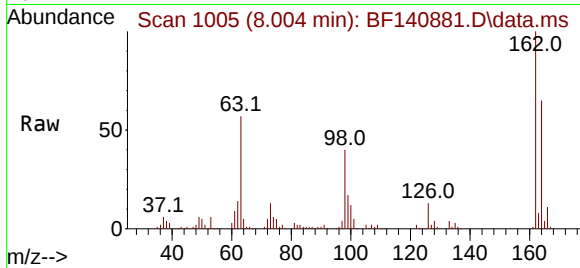
Tgt Ion:162 Resp: 152136

Ion Ratio Lower Upper

162 100

164 64.7 43.7 83.7

98 40.1 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 40.259 ng

RT: 8.069 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

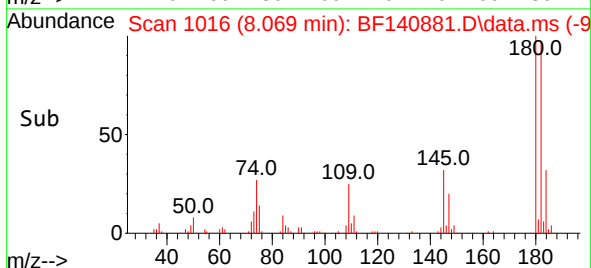
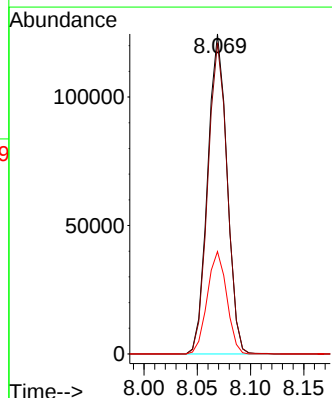
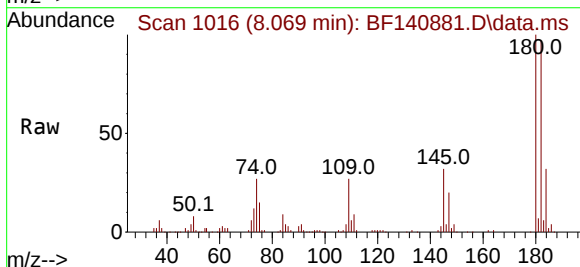
Tgt Ion:180 Resp: 158355

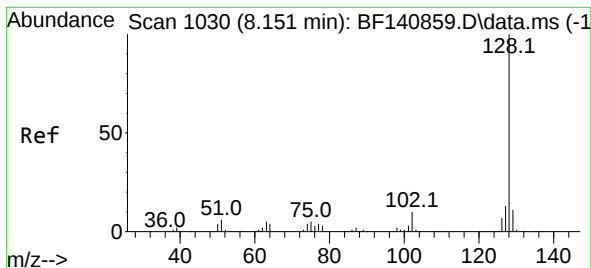
Ion Ratio Lower Upper

180 100

182 97.3 75.8 113.6

145 32.0 25.2 37.8





#31

Naphthalene

Concen: 43.132 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

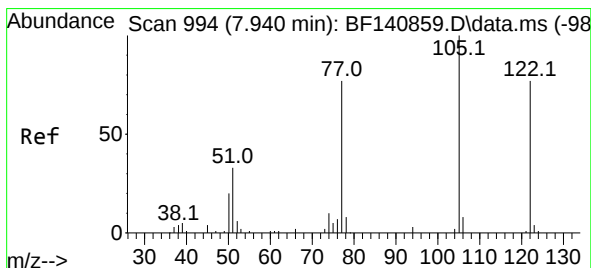
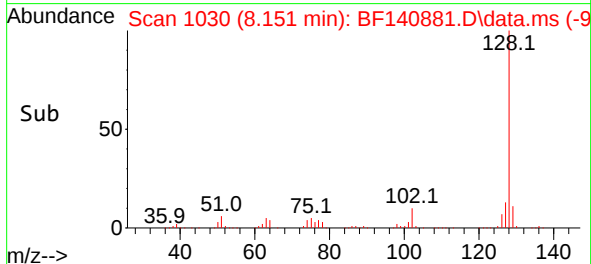
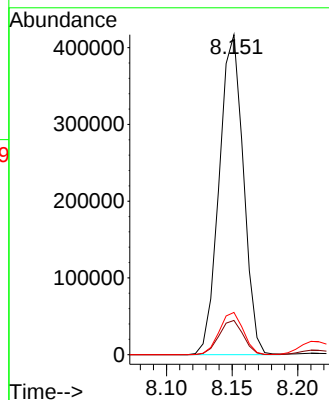
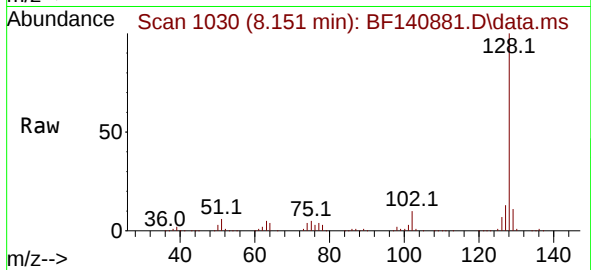
Tgt Ion:128 Resp: 534645

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 41.277 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

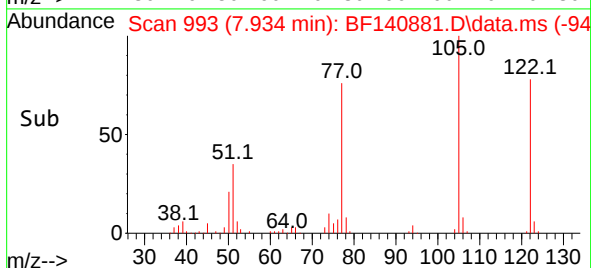
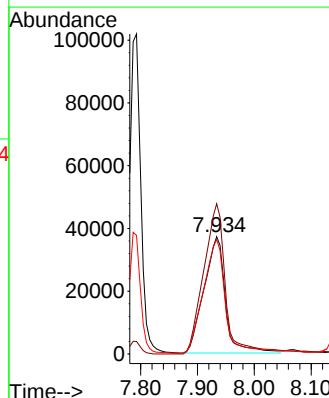
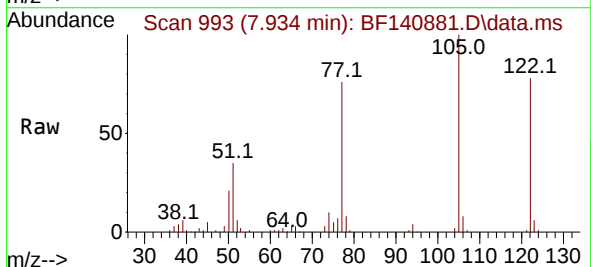
Tgt Ion:122 Resp: 97295

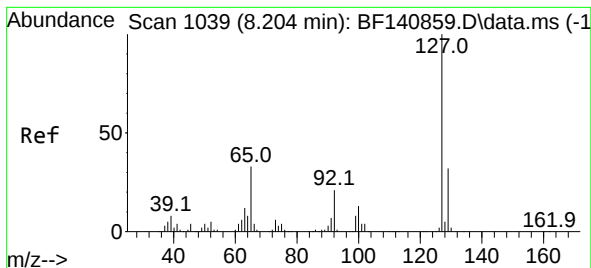
Ion Ratio Lower Upper

122 100

105 128.1 108.3 148.3

77 97.6 78.8 118.8





#33

4-Chloroaniline

Concen: 8.961 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

Tgt Ion:127 Resp: 36891

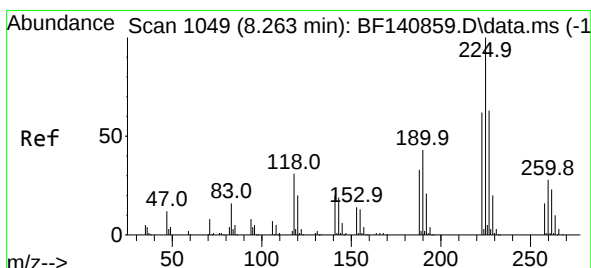
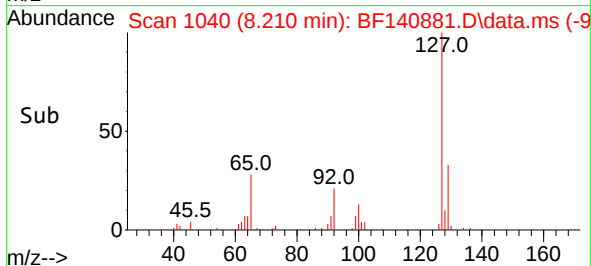
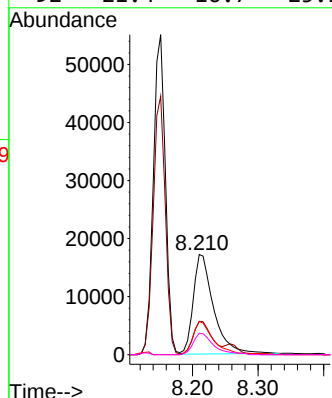
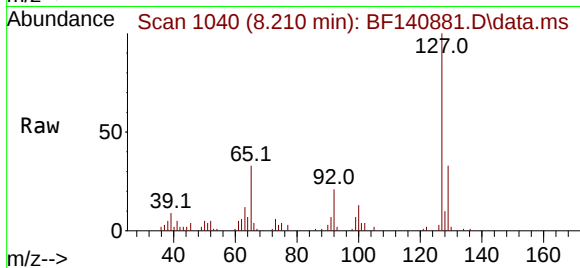
Ion Ratio Lower Upper

127 100

129 33.4 26.0 39.0

65 33.1 26.0 39.0

92 21.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 40.721 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

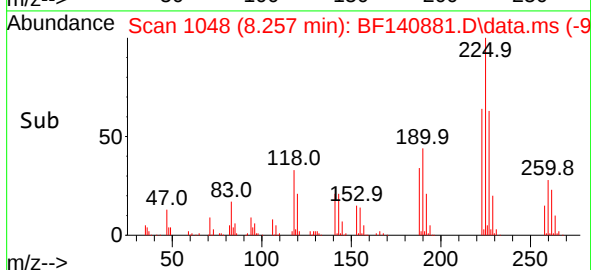
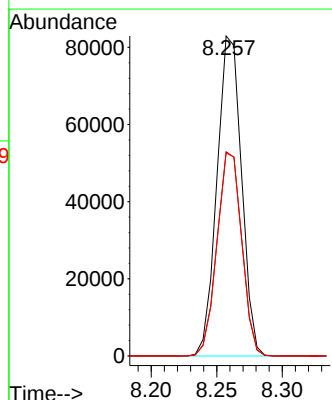
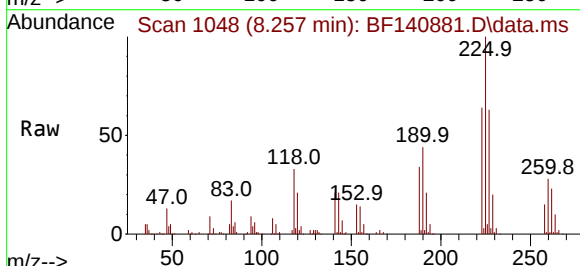
Tgt Ion:225 Resp: 107766

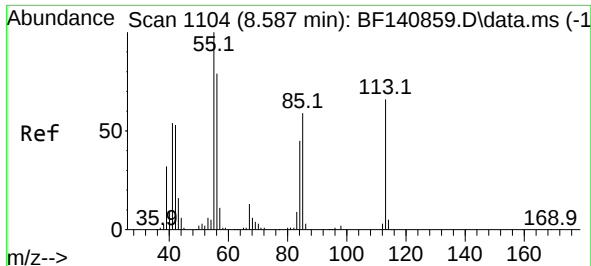
Ion Ratio Lower Upper

225 100

223 63.8 49.6 74.4

227 63.5 50.7 76.1

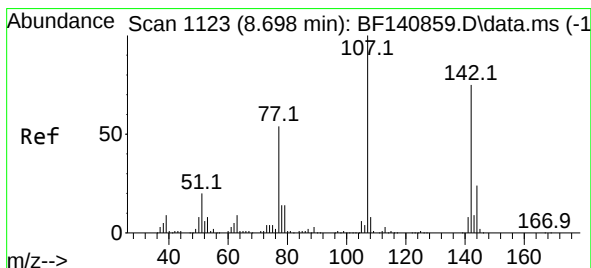
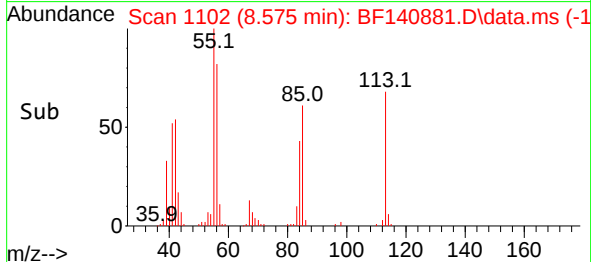
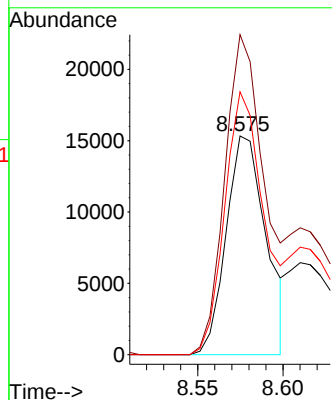
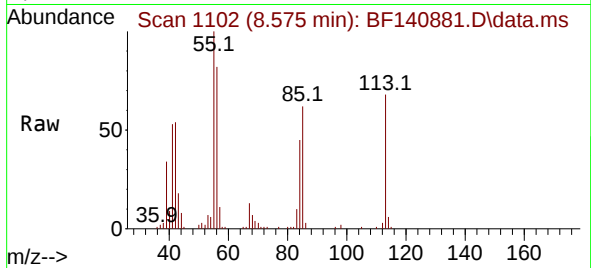




#35
Caprolactam
Concen: 24.400 ng
RT: 8.575 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

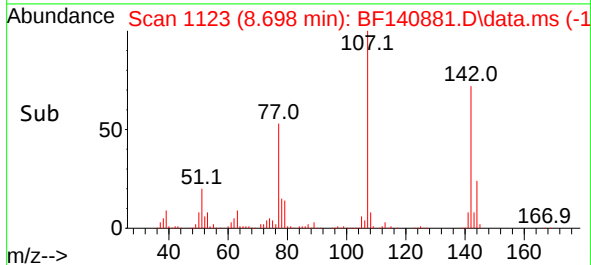
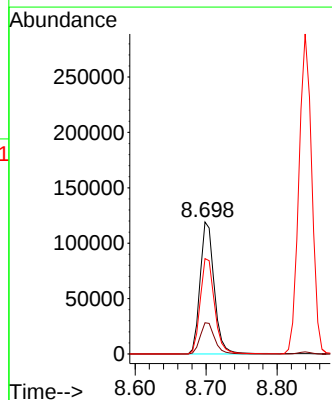
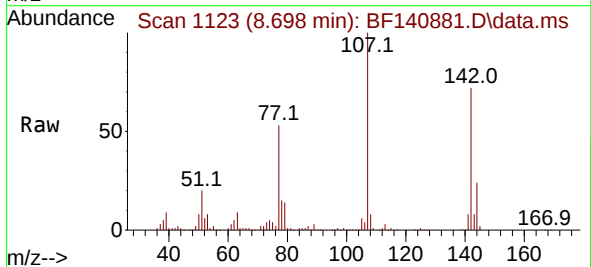
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

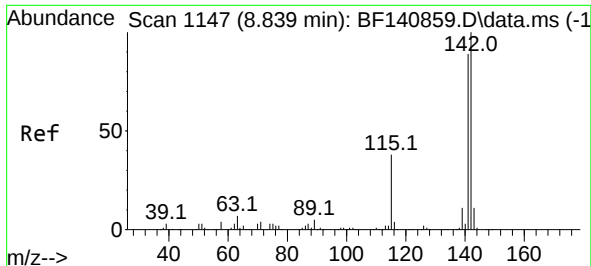
Tgt Ion:113 Resp: 24925
Ion Ratio Lower Upper
113 100
55 146.3 132.3 172.3
56 120.1 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 42.817 ng
RT: 8.698 min Scan# 1123
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:107 Resp: 165358
Ion Ratio Lower Upper
107 100
144 23.7 19.4 29.2
142 72.3 60.3 90.5

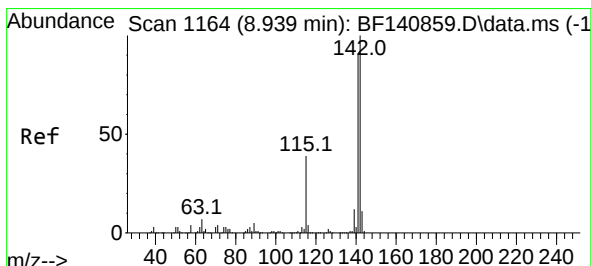
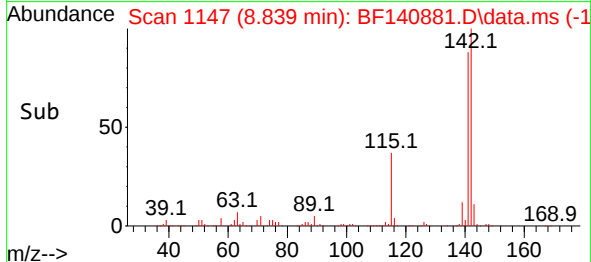
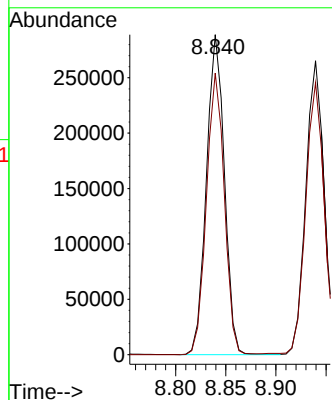
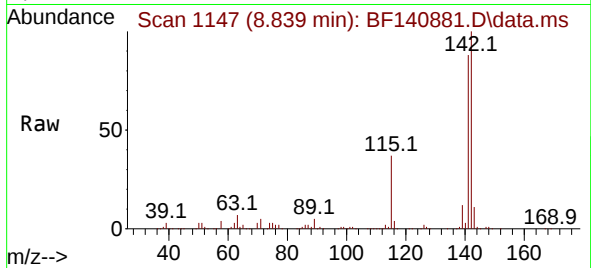




#37
2-Methylnaphthalene
Concen: 44.082 ng
RT: 8.839 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

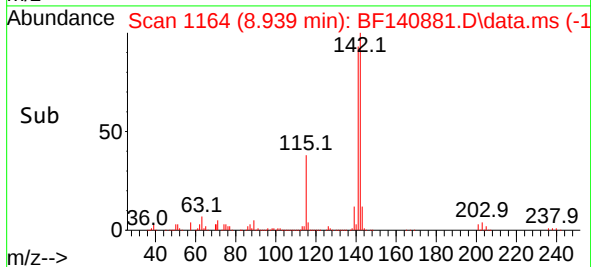
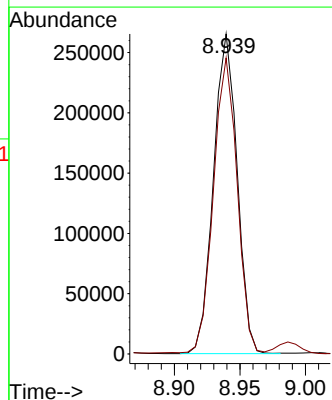
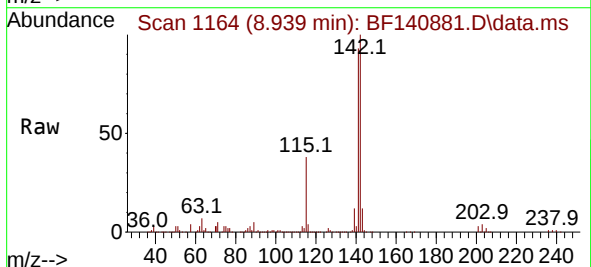
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

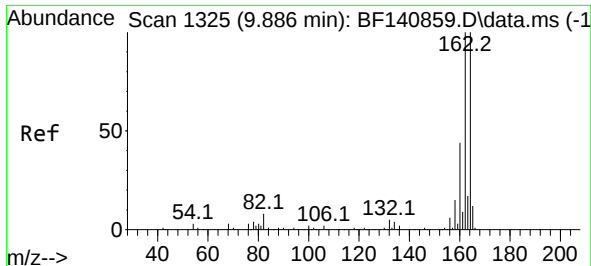
Tgt Ion:142 Resp: 361459
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6



#38
1-Methylnaphthalene
Concen: 41.051 ng
RT: 8.939 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:142 Resp: 332893
Ion Ratio Lower Upper
142 100
141 92.5 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.881 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

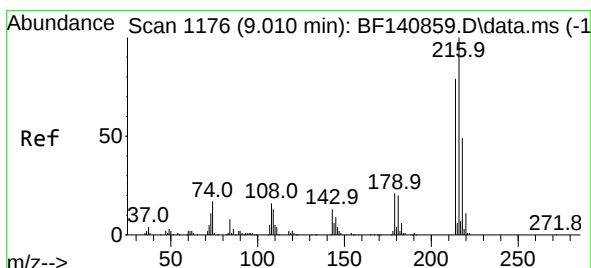
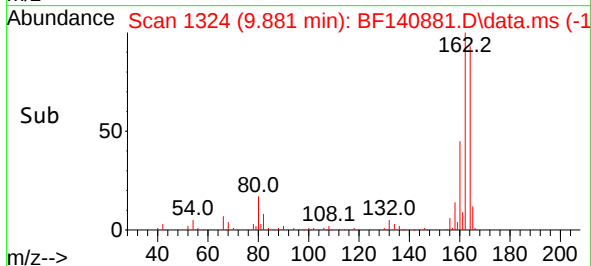
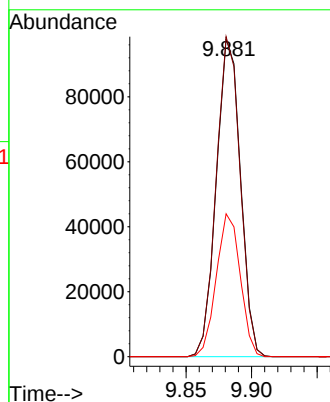
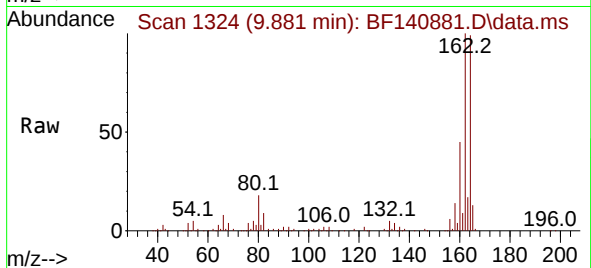
Tgt Ion:164 Resp: 125106

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

160 45.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.760 ng

RT: 9.004 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Tgt Ion:216 Resp: 179806

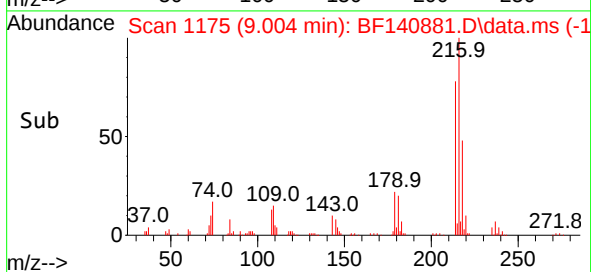
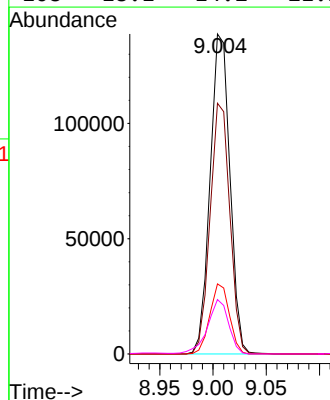
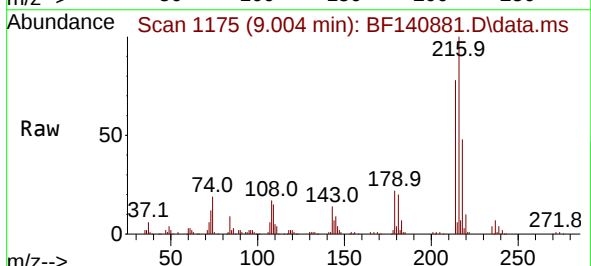
Ion Ratio Lower Upper

216 100

214 78.1 63.6 95.4

179 21.5 17.0 25.4

108 18.1 14.2 21.2

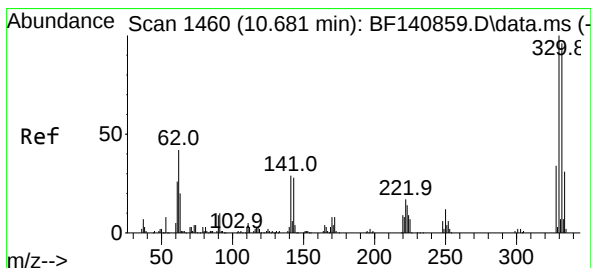
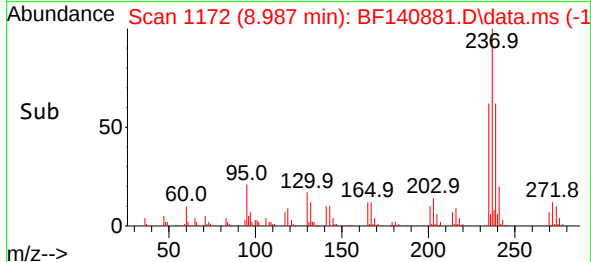
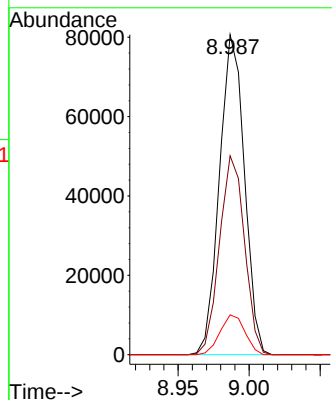
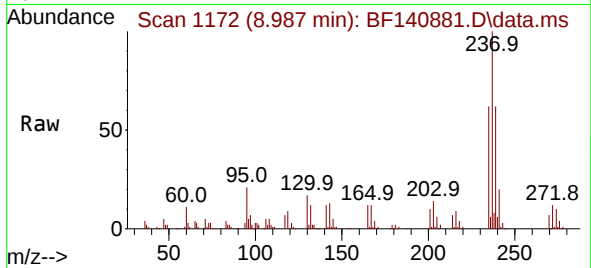




#41
Hexachlorocyclopentadiene
Concen: 74.663 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

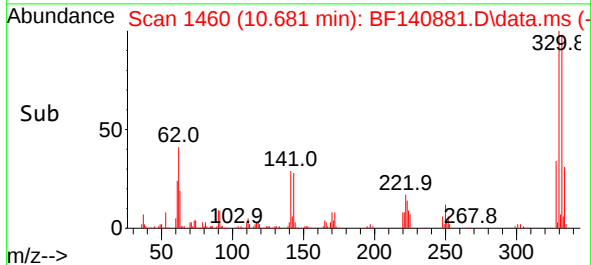
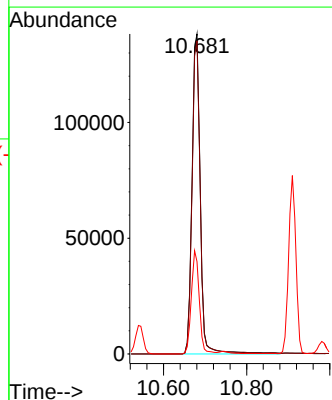
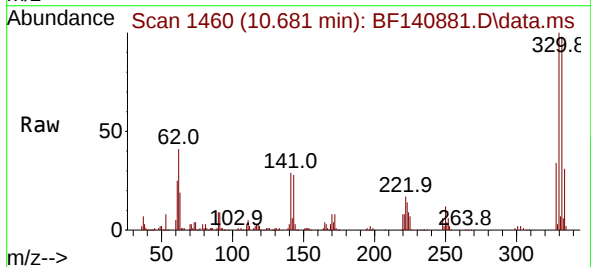
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

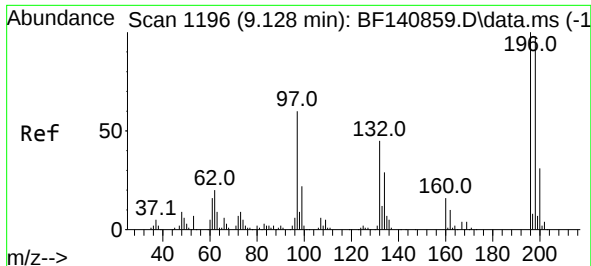
Tgt Ion:	237	Resp:	98451
Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.7	83.7
272	12.5	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 128.779 ng
RT: 10.681 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:	330	Resp:	190547
Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.2	114.4
141	31.1	24.9	37.3

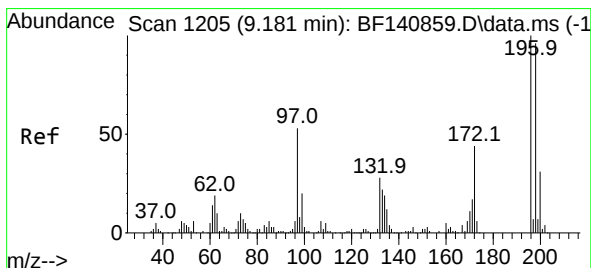
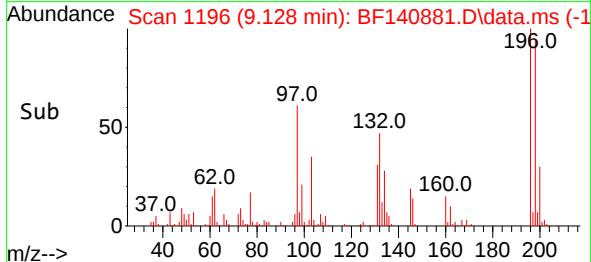
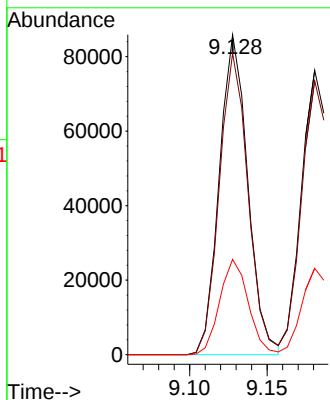
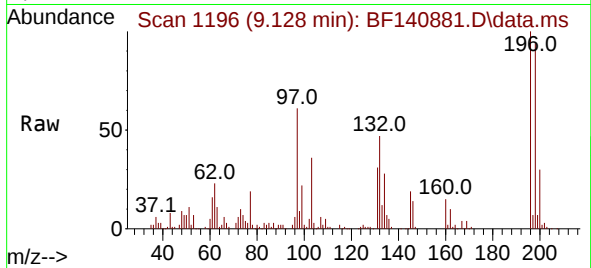




#43
2,4,6-Trichlorophenol
Concen: 46.628 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

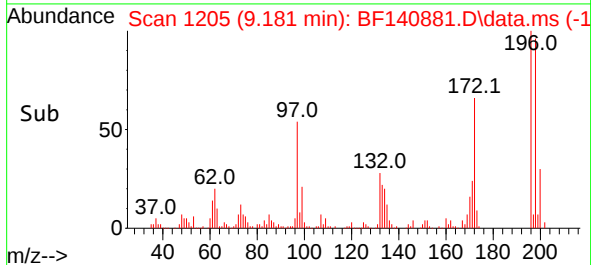
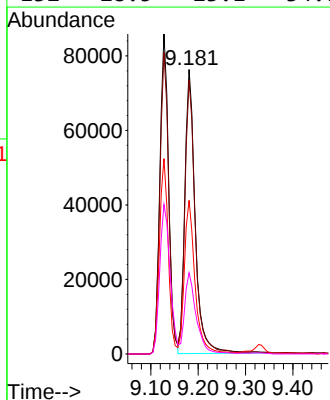
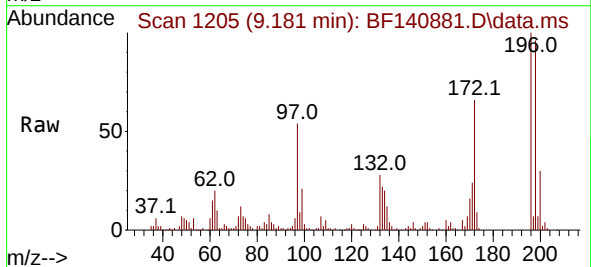
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

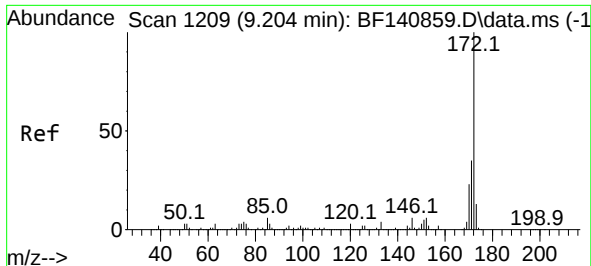
Tgt Ion:196 Resp: 109789
Ion Ratio Lower Upper
196 100
198 94.2 77.4 116.0
200 29.8 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 45.061 ng
RT: 9.181 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:196 Resp: 116618
Ion Ratio Lower Upper
196 100
198 96.3 77.2 115.8
97 54.0 42.2 63.4
132 28.5 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 90.017 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

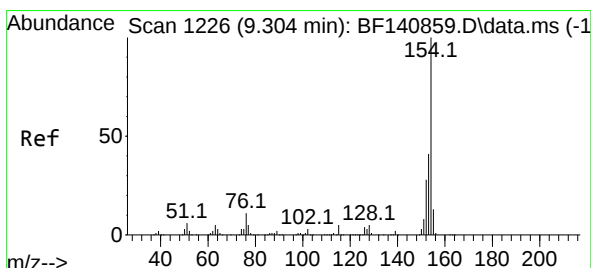
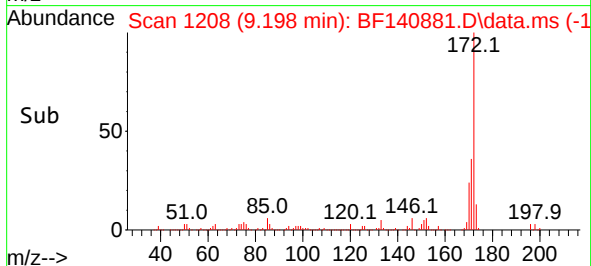
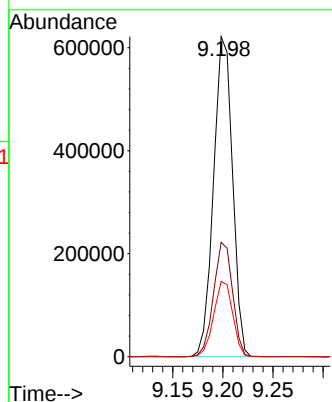
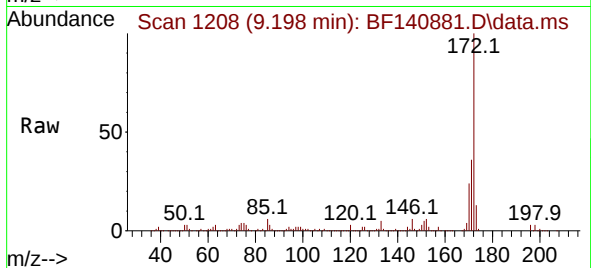
Tgt Ion:172 Resp: 819120

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 46.095 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

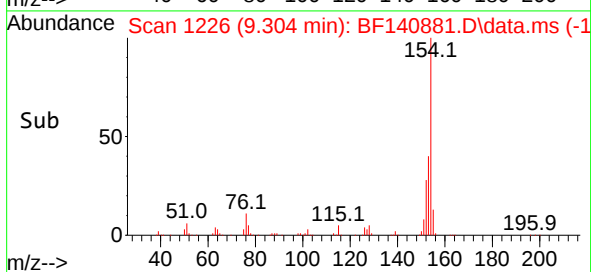
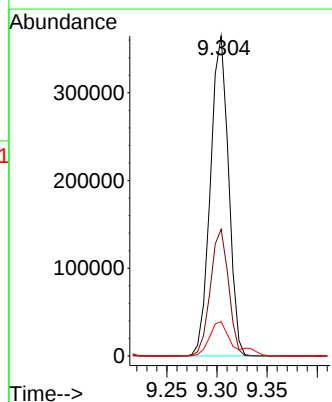
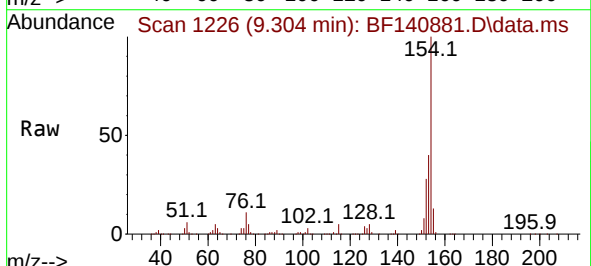
Tgt Ion:154 Resp: 458559

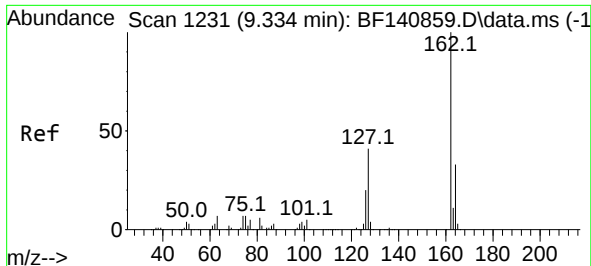
Ion Ratio Lower Upper

154 100

153 39.6 20.8 60.8

76 10.7 0.0 31.0





#47

2-Chloronaphthalene

Concen: 44.036 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

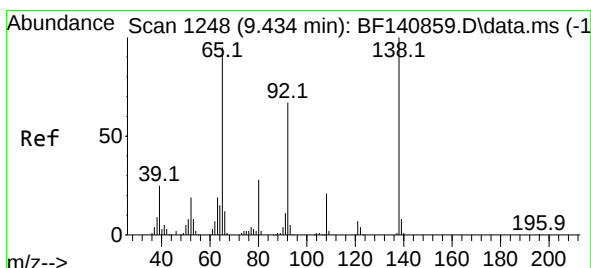
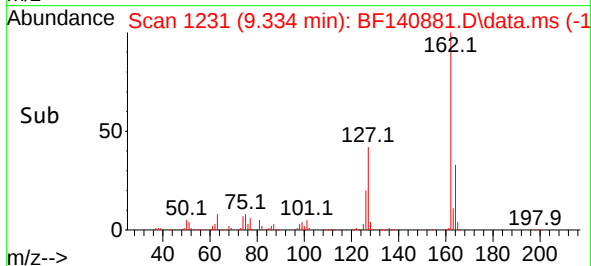
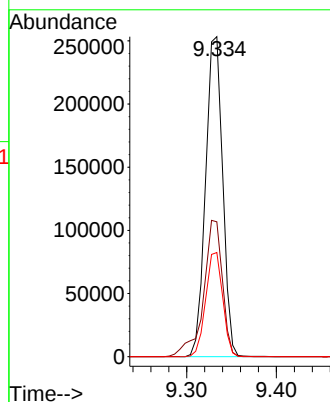
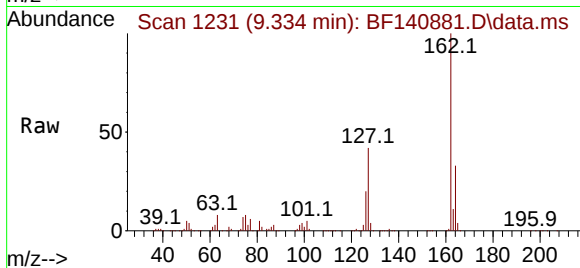
Tgt Ion:162 Resp: 335137

Ion Ratio Lower Upper

162 100

127 42.1 33.5 50.3

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 43.907 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

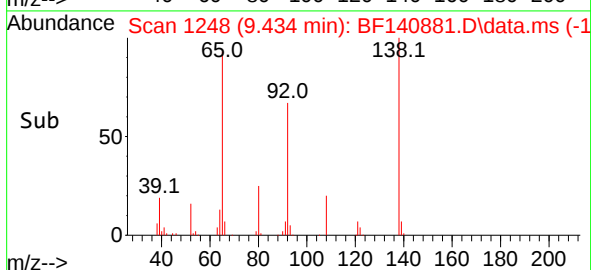
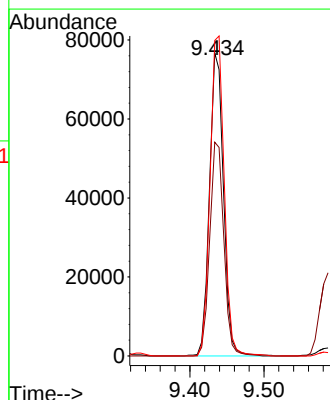
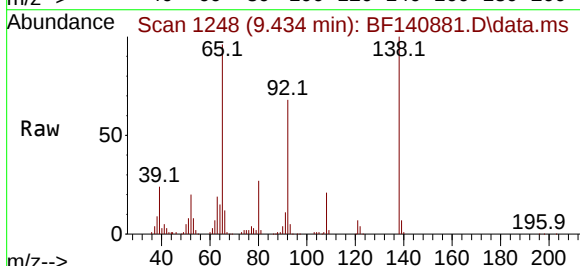
Tgt Ion: 65 Resp: 100919

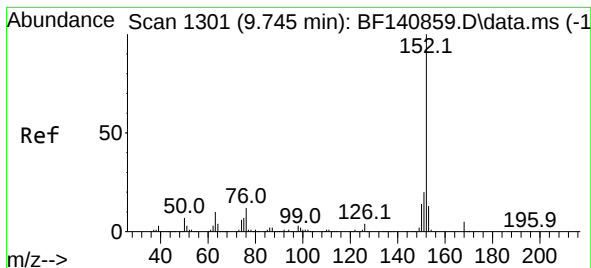
Ion Ratio Lower Upper

65 100

92 70.5 56.3 84.5

138 104.1 83.8 125.6





#49

Acenaphthylene

Concen: 48.545 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

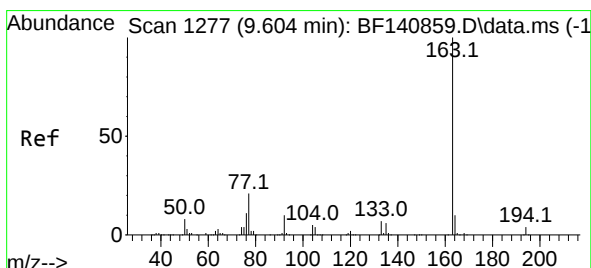
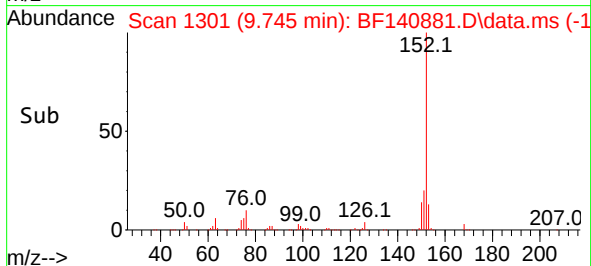
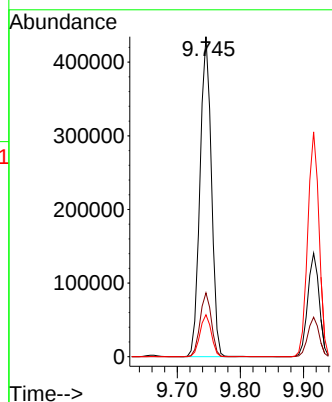
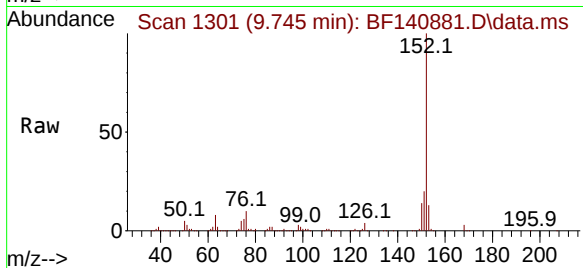
Tgt Ion:152 Resp: 542942

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 45.307 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

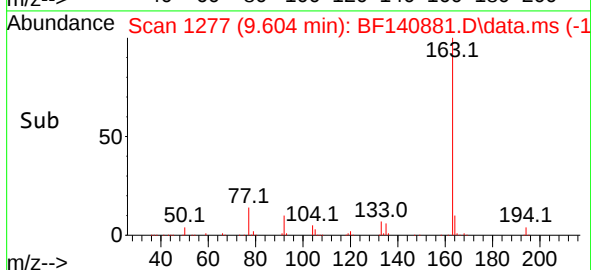
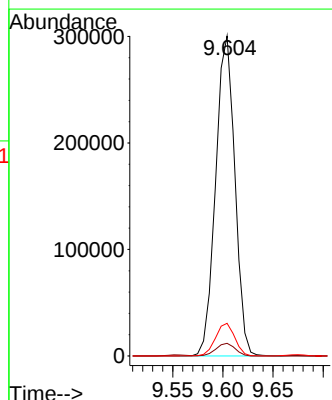
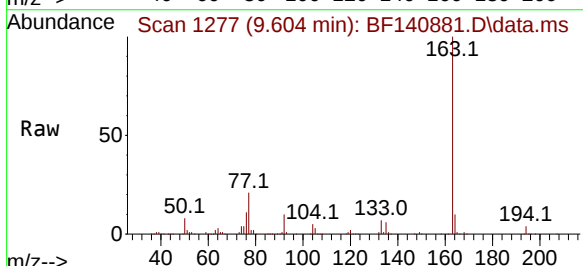
Tgt Ion:163 Resp: 399616

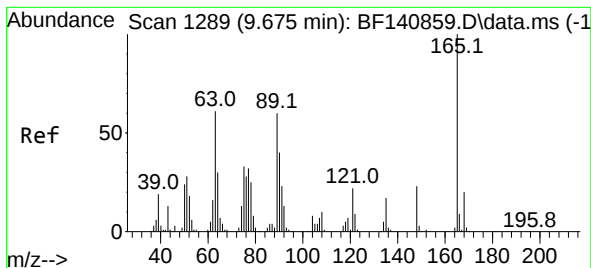
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1

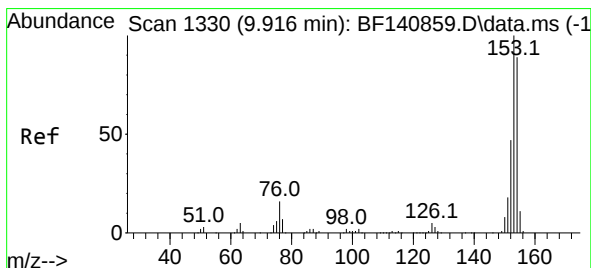
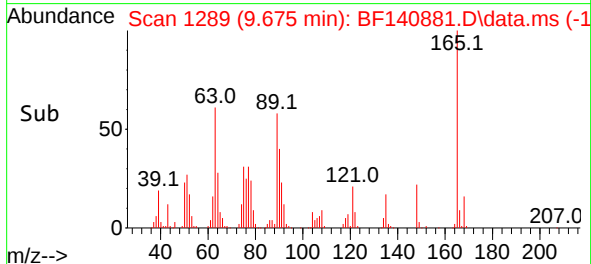
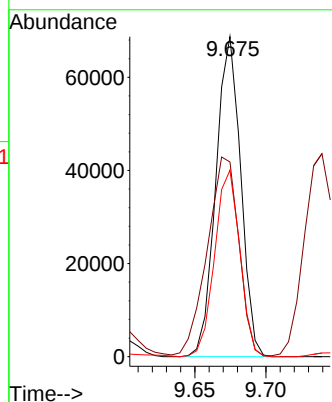
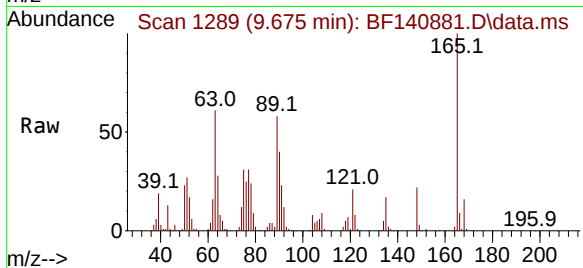




#51
2,6-Dinitrotoluene
Concen: 41.458 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

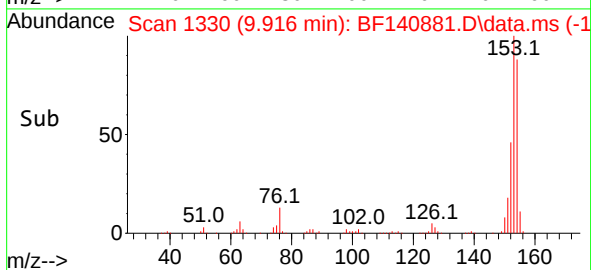
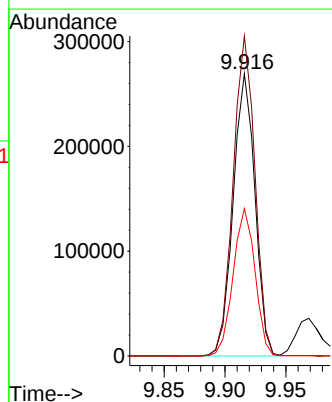
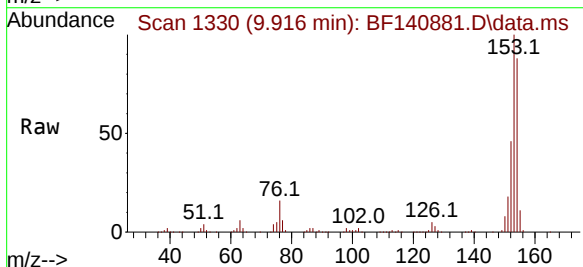
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

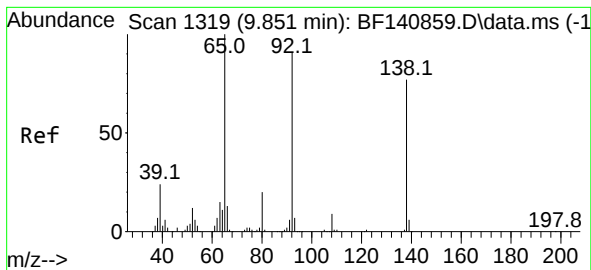
Tgt Ion:165 Resp: 83595
Ion Ratio Lower Upper
165 100
63 60.8 49.7 74.5
89 58.2 48.2 72.4



#52
Acenaphthene
Concen: 46.911 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:154 Resp: 335146
Ion Ratio Lower Upper
154 100
153 113.4 89.9 134.9
152 52.2 42.6 63.8





#53

3-Nitroaniline

Concen: 14.569 ng

RT: 9.851 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

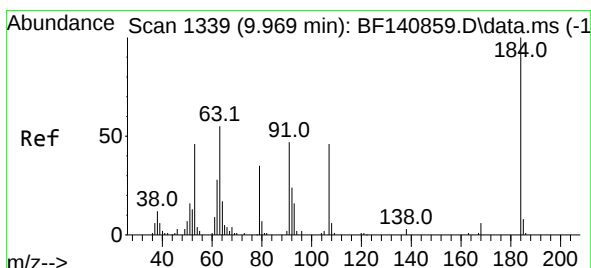
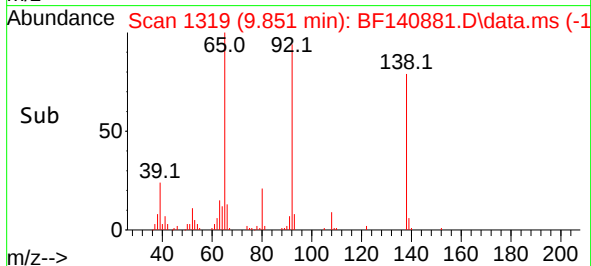
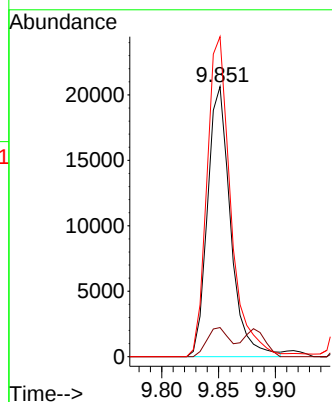
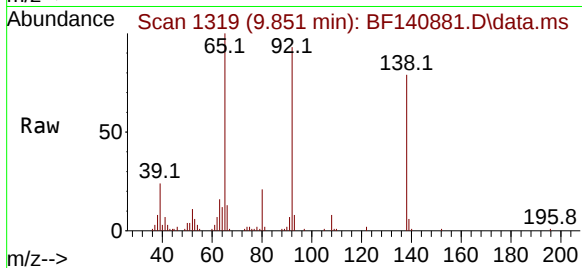
Tgt Ion:138 Resp: 29154

Ion Ratio Lower Upper

138 100

108 10.8 9.0 13.4

92 118.5 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 84.599 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

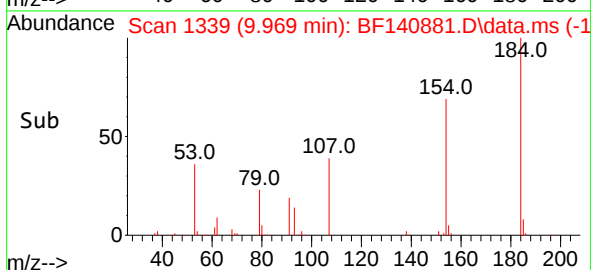
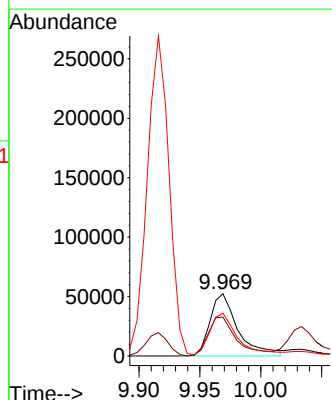
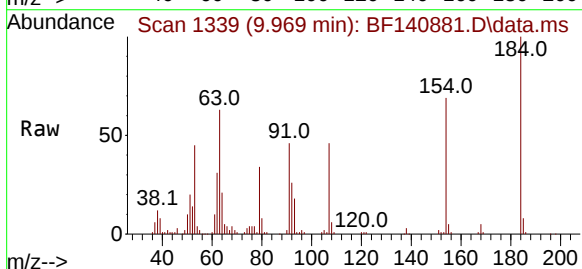
Tgt Ion:184 Resp: 83635

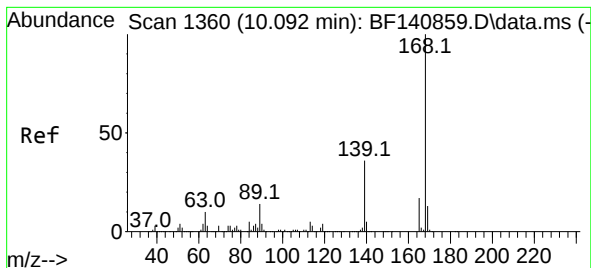
Ion Ratio Lower Upper

184 100

63 62.5 51.6 77.4

154 68.7 56.1 84.1





#55

Dibenzenofuran

Concen: 45.675 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

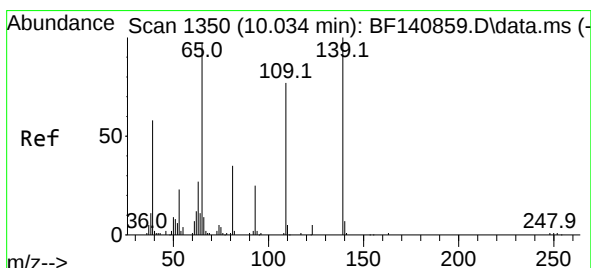
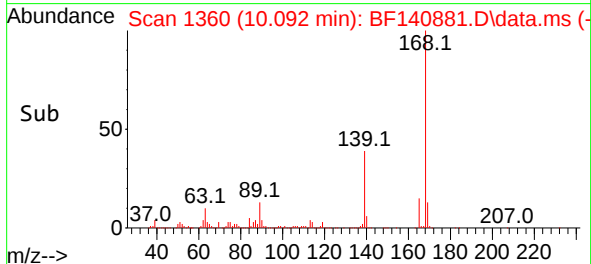
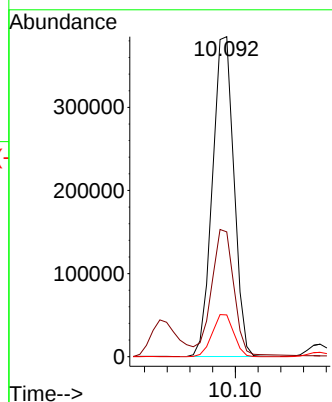
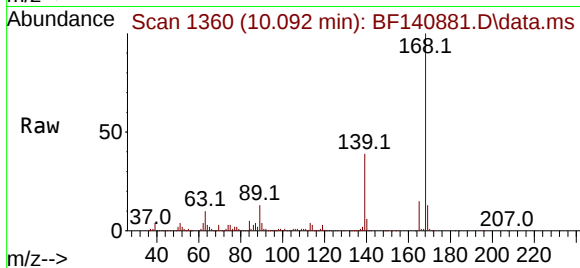
Tgt Ion:168 Resp: 505640

Ion Ratio Lower Upper

168 100

139 39.0 31.1 46.7

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 69.555 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

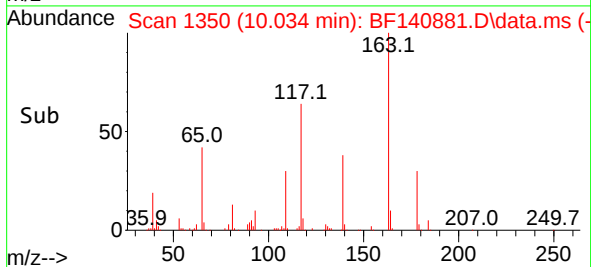
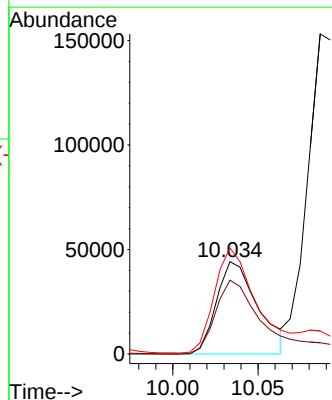
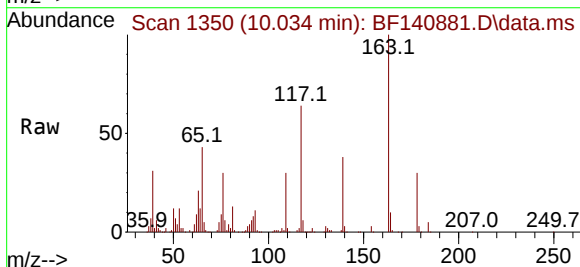
Tgt Ion:139 Resp: 74206

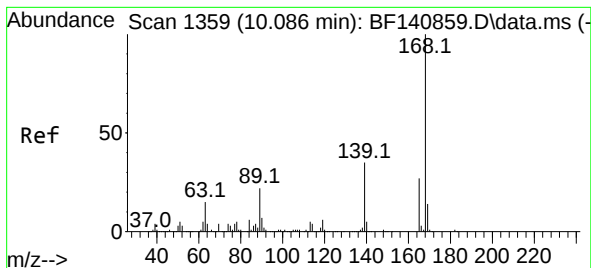
Ion Ratio Lower Upper

139 100

109 79.9 56.7 96.7

65 114.9 78.1 118.1

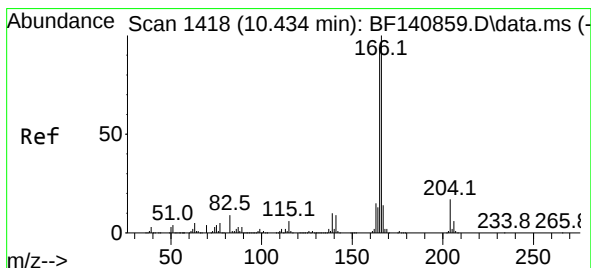
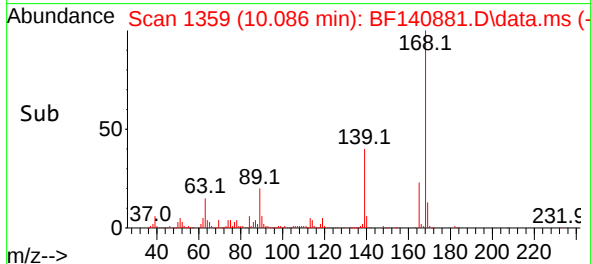
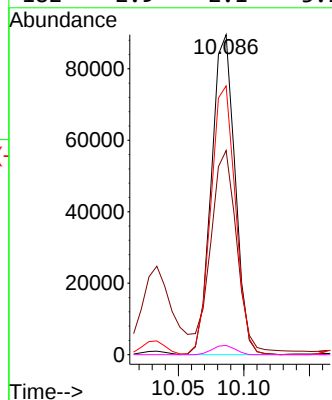
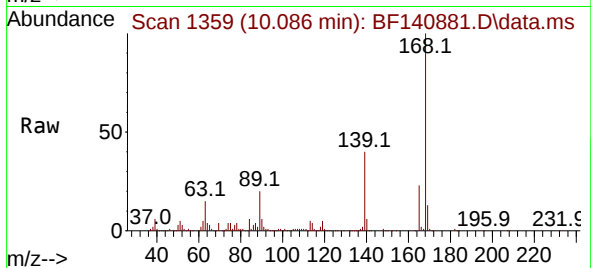




#57
2,4-Dinitrotoluene
Concen: 42.409 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

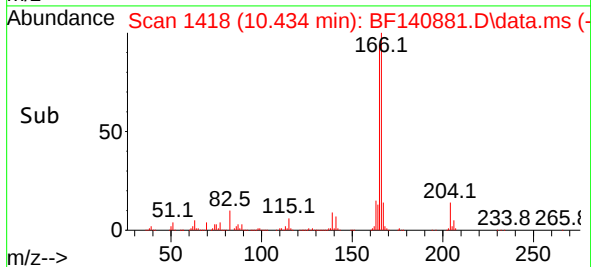
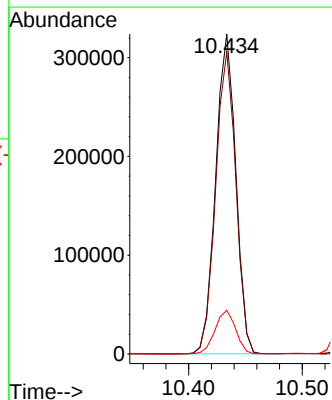
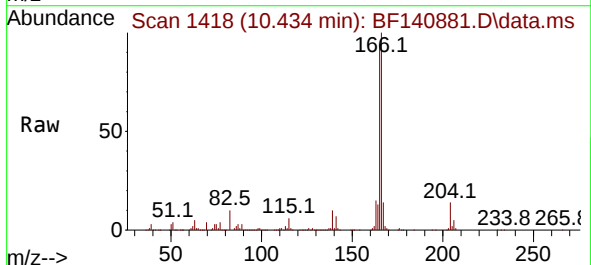
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

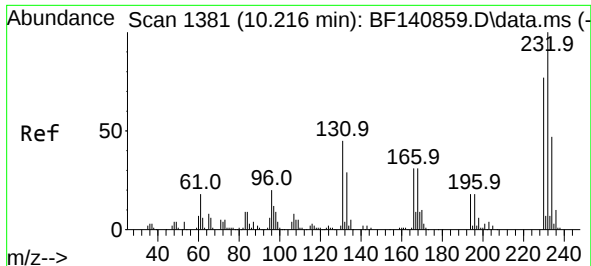
Tgt Ion:165 Resp: 112511
Ion Ratio Lower Upper
165 100
63 63.8 49.3 73.9
89 84.0 66.2 99.4
182 2.9 2.1 3.1



#58
Fluorene
Concen: 43.622 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:166 Resp: 398400
Ion Ratio Lower Upper
166 100
165 94.4 75.1 112.7
167 13.7 11.1 16.7

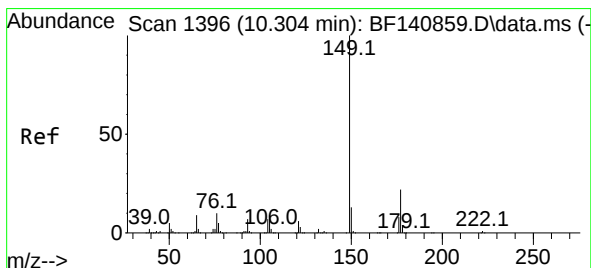
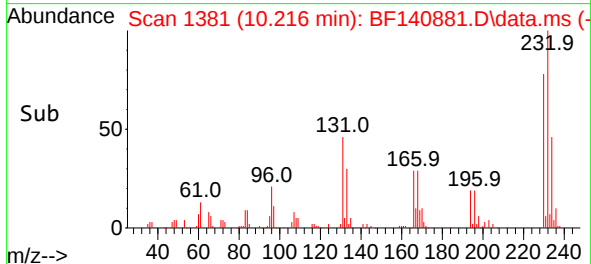
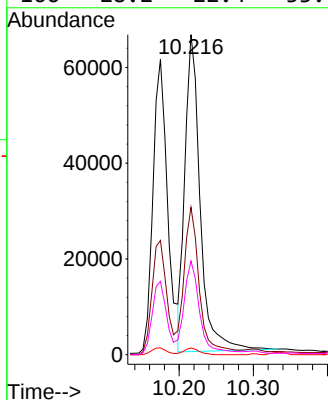
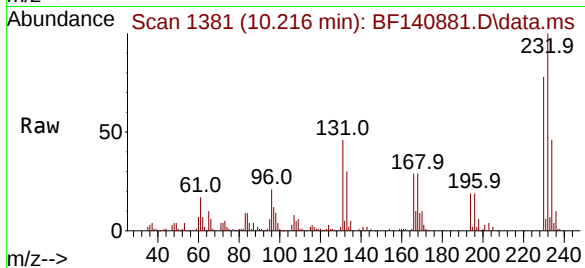




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.114 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

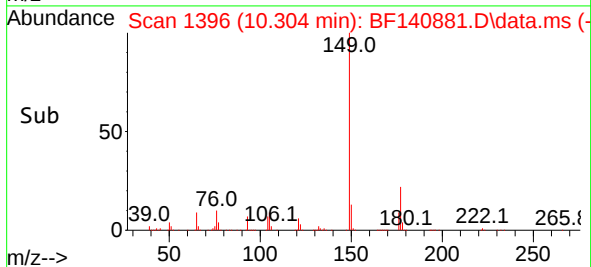
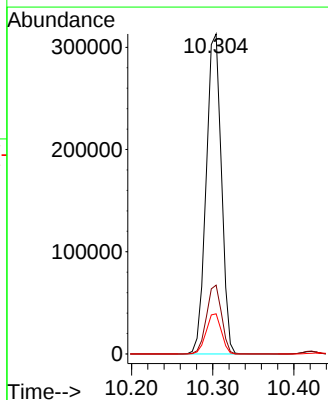
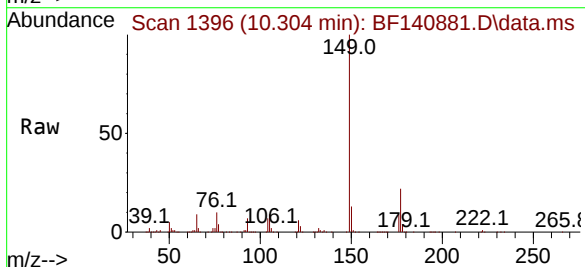
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

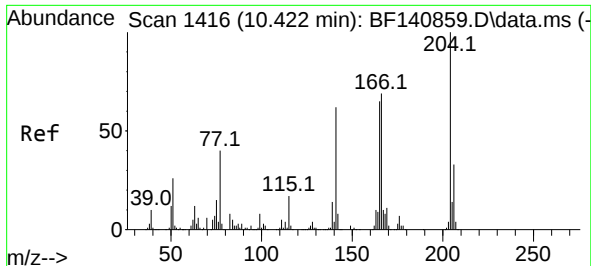
Tgt Ion:232 Resp: 95138
Ion Ratio Lower Upper
232 100
131 46.9 35.1 52.7
130 2.1 1.8 2.8
166 28.2 22.4 33.6



#60
Diethylphthalate
Concen: 44.385 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:149 Resp: 405957
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.5 10.1 15.1

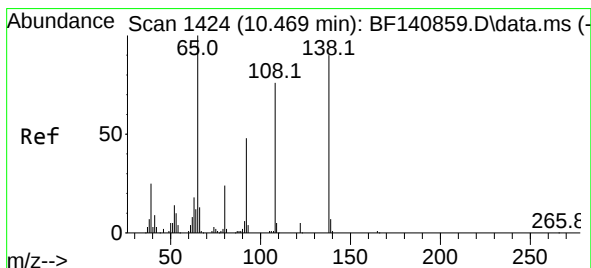
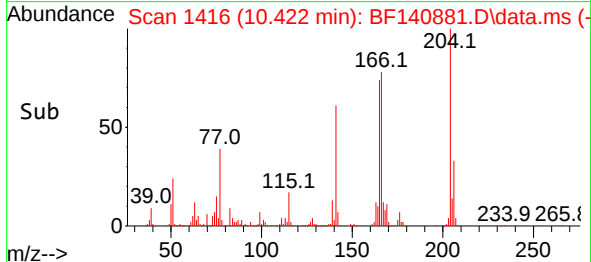
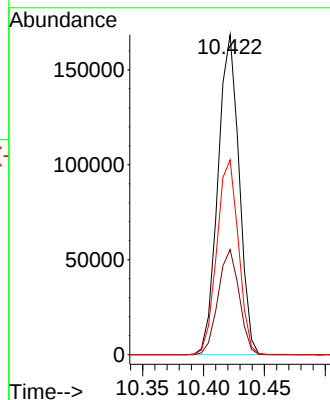
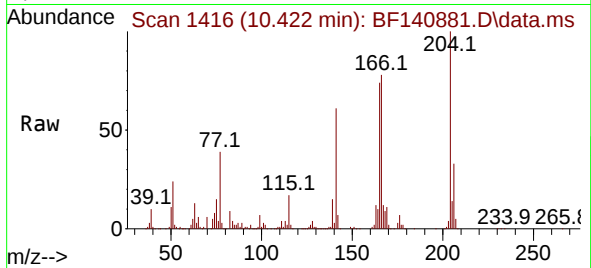




#61
4-Chlorophenyl-phenylether
Concen: 44.395 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

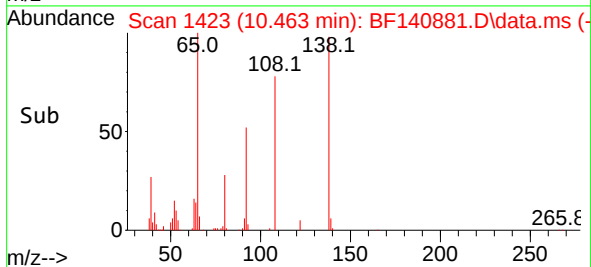
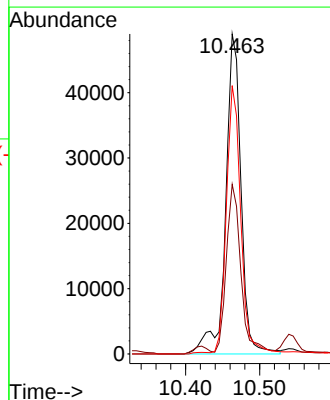
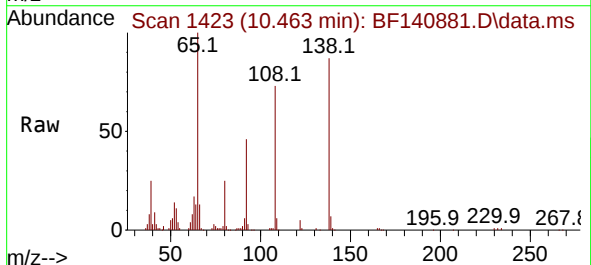
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

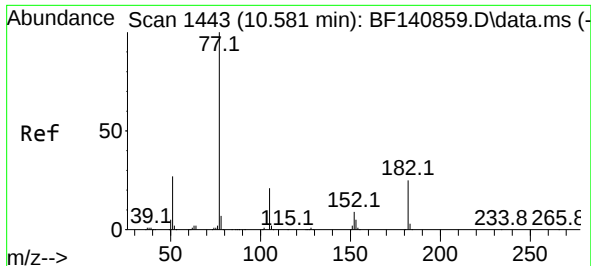
Tgt Ion:204 Resp: 203671
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 60.9 50.0 75.0



#62
4-Nitroaniline
Concen: 33.758 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:138 Resp: 70590
Ion Ratio Lower Upper
138 100
92 53.0 32.6 72.6
108 83.8 64.1 104.1

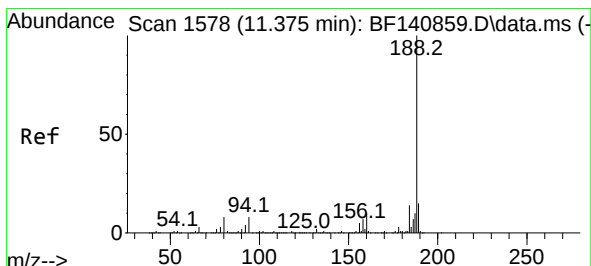
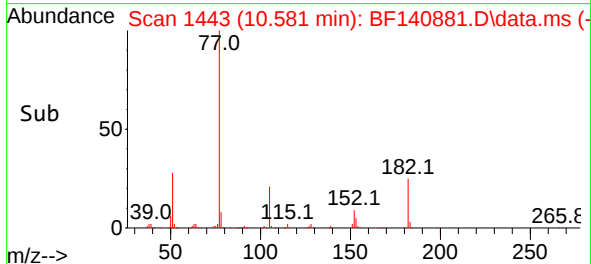
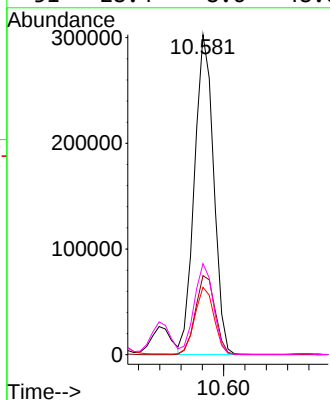
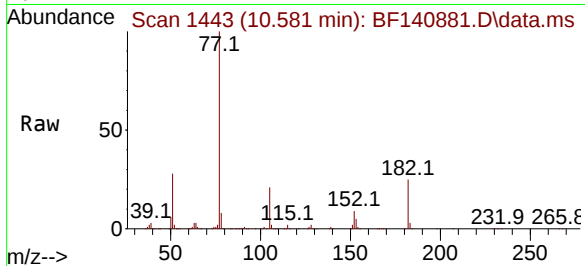




#63
Azobenzene
Concen: 44.160 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

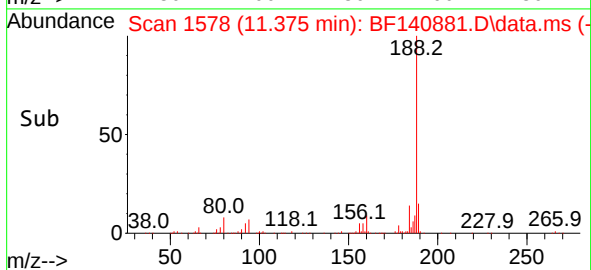
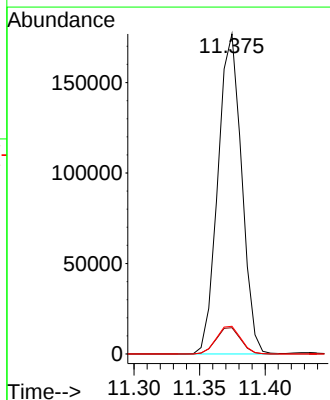
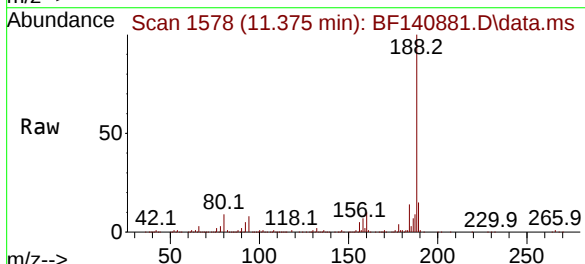
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

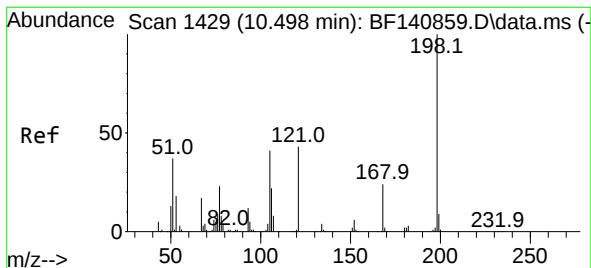
Tgt Ion: 77	Resp: 379713
Ion Ratio	Lower Upper
77 100	
182 24.7	4.5 44.5
105 21.1	0.9 40.9
51 28.4	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:188	Resp: 222102
Ion Ratio	Lower Upper
188 100	
94 8.2	6.4 9.6
80 8.6	6.8 10.2

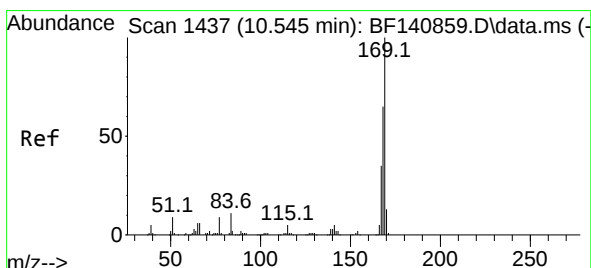
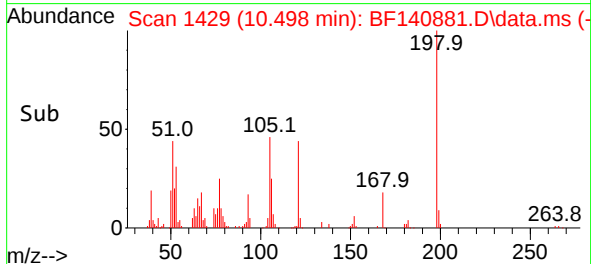
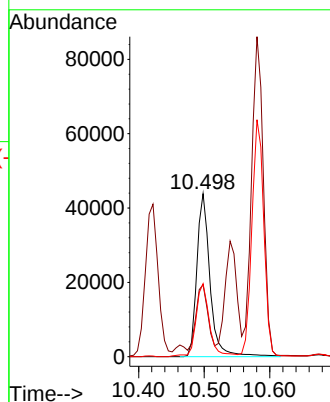
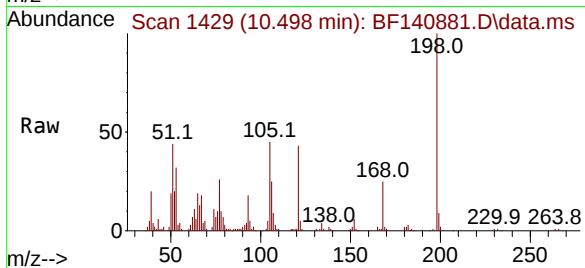




#65
4,6-Dinitro-2-methylphenol
Concen: 48.865 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

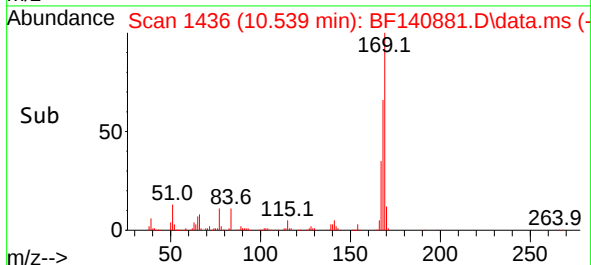
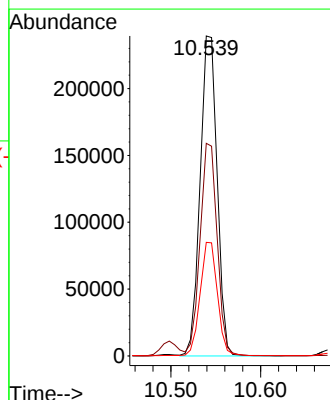
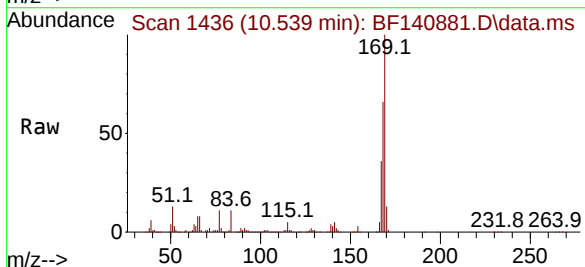
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

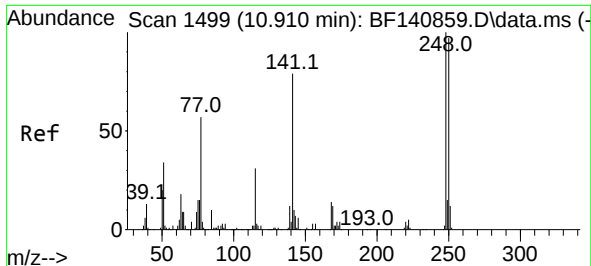
Tgt Ion:198 Resp: 61499
Ion Ratio Lower Upper
198 100
51 44.2 24.4 64.4
105 44.7 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 46.187 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:169 Resp: 315397
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 35.5 28.3 42.5

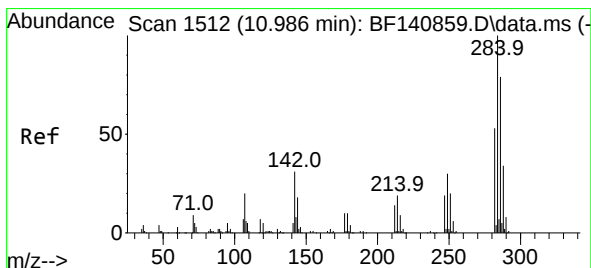
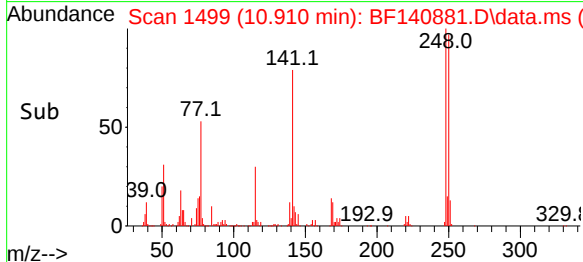
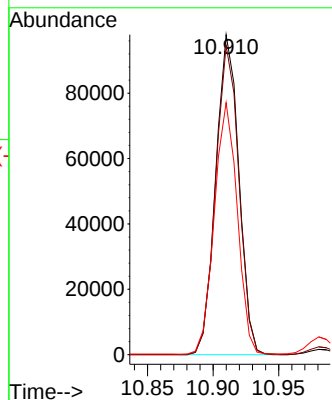
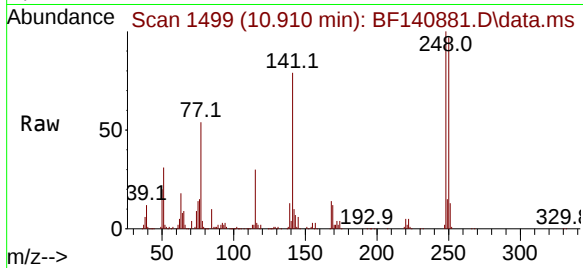




#67
4-Bromophenyl-phenylether
Concen: 48.338 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

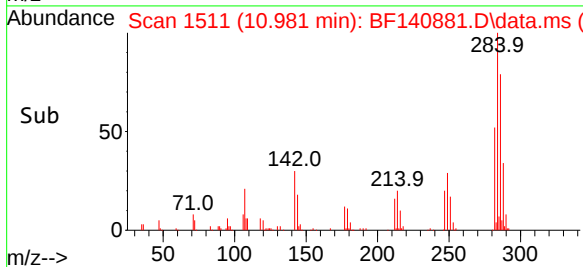
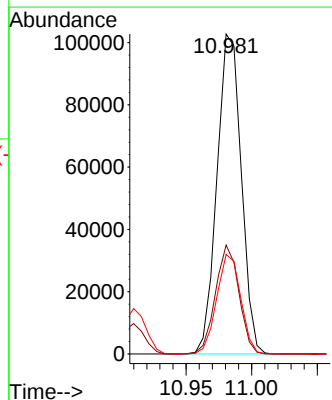
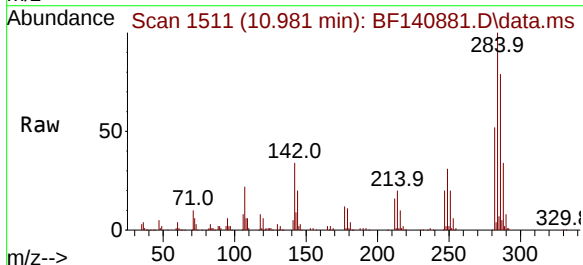
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

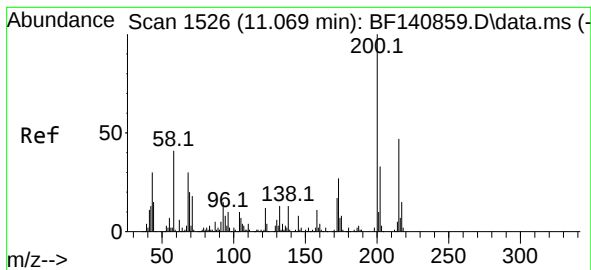
Tgt Ion:248 Resp: 120106
Ion Ratio Lower Upper
248 100
250 96.6 77.4 116.2
141 78.8 62.9 94.3



#68
Hexachlorobenzene
Concen: 46.894 ng
RT: 10.981 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:284 Resp: 132107
Ion Ratio Lower Upper
284 100
142 34.0 24.6 36.8
249 31.1 24.3 36.5





#69

Atrazine

Concen: 31.220 ng

RT: 11.069 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

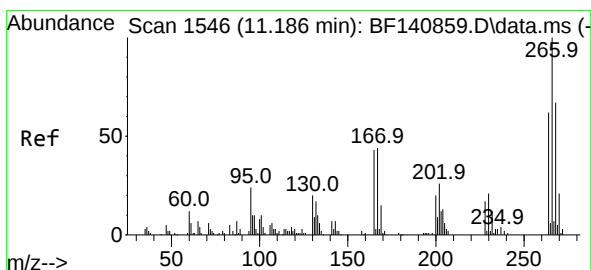
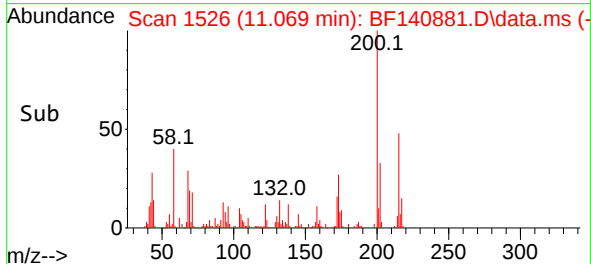
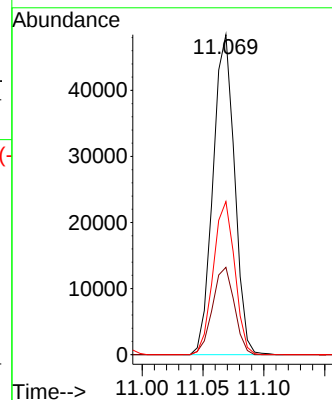
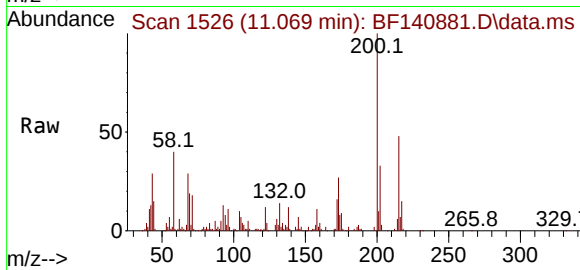
Tgt Ion:200 Resp: 59542

Ion Ratio Lower Upper

200 100

173 27.3 6.6 46.6

215 47.9 26.7 66.7



#70

Pentachlorophenol

Concen: 96.819 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

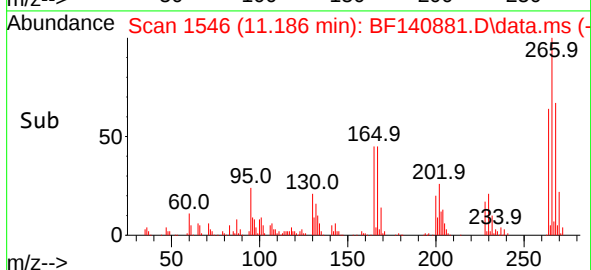
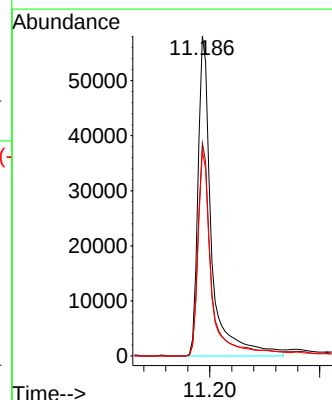
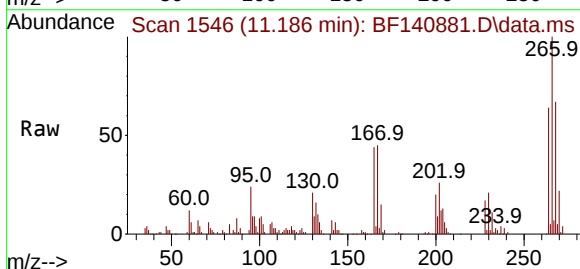
Tgt Ion:266 Resp: 99720

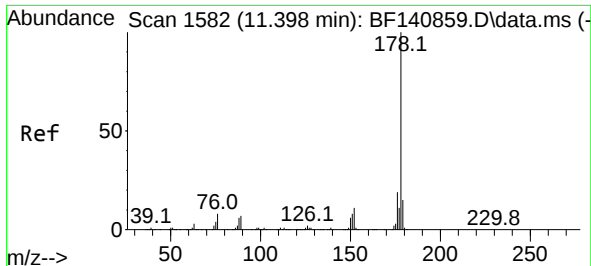
Ion Ratio Lower Upper

266 100

268 66.5 54.0 81.0

264 64.0 49.4 74.2

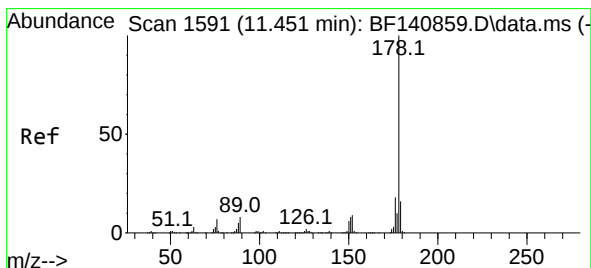
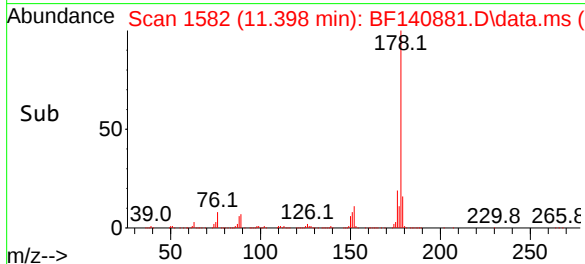
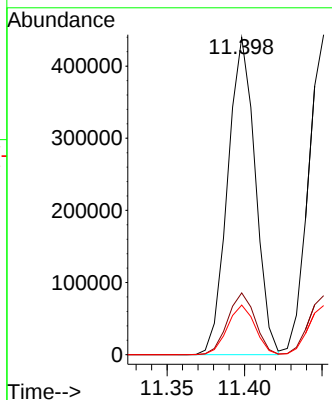
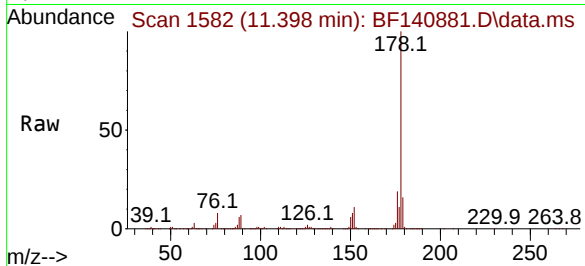




#71
Phenanthrene
Concen: 47.494 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

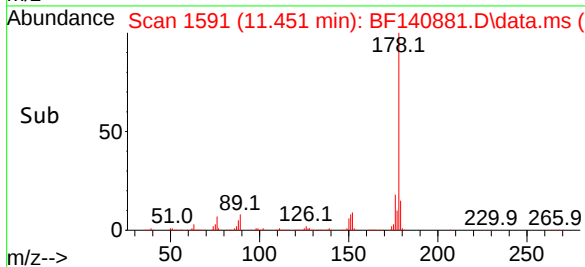
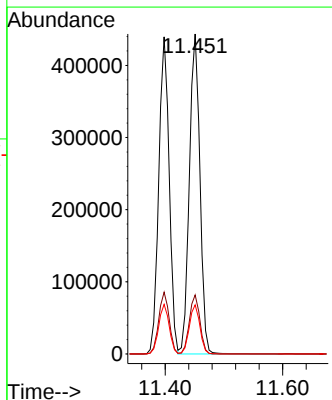
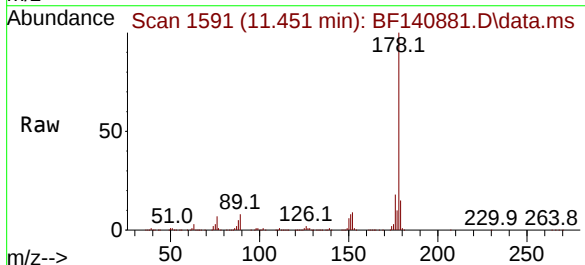
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

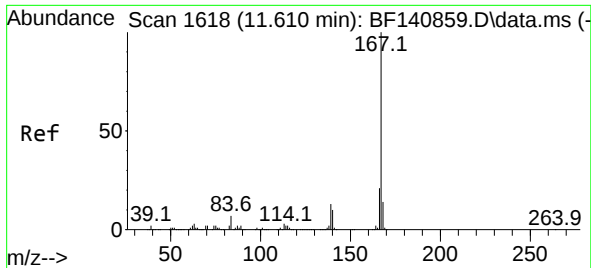
Tgt Ion:178 Resp: 542454
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 49.433 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:178 Resp: 556011
Ion Ratio Lower Upper
178 100
176 18.5 14.6 22.0
179 15.4 12.6 18.8

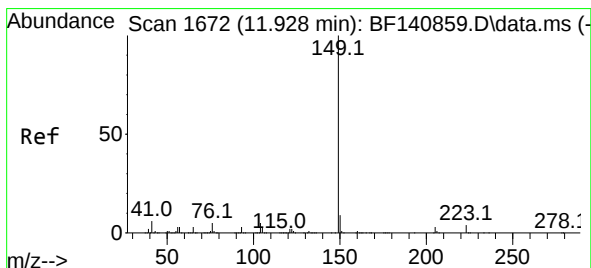
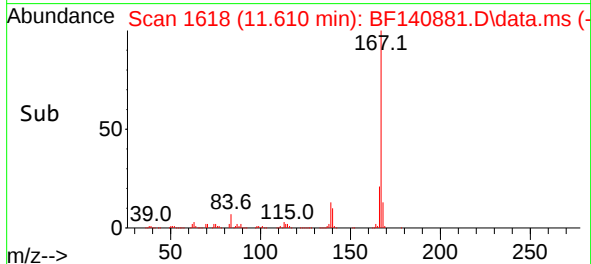
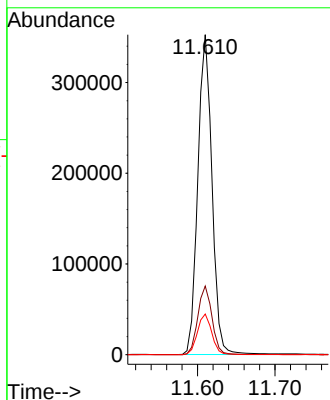
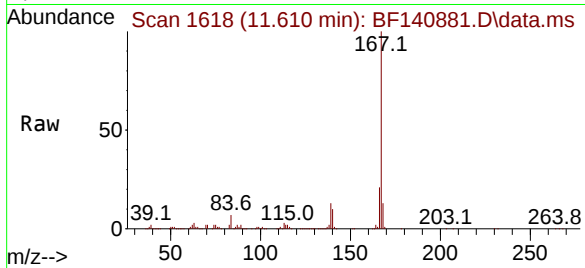




#73
 Carbazole
 Concen: 40.559 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF140881.D
 Acq: 17 Dec 2024 13:27

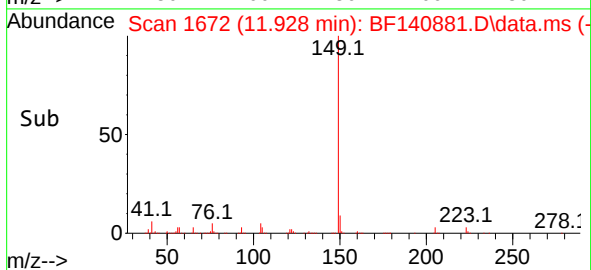
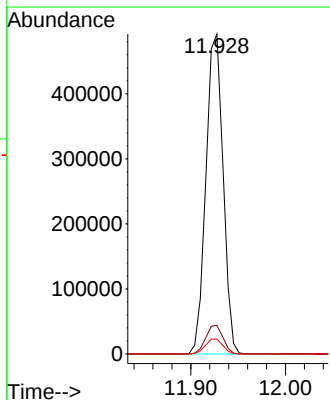
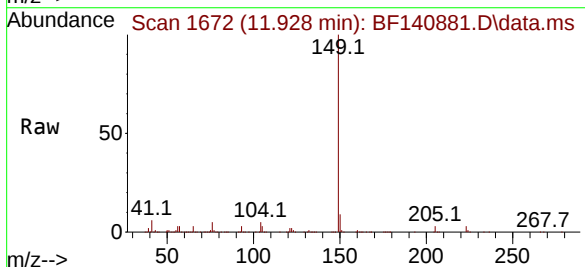
Instrument :
 BNA_F
 ClientSampleId :
 WC-1MSD

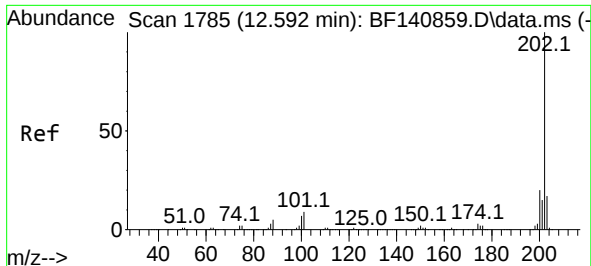
Tgt Ion:167 Resp: 446839
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.7 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 47.866 ng
 RT: 11.928 min Scan# 1672
 Delta R.T. 0.000 min
 Lab File: BF140881.D
 Acq: 17 Dec 2024 13:27

Tgt Ion:149 Resp: 618903
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.7 3.8 5.8

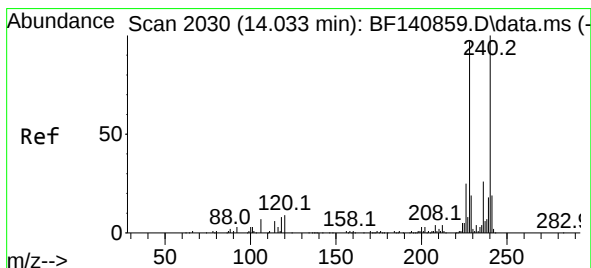
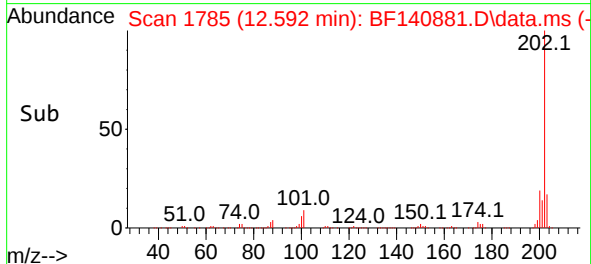
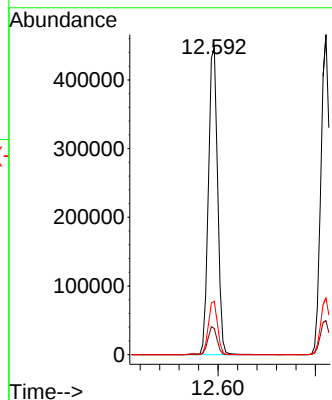
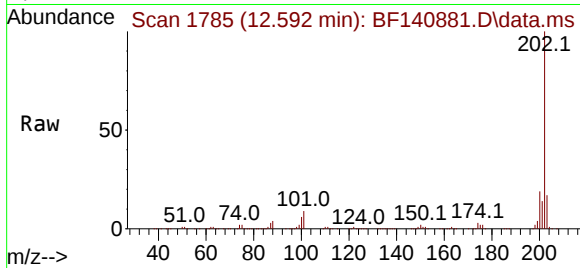




#75
Fluoranthene
Concen: 44.314 ng
RT: 12.592 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

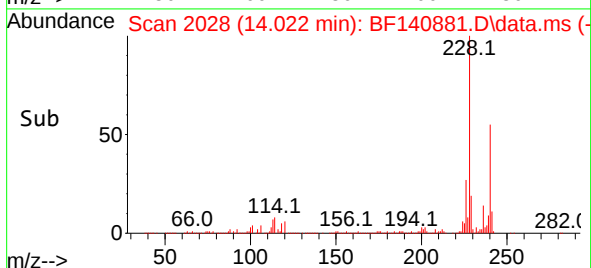
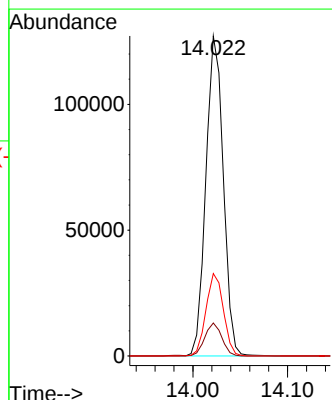
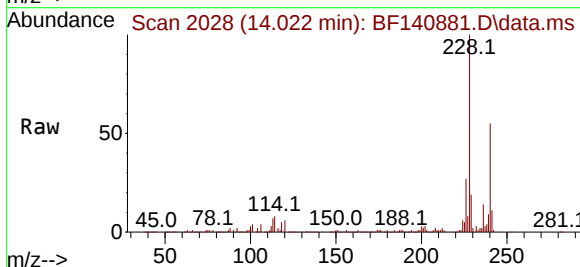
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

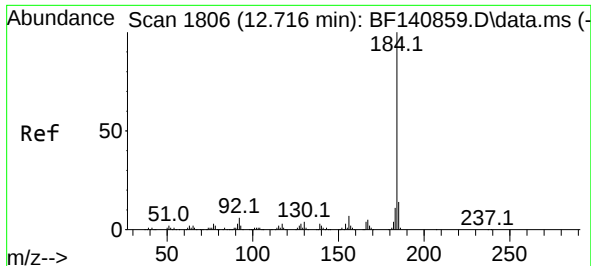
Tgt Ion:202 Resp: 582887
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.3
203 17.3 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:240 Resp: 162379
Ion Ratio Lower Upper
240 100
120 10.3 7.6 11.4
236 25.8 20.5 30.7

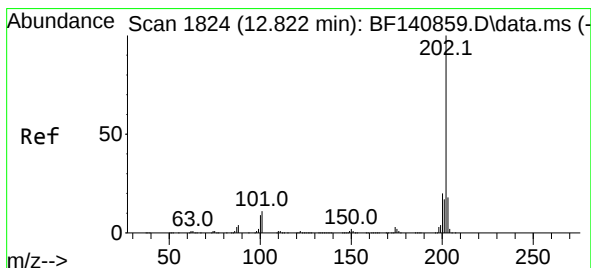
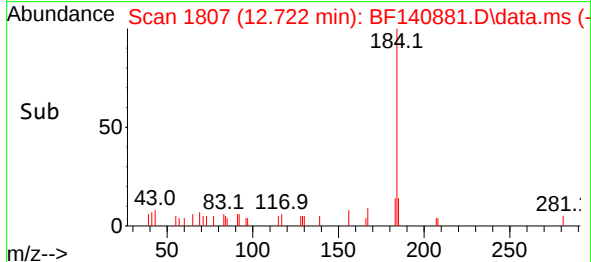
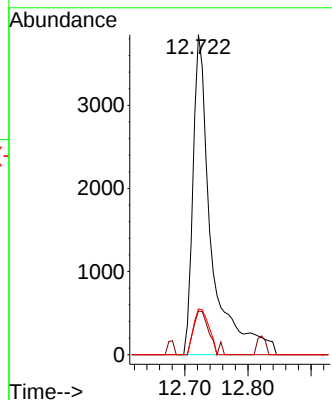
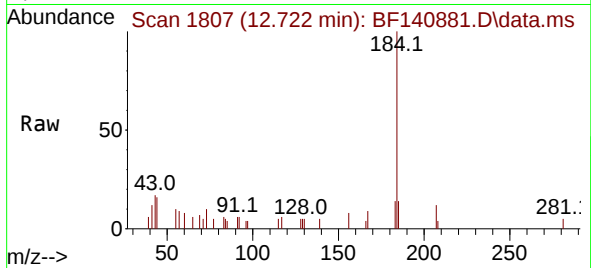




#77
Benzidine
Concen: 2.340 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

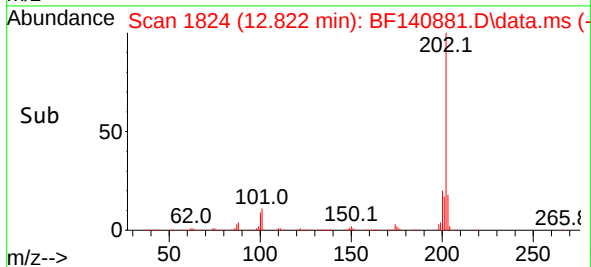
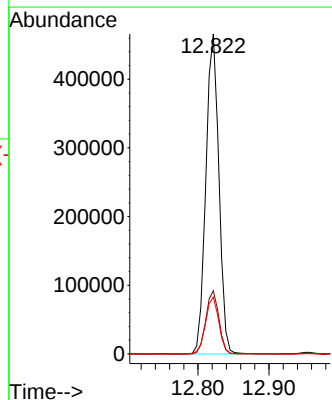
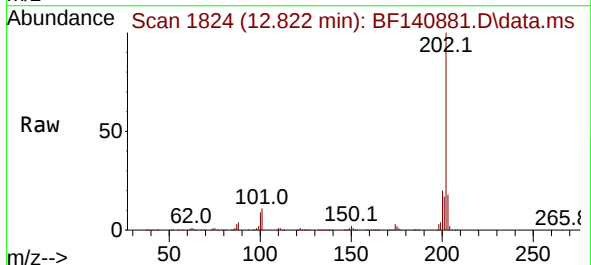
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

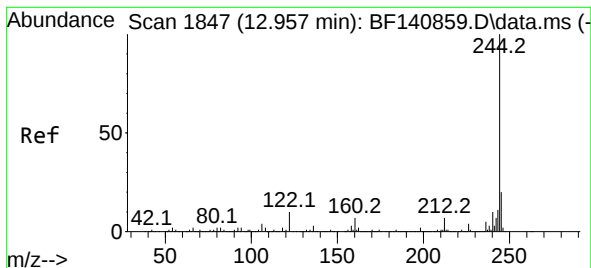
Tgt Ion:184 Resp: 7756
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 14.3 9.0 13.4#



#78
Pyrene
Concen: 41.204 ng
RT: 12.822 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:202 Resp: 594970
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 81.812 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

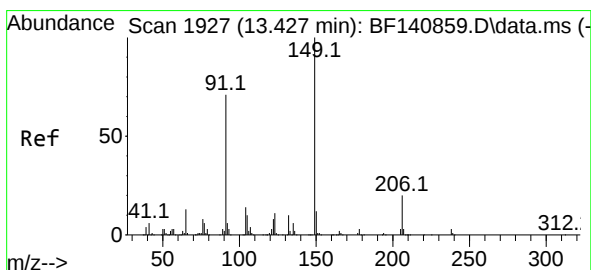
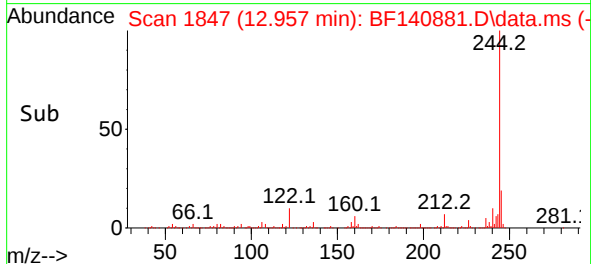
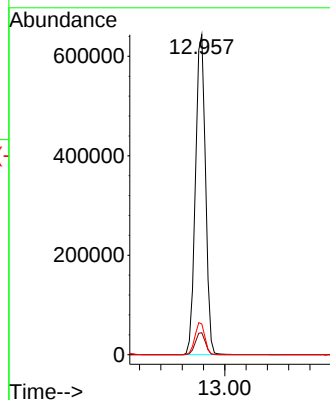
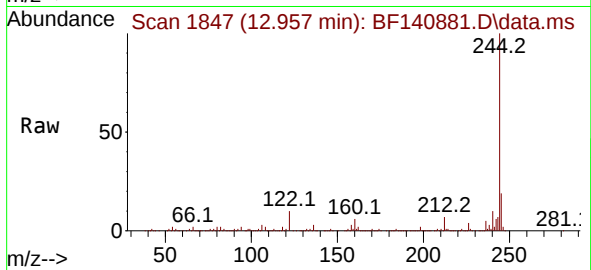
Tgt Ion:244 Resp: 842466

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.6 8.2 12.2



#80

Butylbenzylphthalate

Concen: 46.728 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

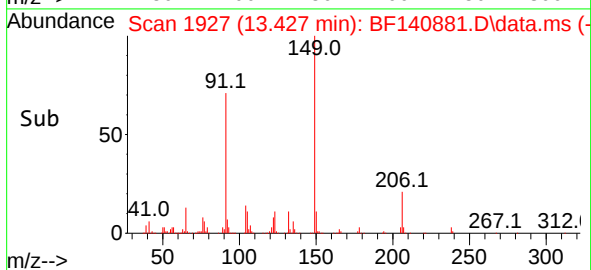
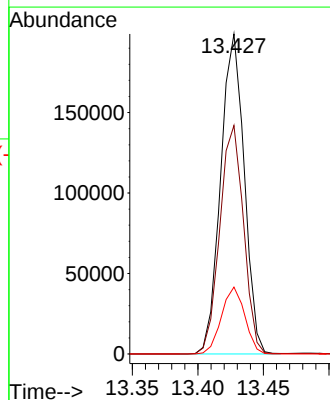
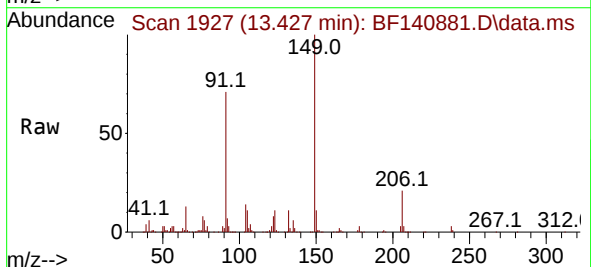
Tgt Ion:149 Resp: 248268

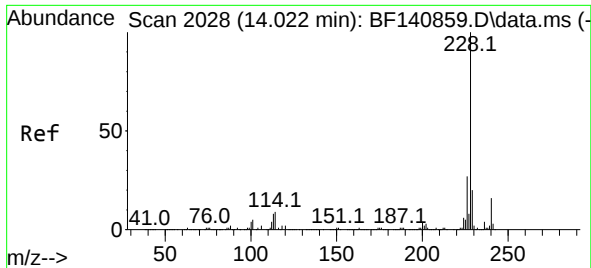
Ion Ratio Lower Upper

149 100

91 71.4 56.7 85.1

206 20.9 16.4 24.6

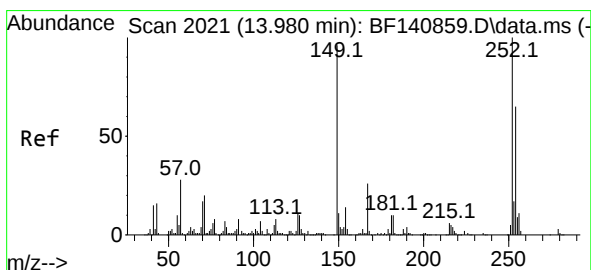
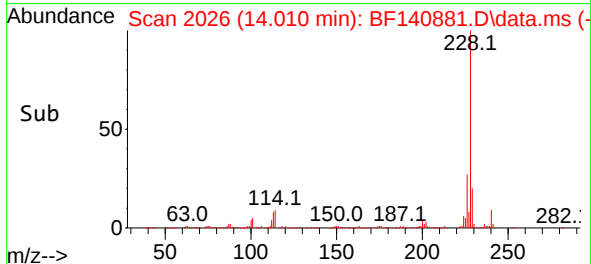
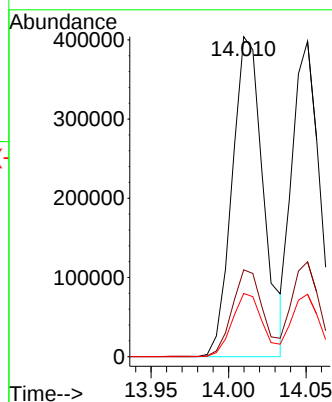
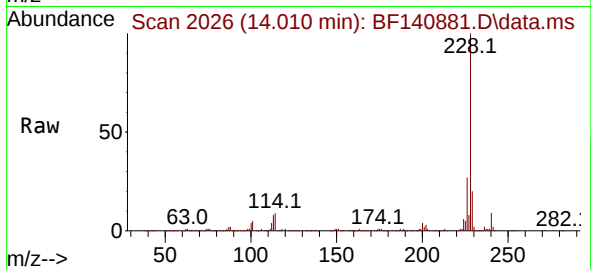




#81
Benzo(a)anthracene
Concen: 49.188 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

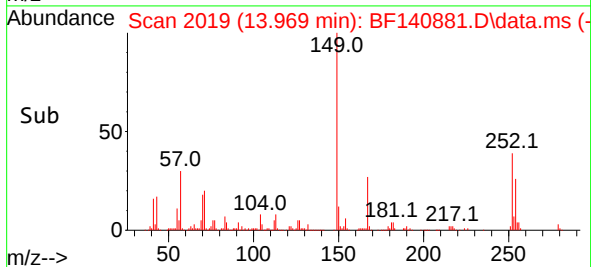
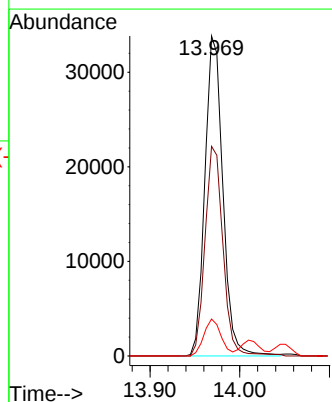
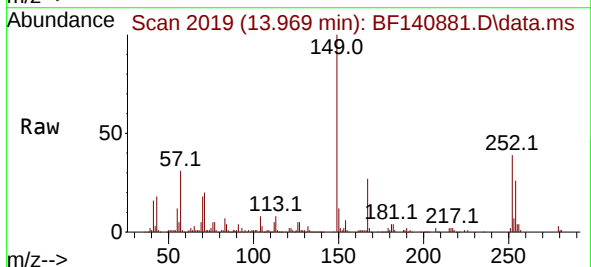
Instrument :
BNA_F
ClientSampleId :
WC-1MSD

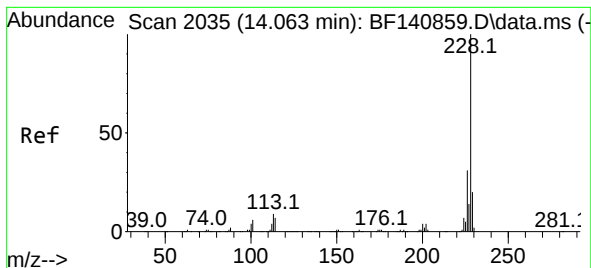
Tgt Ion:228 Resp: 566069
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 13.565 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140881.D
Acq: 17 Dec 2024 13:27

Tgt Ion:252 Resp: 47099
Ion Ratio Lower Upper
252 100
254 65.5 52.3 78.5
126 11.6 8.4 12.6





#83

Chrysene

Concen: 46.639 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

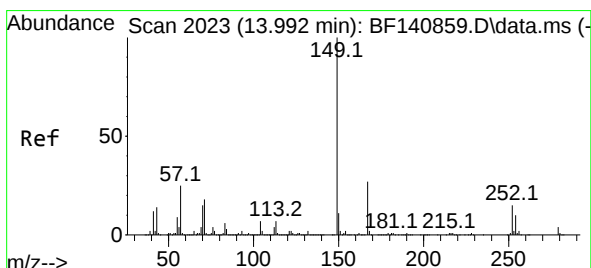
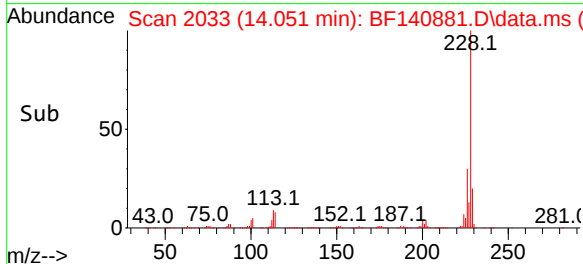
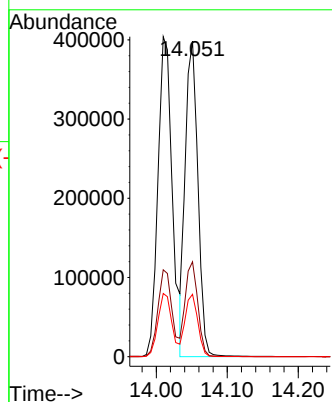
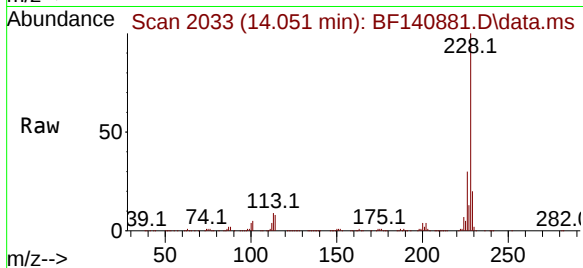
Tgt Ion:228 Resp: 488071

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.983 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

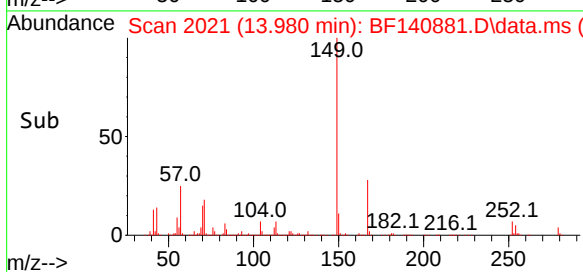
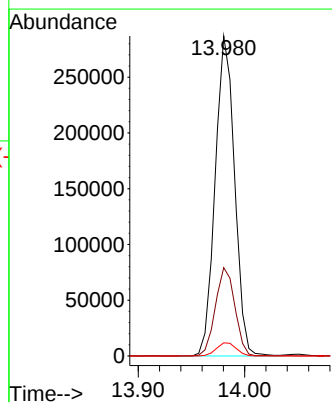
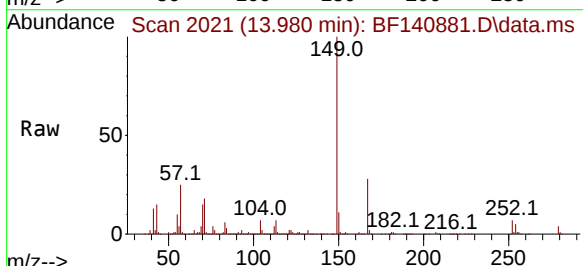
Tgt Ion:149 Resp: 362980

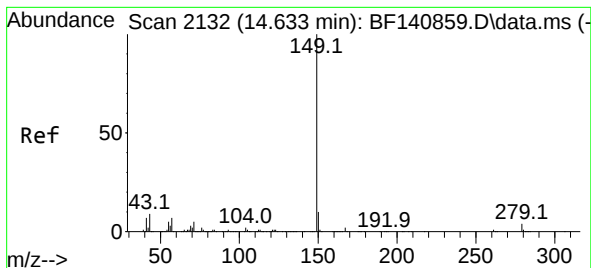
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

279 4.1 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 58.805 ng

RT: 14.604 min Scan# 2132

Delta R.T. -0.029 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

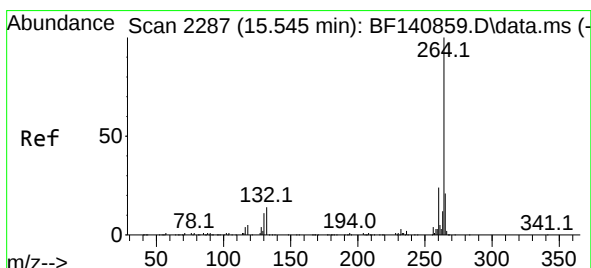
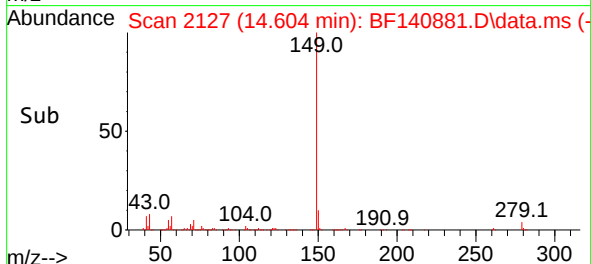
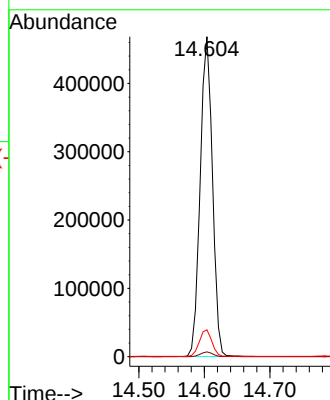
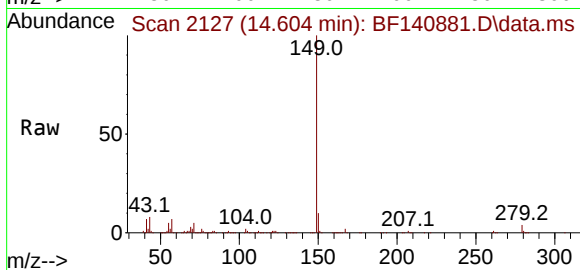
Tgt Ion:149 Resp: 609493

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.6 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

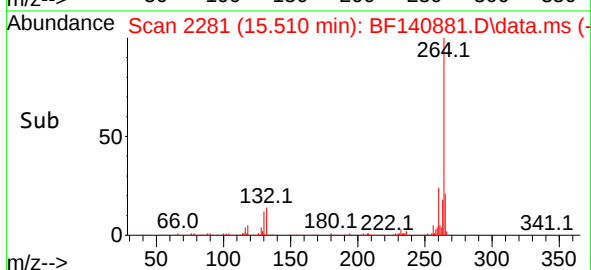
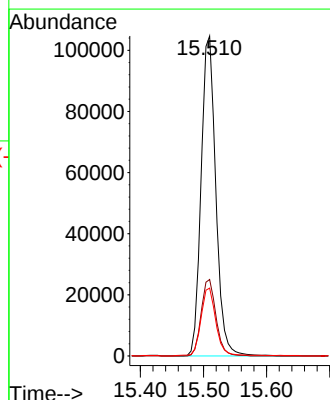
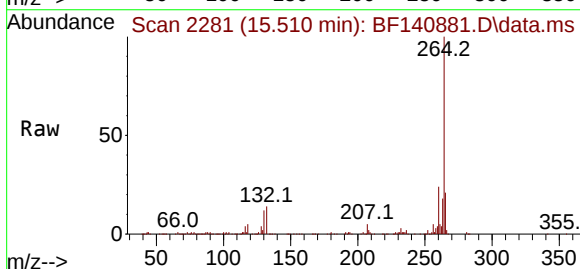
Tgt Ion:264 Resp: 169170

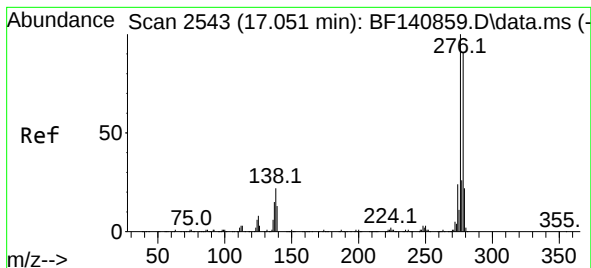
Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 64.294 ng

RT: 17.015 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

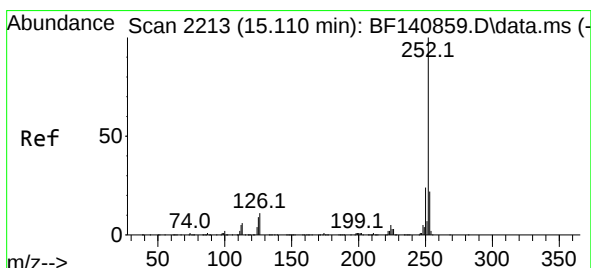
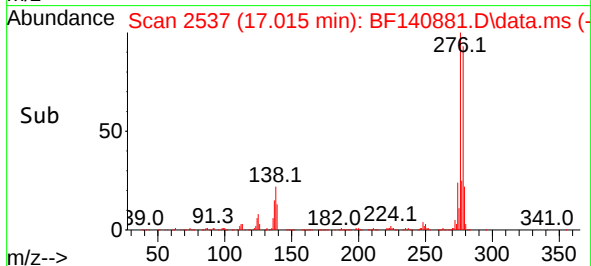
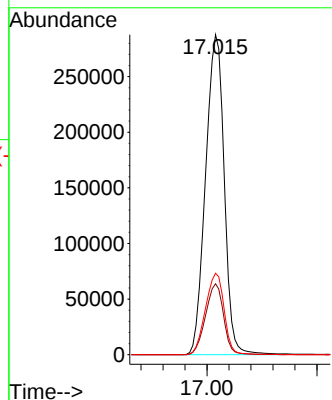
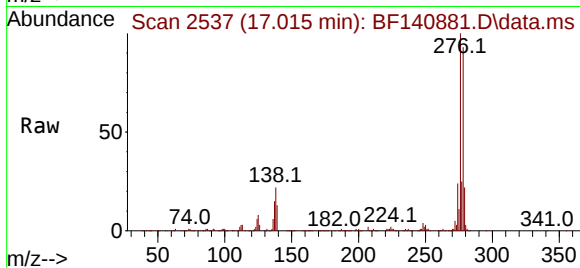
Tgt Ion:276 Resp: 678743

Ion Ratio Lower Upper

276 100

138 21.4 16.9 25.3

277 25.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.419 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

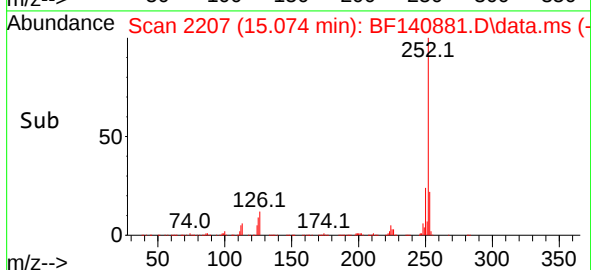
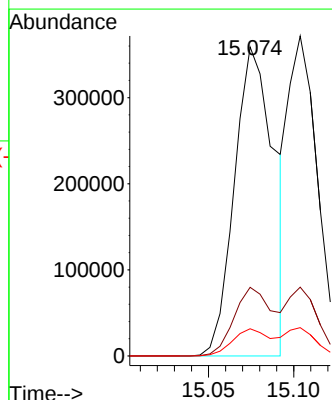
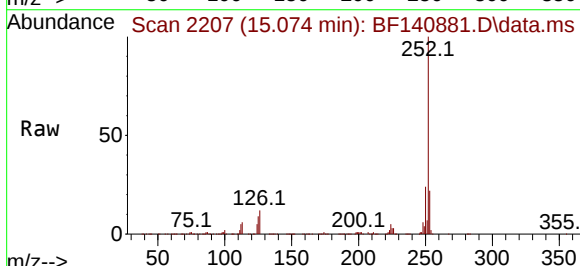
Tgt Ion:252 Resp: 580326

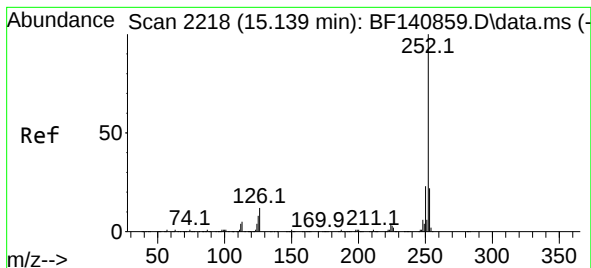
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.8 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 44.063 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

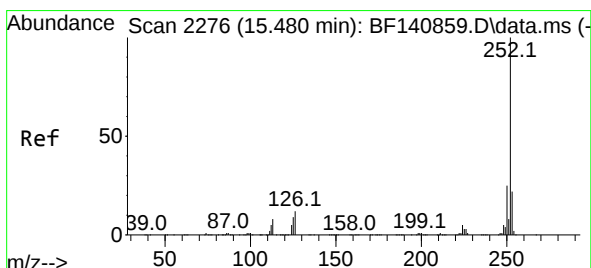
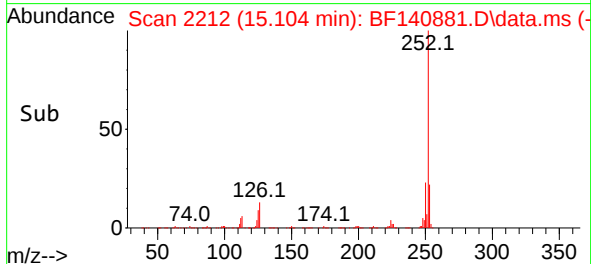
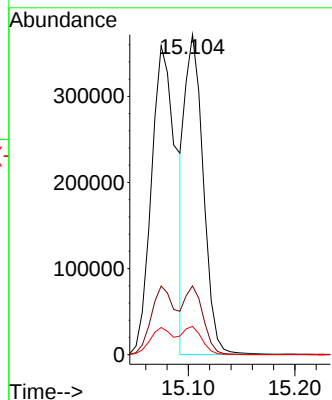
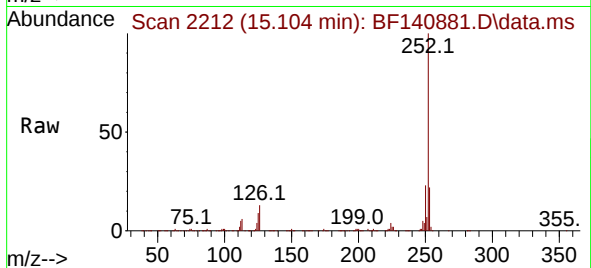
Tgt Ion:252 Resp: 443845

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 8.9 6.8 10.2



#90

Benzo(a)pyrene

Concen: 54.207 ng

RT: 15.445 min Scan# 2270

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

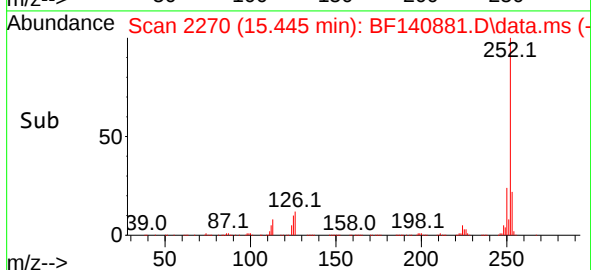
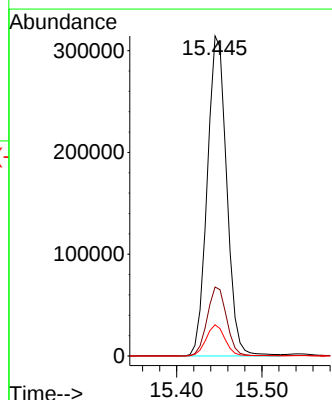
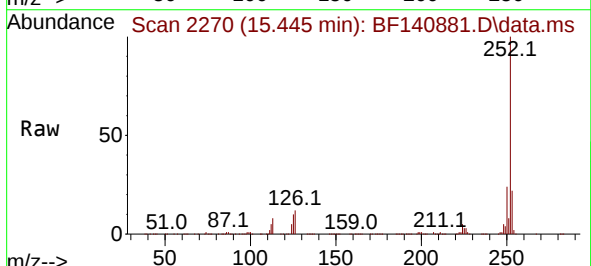
Tgt Ion:252 Resp: 498440

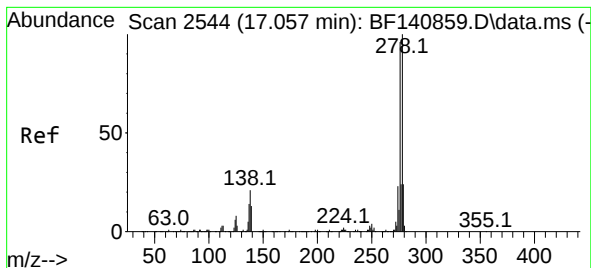
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 64.816 ng

RT: 17.021 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Instrument :

BNA_F

ClientSampleId :

WC-1MSD

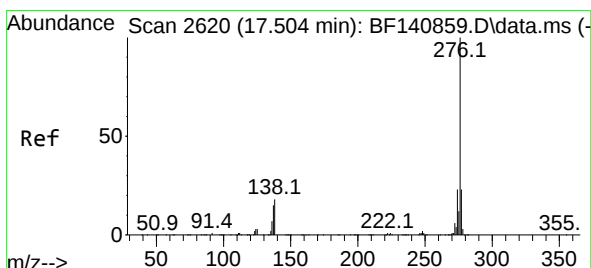
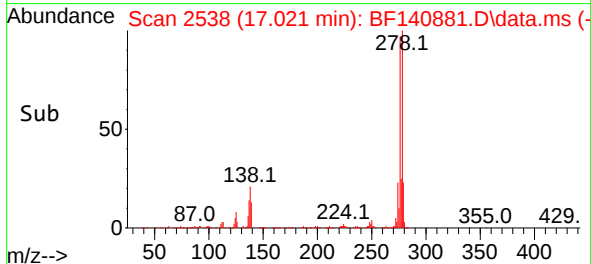
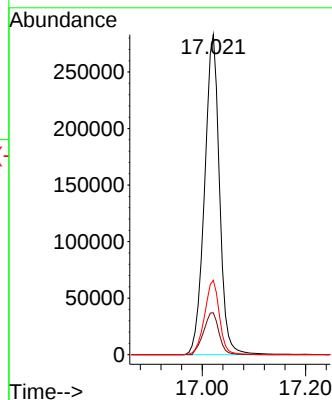
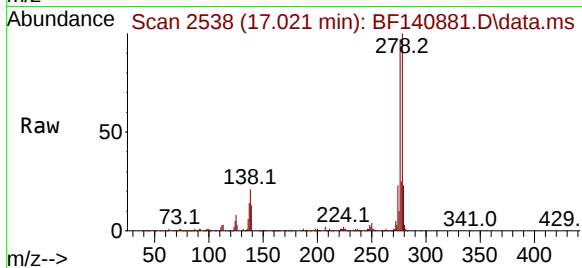
Tgt Ion:278 Resp: 566869

Ion Ratio Lower Upper

278 100

139 13.1 10.6 16.0

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 57.139 ng

RT: 17.468 min Scan# 2614

Delta R.T. -0.035 min

Lab File: BF140881.D

Acq: 17 Dec 2024 13:27

Tgt Ion:276 Resp: 508605

Ion Ratio Lower Upper

276 100

277 22.9 18.7 28.1

138 18.0 14.2 21.2

