

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140858.D
 Acq On : 16 Dec 2024 14:00
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Dec 16 16:48:30 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 16:38:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	71395	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	269448	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	153586	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	299699	20.000	ng	0.00
76) Chrysene-d12	14.039	240	234229	20.000	ng	0.00
86) Perylene-d12	15.563	264	220576	20.000	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	182586	42.100	ng	0.00
7) Phenol-d6	6.493	99	237156	41.285	ng	0.00
23) Nitrobenzene-d5	7.410	82	226356	42.030	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	74311	40.909	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	472330	42.281	ng	0.00
79) Terphenyl-d14	12.957	244	570640	38.416	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.622	88	38355	20.532	ng	96
3) Pyridine	3.405	79	91704	21.197	ng	99
4) n-Nitrosodimethylamine	3.340	42	44712	20.501	ng	97
6) Aniline	6.516	93	103355	21.043	ng	# 81
8) 2-Chlorophenol	6.640	128	96909	20.490	ng	98
9) Benzaldehyde	6.404	77	70862	22.263	ng	98
10) Phenol	6.510	94	123728	20.782	ng	90
11) bis(2-Chloroethyl)ether	6.581	93	91473	20.602	ng	98
12) 1,3-Dichlorobenzene	6.787	146	111145	20.624	ng	99
13) 1,4-Dichlorobenzene	6.863	146	113006	20.658	ng	98
14) 1,2-Dichlorobenzene	7.016	146	107719	20.870	ng	97
15) Benzyl Alcohol	6.998	79	88251	21.487	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	108472	20.739	ng	89
17) 2-Methylphenol	7.110	107	77132	20.427	ng	97
18) Hexachloroethane	7.351	117	41766	20.509	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	71344	20.705	ng	100
20) 3+4-Methylphenols	7.269	107	102814	20.534	ng	# 88
22) Acetophenone	7.257	105	140187	20.798	ng	98
24) Nitrobenzene	7.434	77	114486	20.750	ng	98
25) Isophorone	7.669	82	185900	20.601	ng	100
26) 2-Nitrophenol	7.751	139	52133	20.516	ng	99
27) 2,4-Dimethylphenol	7.787	122	60750	20.471	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	115605	20.512	ng	98
29) 2,4-Dichlorophenol	7.998	162	84299	20.575	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	96194	20.481	ng	99
31) Naphthalene	8.151	128	303425	20.500	ng	99
32) Benzoic acid	7.910	122	51770	18.394	ng	97
33) 4-Chloroaniline	8.204	127	101583	20.664	ng	99
34) Hexachlorobutadiene	8.263	225	65803	20.824	ng	99
35) Caprolactam	8.569	113	24344	19.958	ng	98
36) 4-Chloro-3-methylphenol	8.693	107	93611	20.300	ng	98
37) 2-Methylnaphthalene	8.840	142	199492	20.375	ng	100
38) 1-Methylnaphthalene	8.940	142	193053	19.937	ng	100
40) 1,2,4,5-Tetrachloroben...	9.004	216	98517	20.869	ng	99
41) Hexachlorocyclopentadiene	8.987	237	18486	21.391	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	59284	20.509	ng	99

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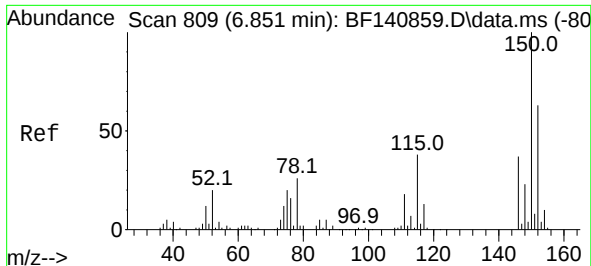
Quant Time: Dec 16 16:48:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	65450	20.600	ng	99
46) 1,1'-Biphenyl	9.304	154	251662	20.606	ng	98
47) 2-Chloronaphthalene	9.328	162	192611	20.615	ng	98
48) 2-Nitroaniline	9.434	65	57140	20.250	ng	99
49) Acenaphthylene	9.745	152	288710	21.027	ng	99
50) Dimethylphthalate	9.598	163	220880	20.399	ng	99
51) 2,6-Dinitrotoluene	9.669	165	50302	20.321	ng	97
52) Acenaphthene	9.916	154	179112	20.422	ng	99
53) 3-Nitroaniline	9.845	138	50453	20.538	ng	100
54) 2,4-Dinitrophenol	9.969	184	16571	19.139	ng	96
55) Dibenzofuran	10.087	168	281092	20.683	ng	98
56) 4-Nitrophenol	10.039	139	20392	19.017	ng	90
57) 2,4-Dinitrotoluene	10.081	165	67570	20.746	ng	100
58) Fluorene	10.434	166	229160	20.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	52966	20.459	ng	98
60) Diethylphthalate	10.298	149	229798	20.466	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	116545	20.693	ng	97
62) 4-Nitroaniline	10.457	138	52016	20.263	ng	97
63) Azobenzene	10.581	77	214137	20.286	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	32520	19.149	ng	93
66) n-Nitrosodiphenylamine	10.539	169	192873	20.932	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	70804	21.118	ng	99
68) Hexachlorobenzene	10.981	284	80189	21.095	ng	99
69) Atrazine	11.069	200	57872	22.488	ng	99
70) Pentachlorophenol	11.186	266	22401	16.109	ng	98
71) Phenanthrene	11.398	178	321392	20.854	ng	100
72) Anthracene	11.451	178	315664	20.798	ng	99
73) Carbazole	11.610	167	307615	20.692	ng	99
74) Di-n-butylphthalate	11.928	149	369257	21.164	ng	99
75) Fluoranthene	12.586	202	374894	21.122	ng	100
77) Benzidine	12.716	184	93986	19.660	ng	99
78) Pyrene	12.822	202	386539	18.558	ng	99
80) Butylbenzylphthalate	13.427	149	145401	18.972	ng	97
81) Benzo(a)anthracene	14.027	228	332845	20.050	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	105124	20.989	ng	97
83) Chrysene	14.069	228	319417	21.160	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	204953	20.740	ng	97
85) Di-n-octyl phthalate	14.651	149	315841	21.125	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	293402	21.315	ng	100
88) Benzo(b)fluoranthene	15.121	252	319848	20.890	ng	99
89) Benzo(k)fluoranthene	15.151	252	269871	20.548	ng	99
90) Benzo(a)pyrene	15.498	252	250110	20.861	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	240810	21.117	ng	99
92) Benzo(g,h,i)perylene	17.515	276	241228	20.785	ng	99

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

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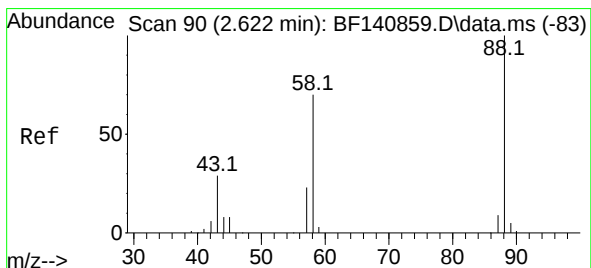
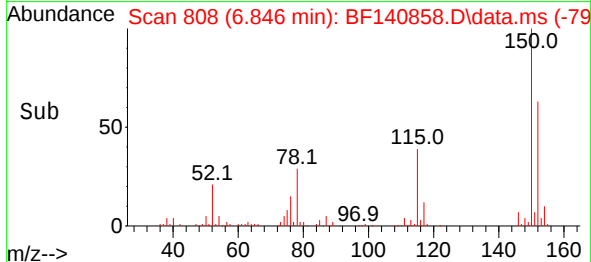
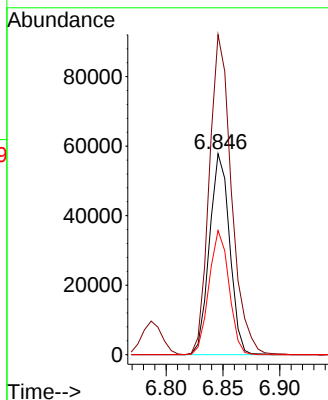
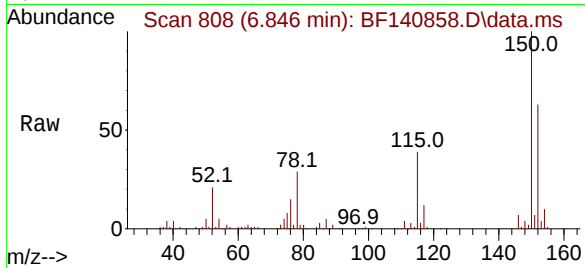




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

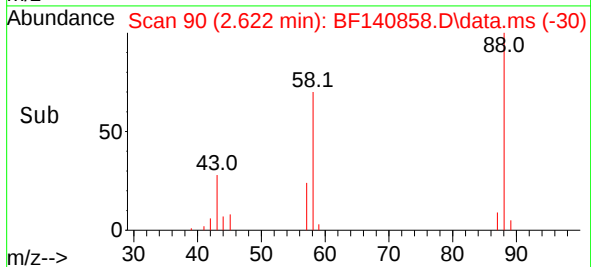
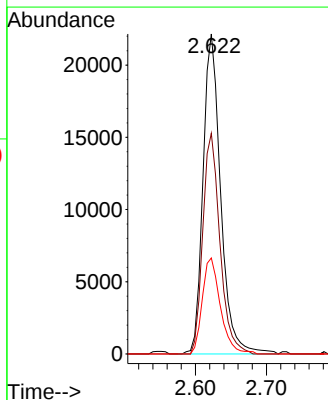
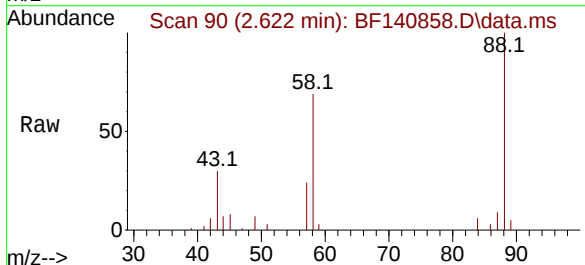
Instrument :
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ClientSampleId :
SSTDICC020

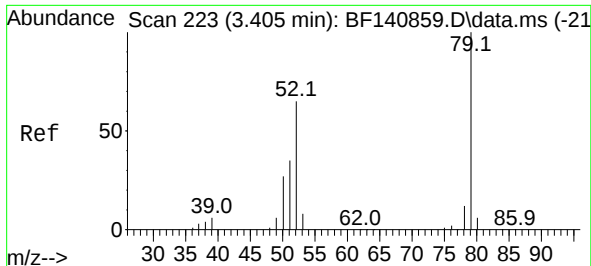
Tgt Ion:152 Resp: 71395
Ion Ratio Lower Upper
152 100
150 159.2 127.9 191.9
115 61.8 48.0 72.0



#2
1,4-Dioxane
Concen: 20.532 ng
RT: 2.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 88 Resp: 38355
Ion Ratio Lower Upper
88 100
58 66.7 55.8 83.8
43 30.7 22.7 34.1





#3

Pyridine

Concen: 21.197 ng

RT: 3.405 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

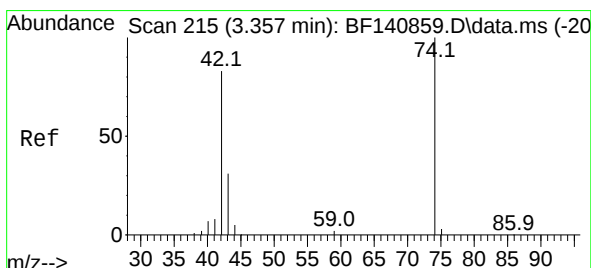
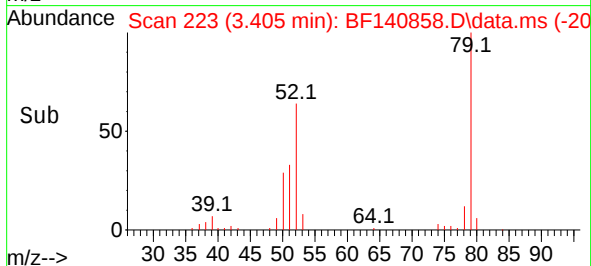
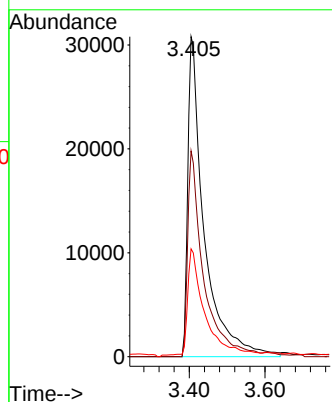
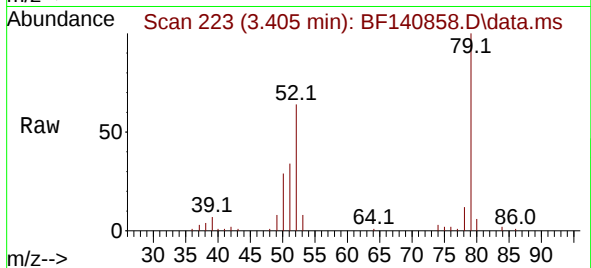
Tgt Ion: 79 Resp: 91704

Ion Ratio Lower Upper

79 100

52 64.3 51.7 77.5

51 33.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 20.501 ng

RT: 3.340 min Scan# 212

Delta R.T. -0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

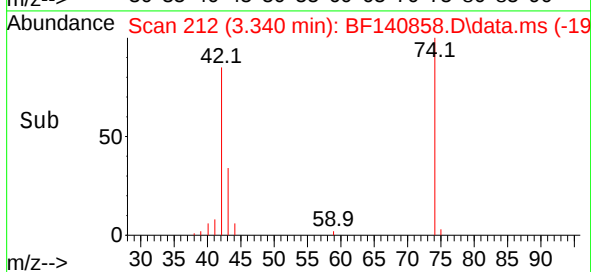
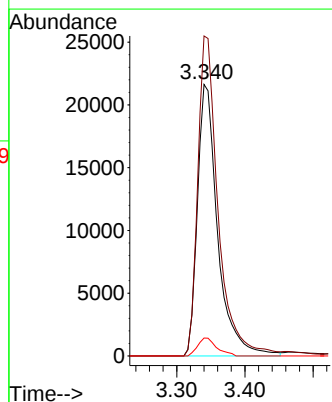
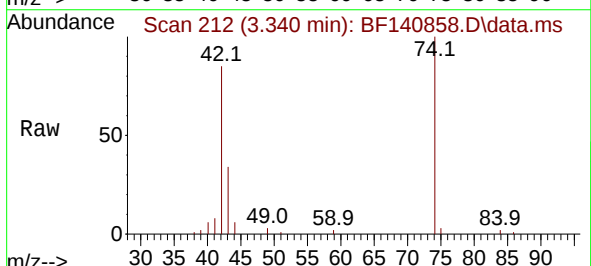
Tgt Ion: 42 Resp: 44712

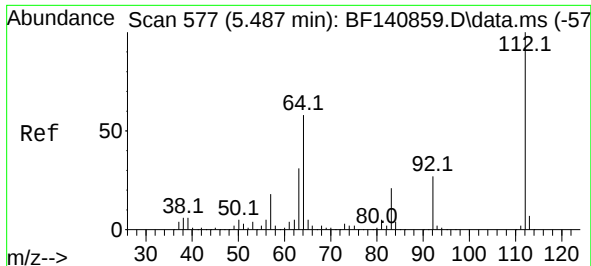
Ion Ratio Lower Upper

42 100

74 117.8 96.9 145.3

44 6.6 4.4 6.6

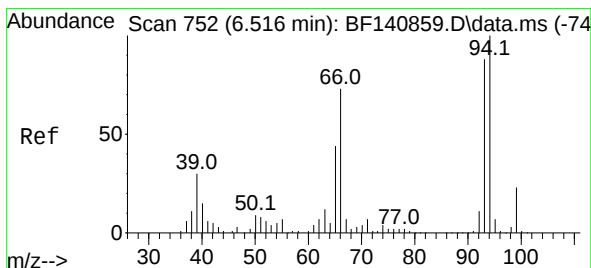
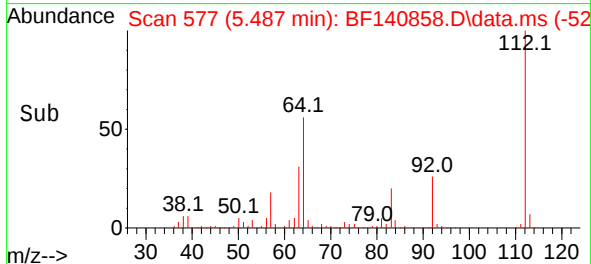
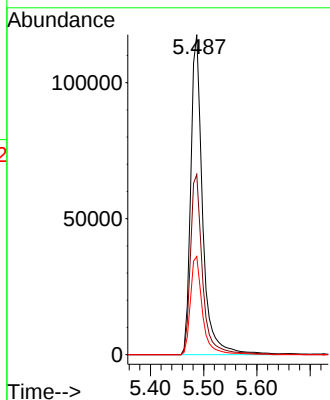
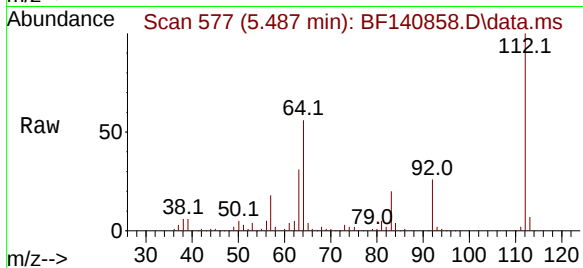




#5
2-Fluorophenol
Concen: 42.100 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

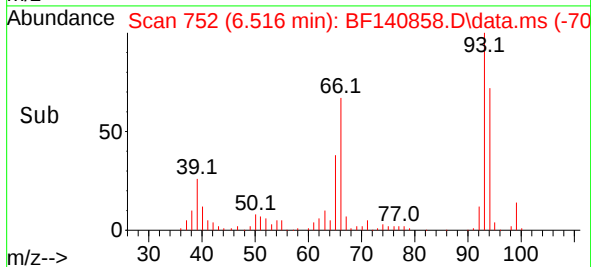
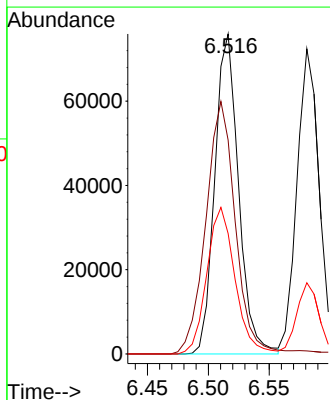
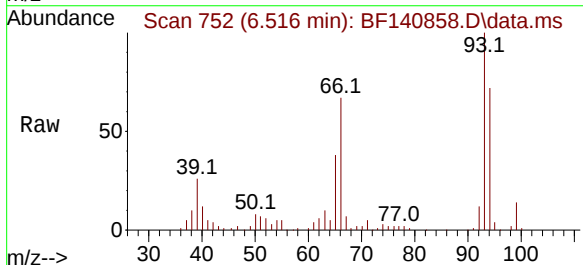
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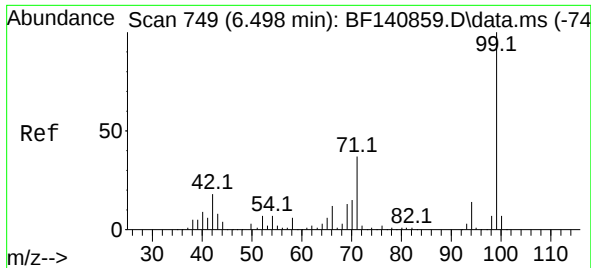
Tgt Ion:112 Resp: 182586
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 30.7 24.9 37.3



#6
Aniline
Concen: 21.043 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 93 Resp: 103355
Ion Ratio Lower Upper
93 100
66 66.9 67.0 100.4#
65 37.7 40.4 60.6#

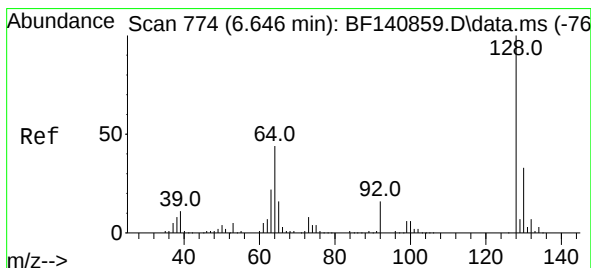
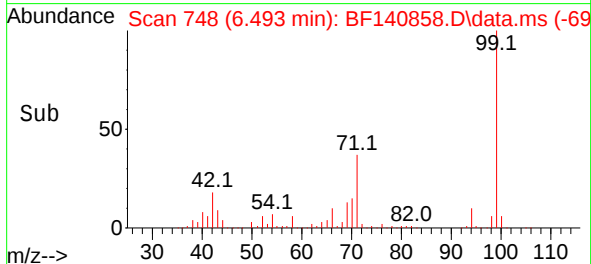
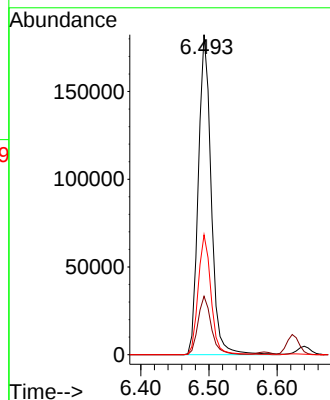
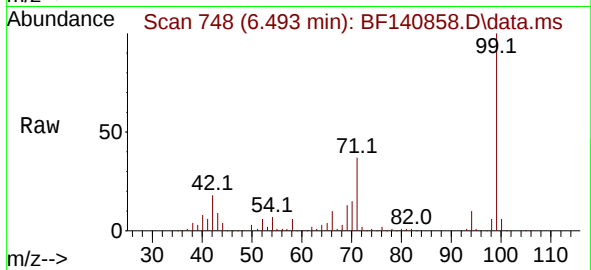




#7
Phenol-d6
Concen: 41.285 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

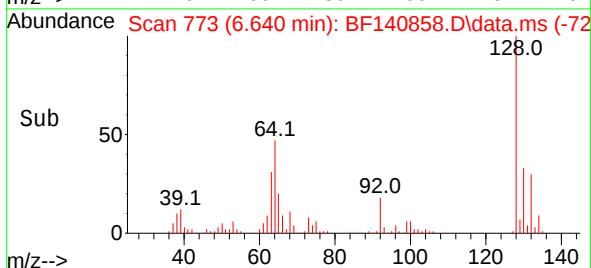
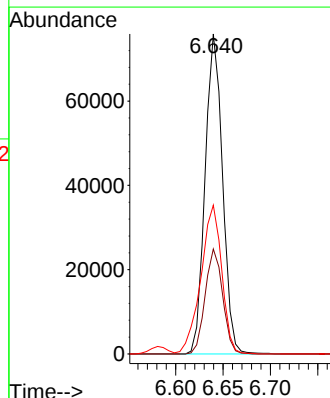
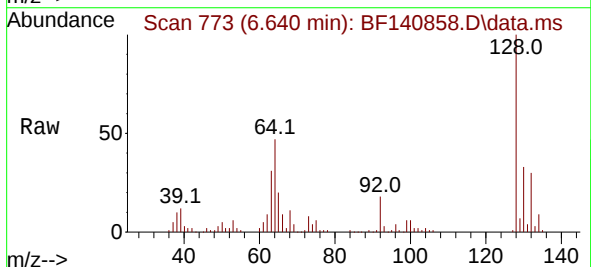
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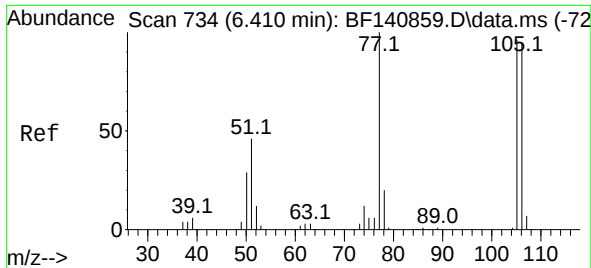
Tgt Ion: 99 Resp: 237156
Ion Ratio Lower Upper
99 100
42 18.3 14.3 21.5
71 37.4 29.9 44.9



#8
2-Chlorophenol
Concen: 20.490 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:128 Resp: 96909
Ion Ratio Lower Upper
128 100
130 32.8 12.9 52.9
64 46.5 24.3 64.3





#9

Benzaldehyde

Concen: 22.263 ng

RT: 6.404 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

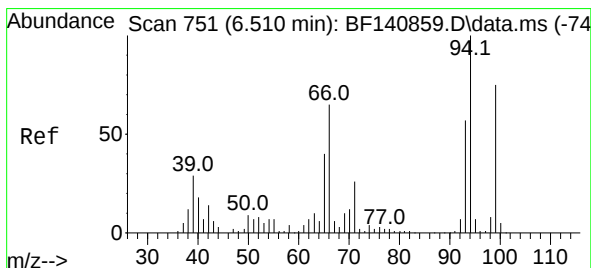
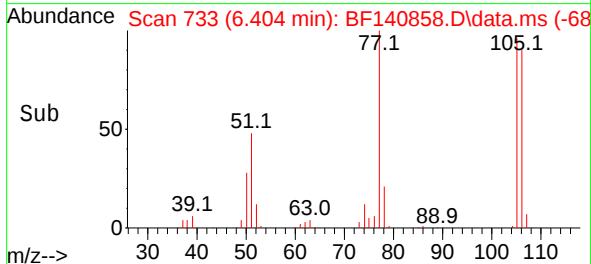
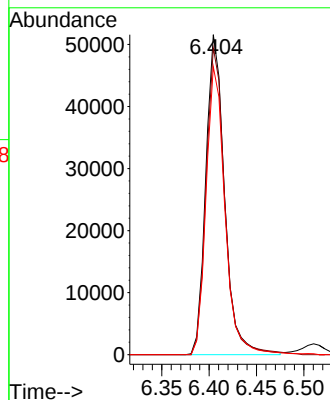
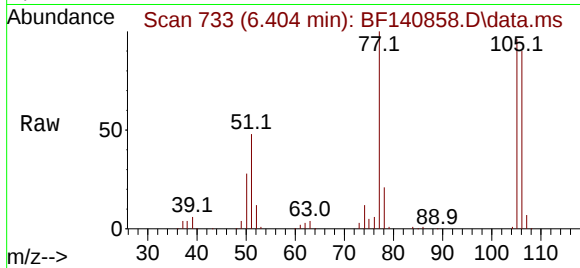
Tgt Ion: 77 Resp: 70862

Ion Ratio Lower Upper

77 100

105 95.9 75.8 115.8

106 89.9 74.1 114.1



#10

Phenol

Concen: 20.782 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

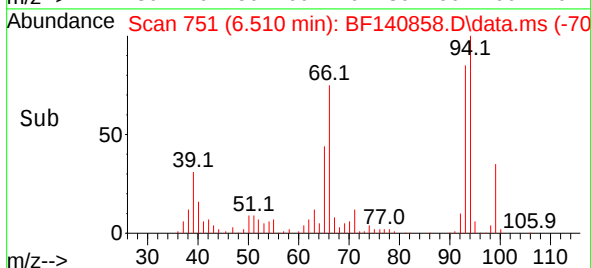
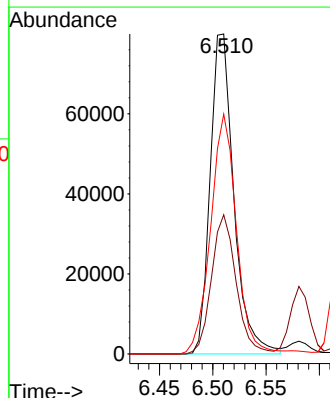
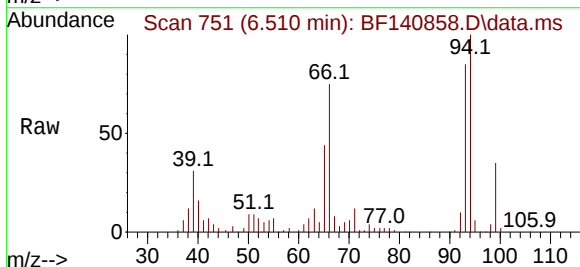
Tgt Ion: 94 Resp: 123728

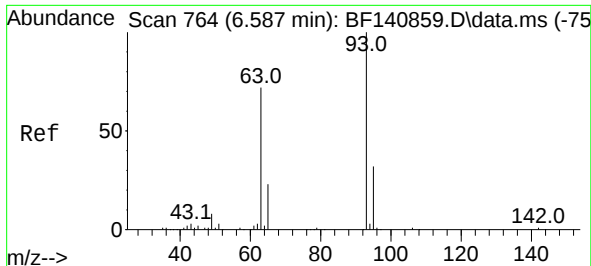
Ion Ratio Lower Upper

94 100

65 43.5 19.9 59.9

66 75.0 45.6 85.6

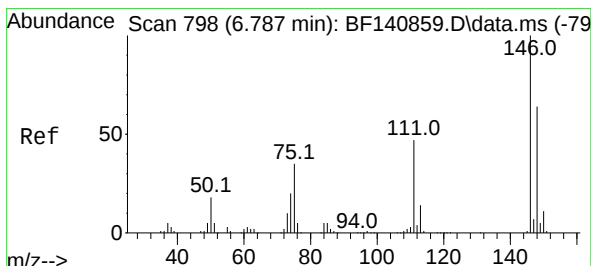
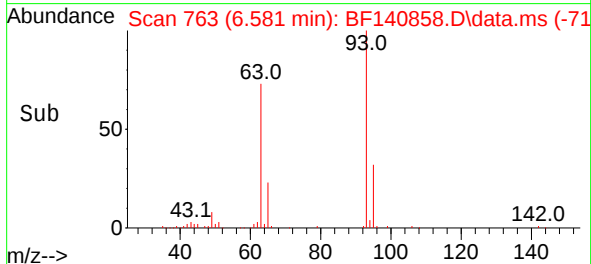
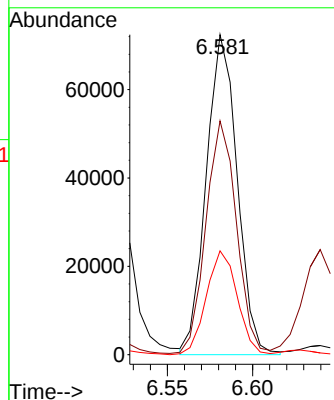
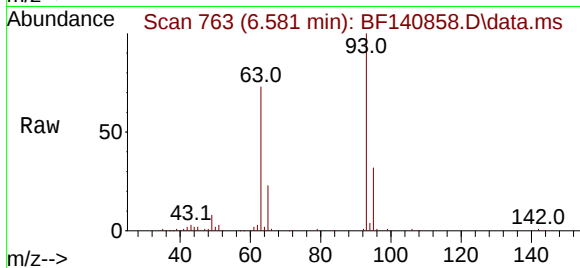




#11
bis(2-Chloroethyl)ether
Concen: 20.602 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

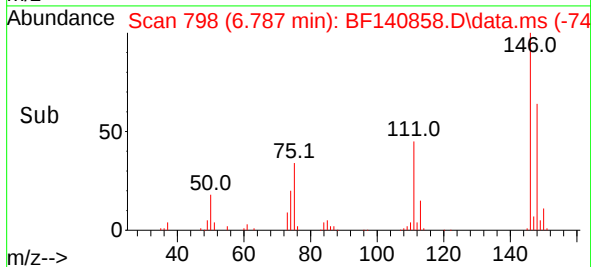
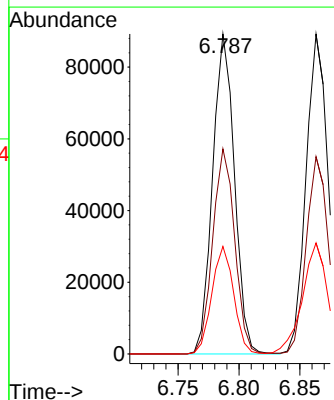
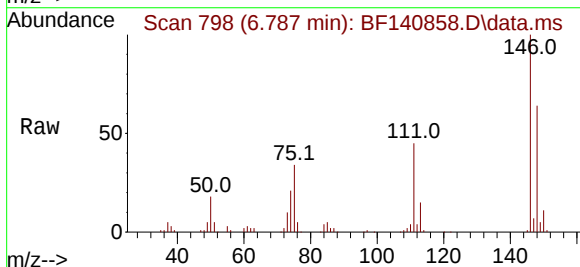
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

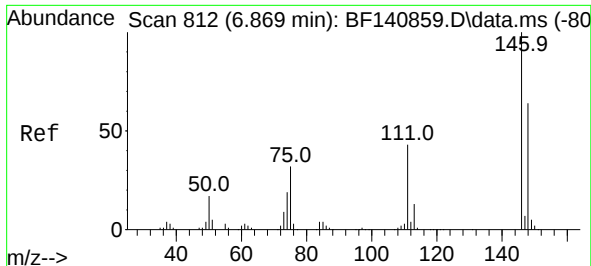
Tgt Ion: 93 Resp: 91473
Ion Ratio Lower Upper
93 100
63 73.0 51.0 91.0
95 32.5 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 20.624 ng
RT: 6.787 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:146 Resp: 111145
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
75 33.6 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 20.658 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

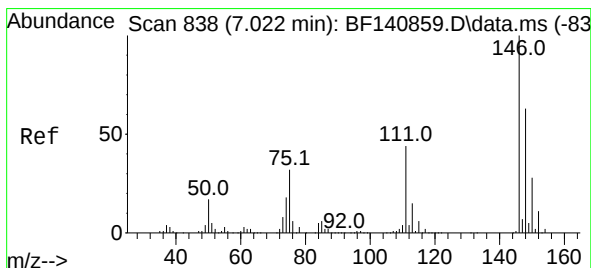
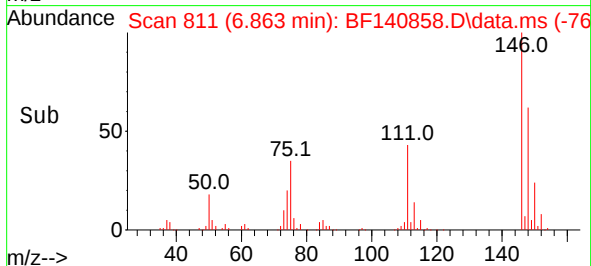
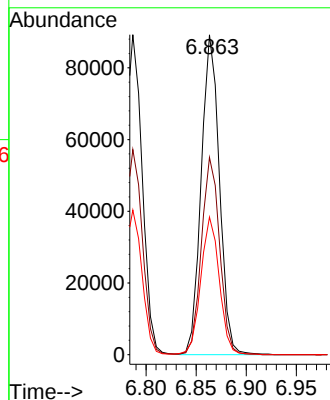
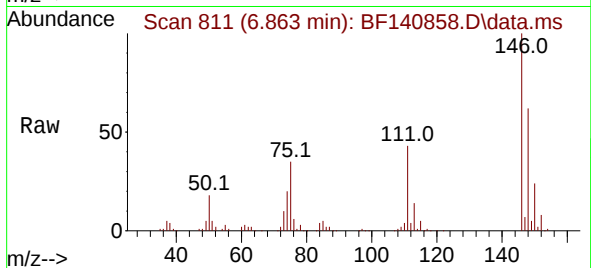
Tgt Ion:146 Resp: 113006

Ion Ratio Lower Upper

146 100

148 61.7 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 20.870 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

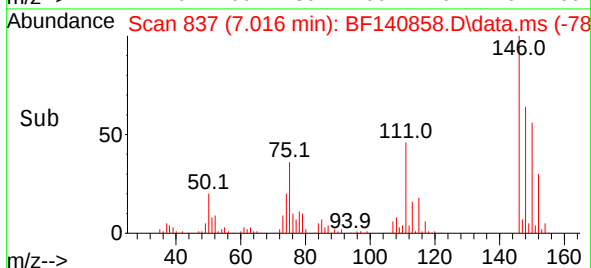
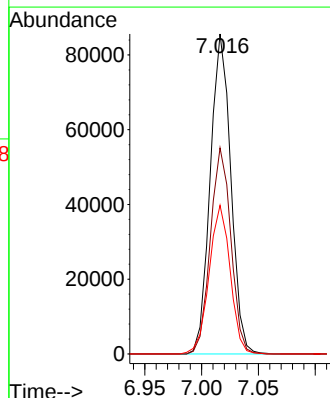
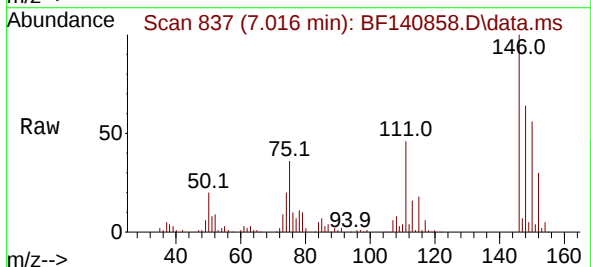
Tgt Ion:146 Resp: 107719

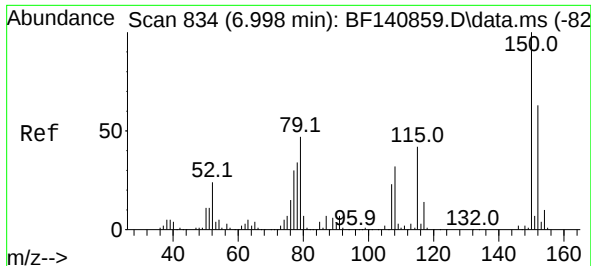
Ion Ratio Lower Upper

146 100

148 64.4 50.0 75.0

111 46.4 35.6 53.4

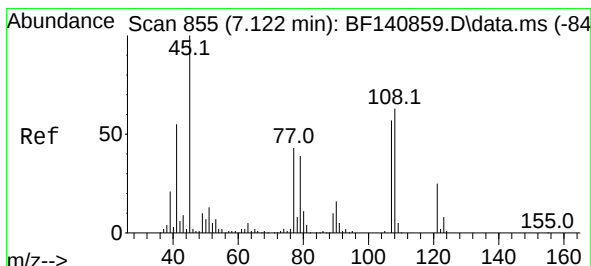
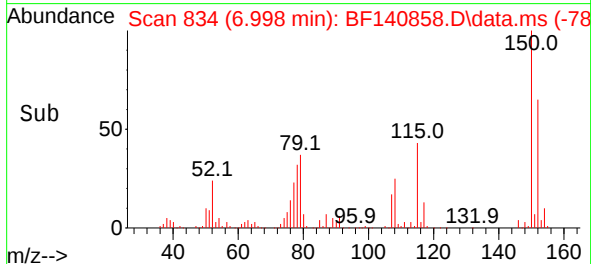
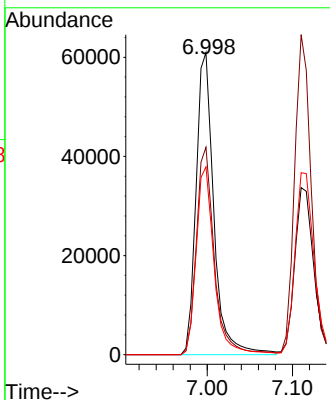
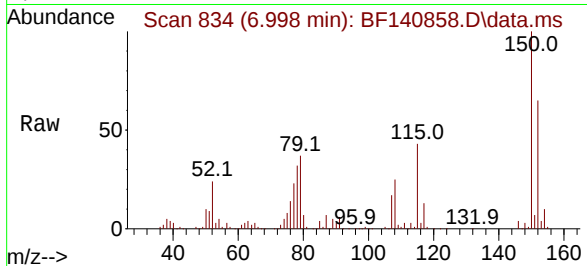




#15
Benzyl Alcohol
Concen: 21.487 ng
RT: 6.998 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

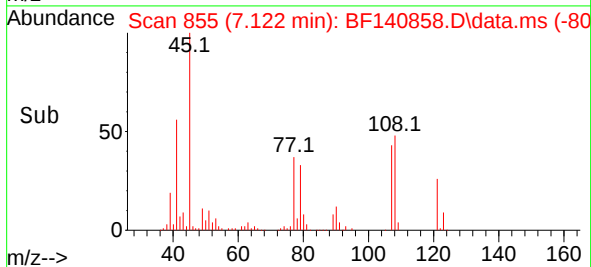
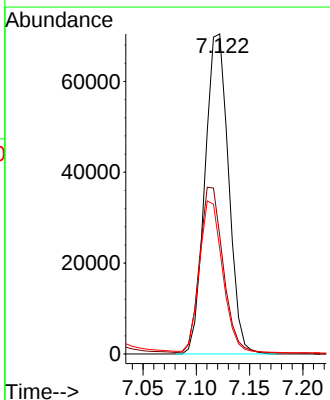
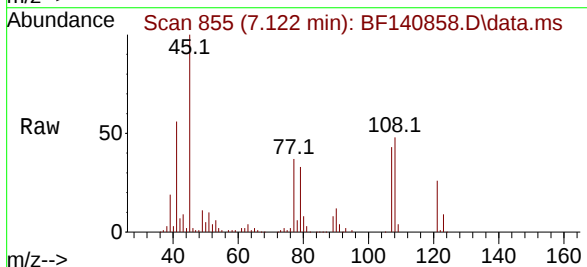
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

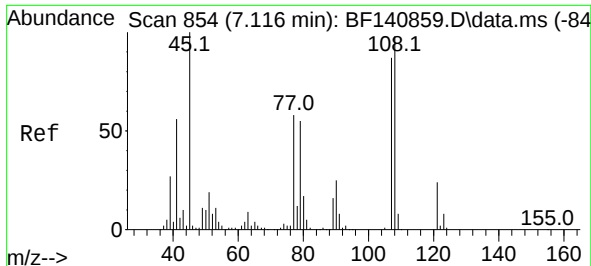
Tgt Ion: 79 Resp: 88251
Ion Ratio Lower Upper
79 100
108 68.6 55.1 82.7
77 62.2 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.739 ng
RT: 7.122 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion: 45 Resp: 108472
Ion Ratio Lower Upper
45 100
77 37.0 23.3 63.3
79 32.9 20.0 60.0

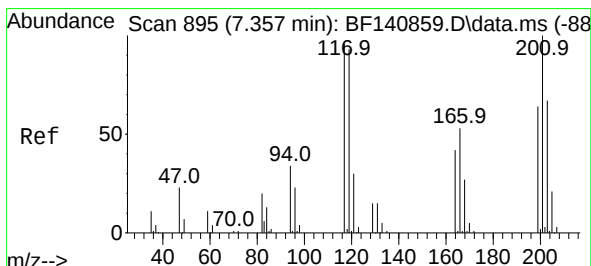
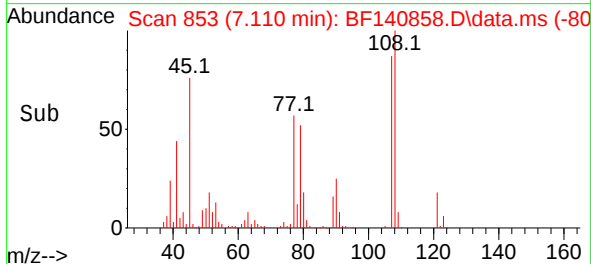
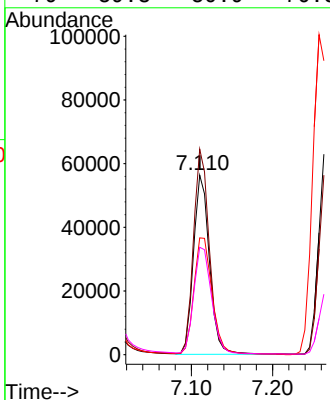
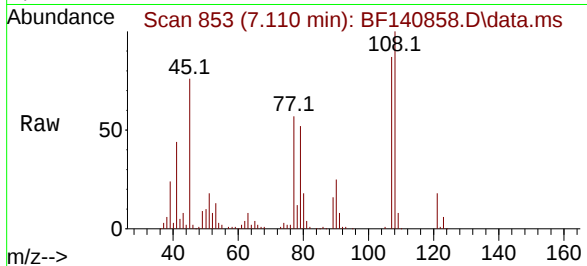




#17
2-Methylphenol
Concen: 20.427 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

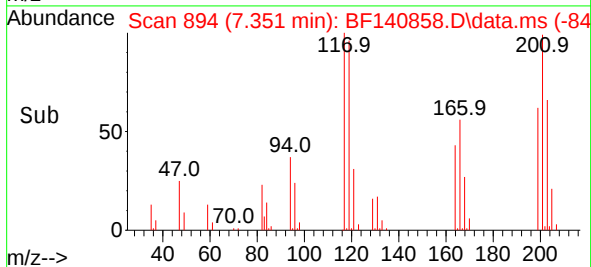
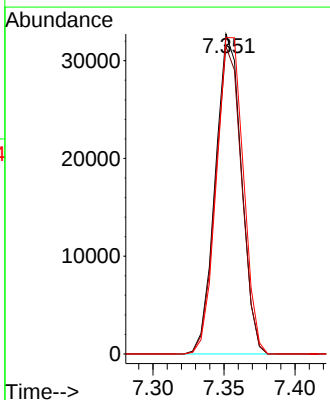
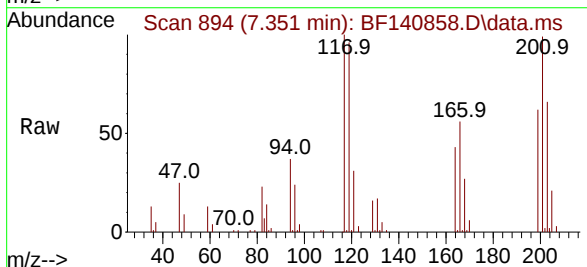
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

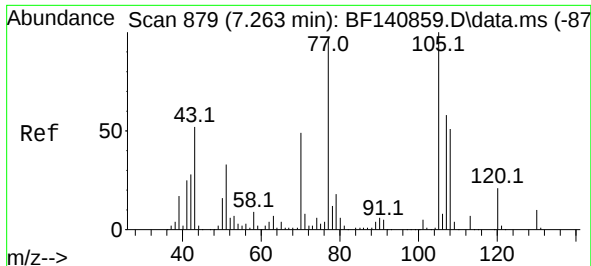
Tgt Ion:	107	Resp:	77132
Ion	Ratio	Lower	Upper
107	100		
108	114.5	90.2	135.4
77	65.1	53.8	80.6
79	59.8	50.9	76.3



#18
Hexachloroethane
Concen: 20.509 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:	117	Resp:	41766
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	98.9	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 20.705 ng

RT: 7.257 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 71344

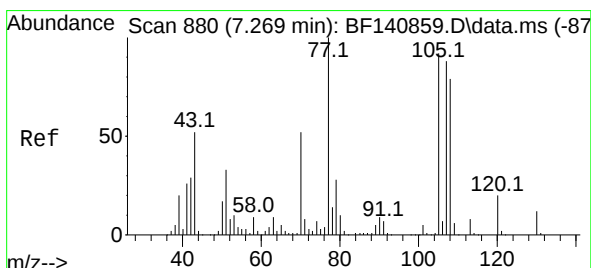
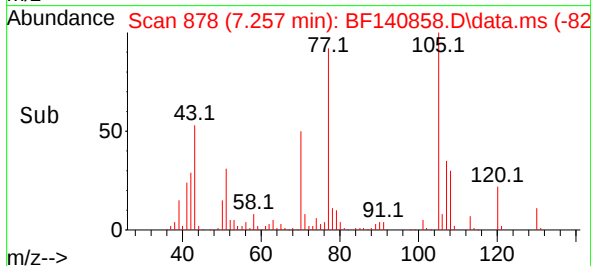
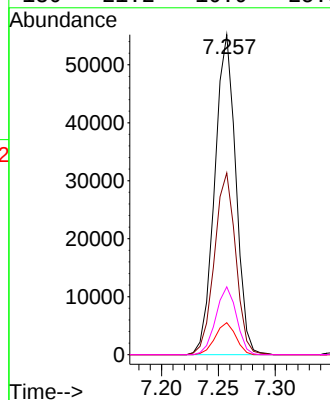
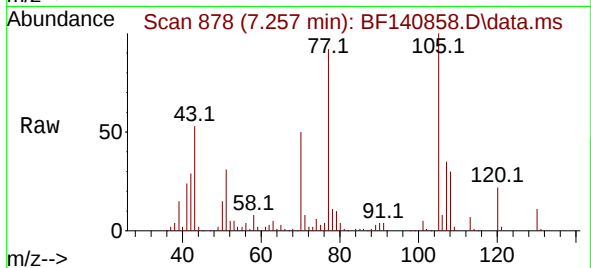
Ion Ratio Lower Upper

70 100

42 56.8 45.3 67.9

101 10.0 8.0 12.0

130 21.2 16.9 25.3



#20

3+4-Methylphenols

Concen: 20.534 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion:107 Resp: 102814

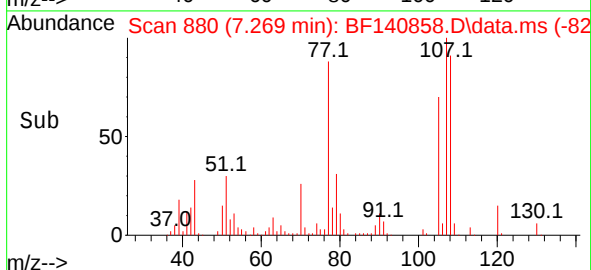
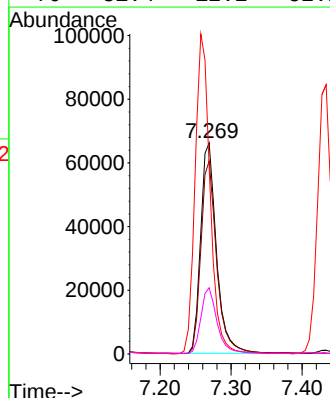
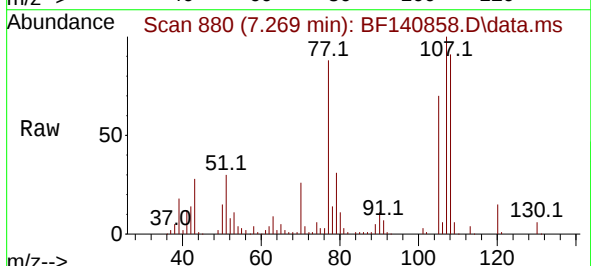
Ion Ratio Lower Upper

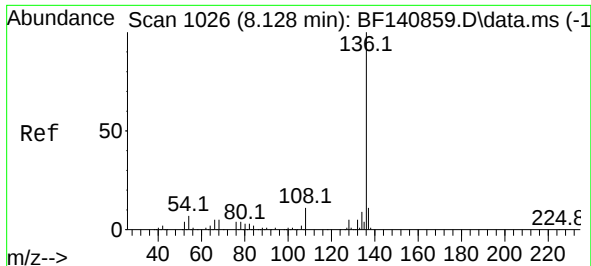
107 100

108 91.5 70.1 110.1

77 88.5 94.4 134.4#

79 31.4 12.2 52.2

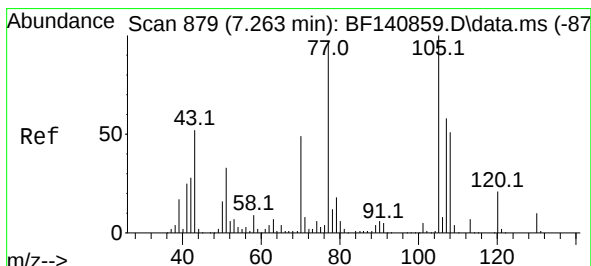
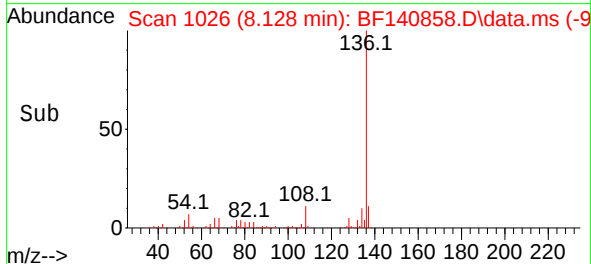
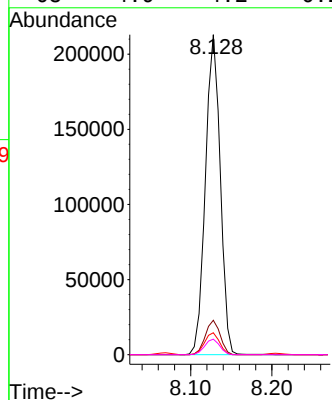
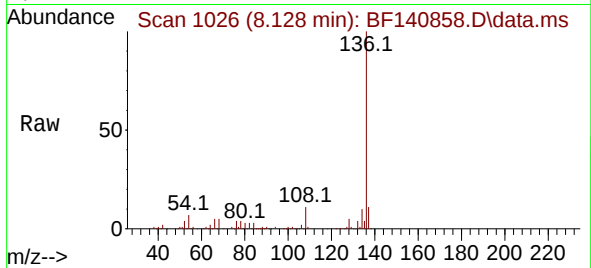




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

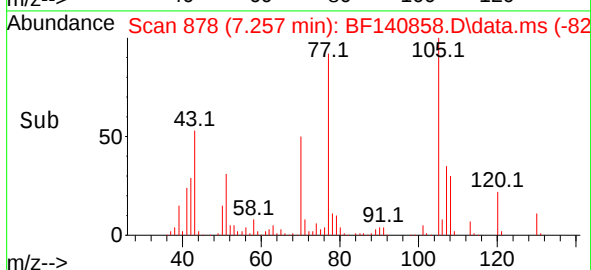
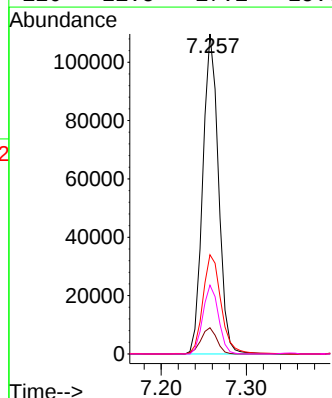
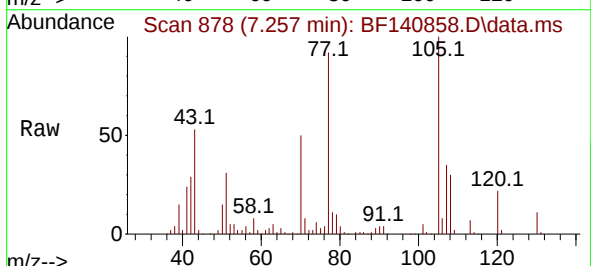
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

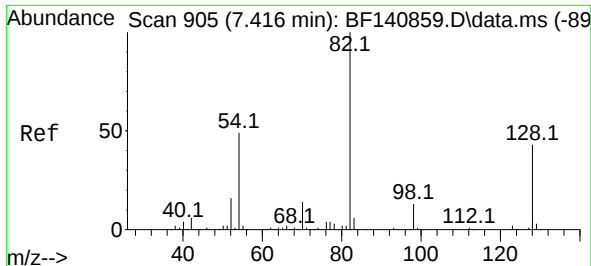
Tgt Ion:	136	Resp:	269448
Ion Ratio	Lower	Upper	
136	100		
137	10.8	9.0	13.4
54	6.8	5.6	8.4
68	4.9	4.2	6.2



#22
Acetophenone
Concen: 20.798 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:	105	Resp:	140187
Ion Ratio	Lower	Upper	
105	100		
71	8.2	6.2	9.4
51	31.0	26.3	39.5
120	21.5	17.1	25.7





#23

Nitrobenzene-d5

Concen: 42.030 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

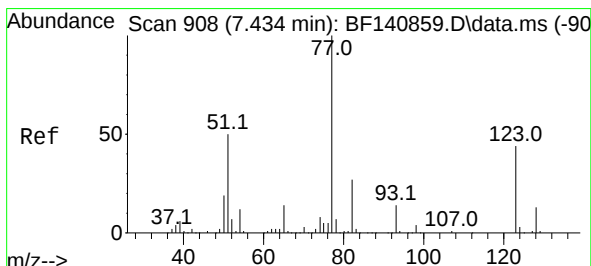
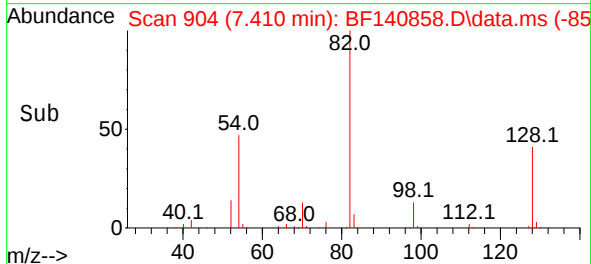
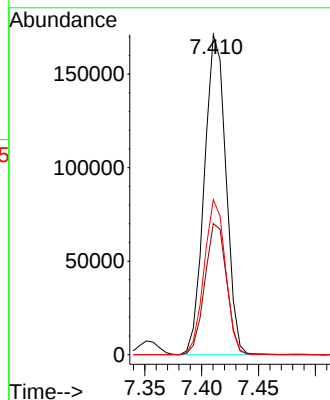
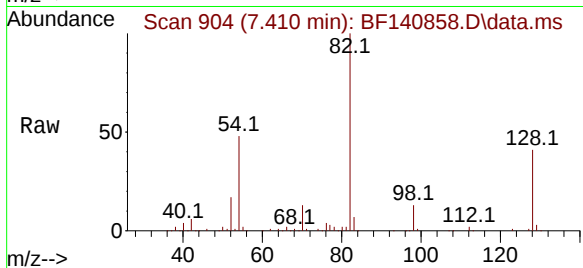
Tgt Ion: 82 Resp: 226356

Ion Ratio Lower Upper

82 100

128 40.9 34.4 51.6

54 48.5 38.8 58.2



#24

Nitrobenzene

Concen: 20.750 ng

RT: 7.434 min Scan# 908

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

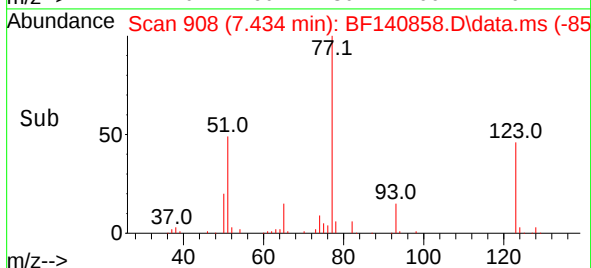
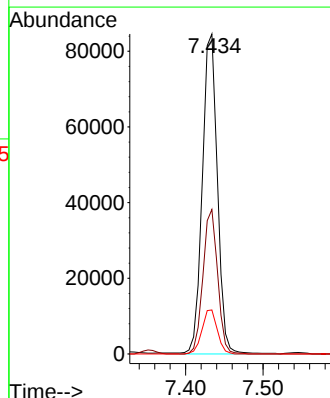
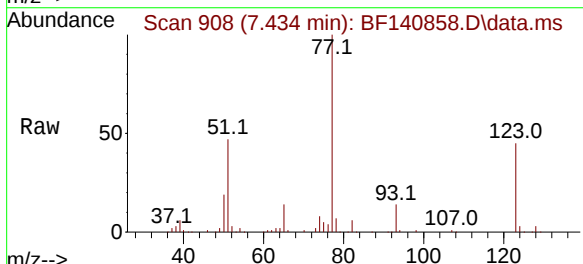
Tgt Ion: 77 Resp: 114486

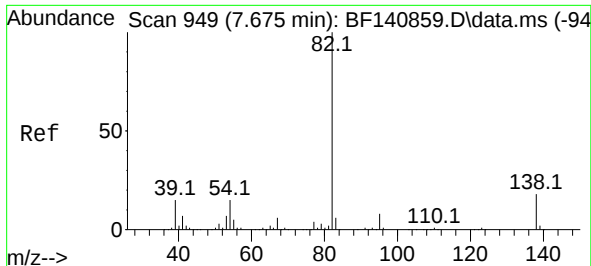
Ion Ratio Lower Upper

77 100

123 45.2 35.0 52.4

65 13.7 11.4 17.0

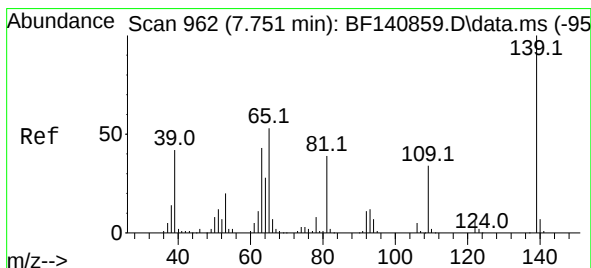
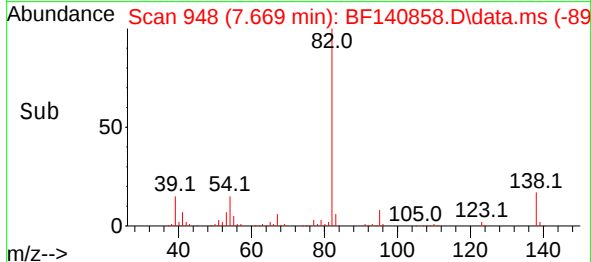
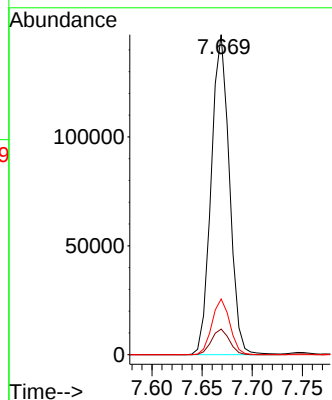
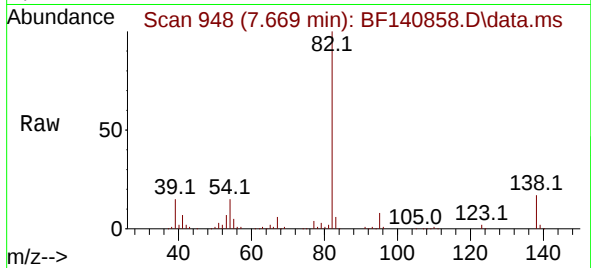




#25
Isophorone
Concen: 20.601 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

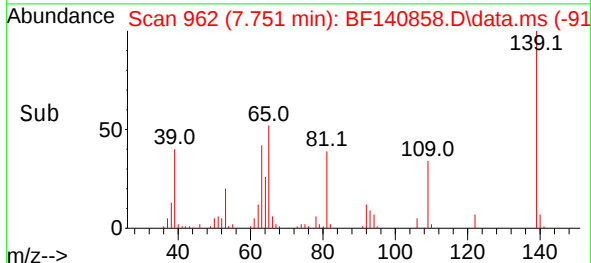
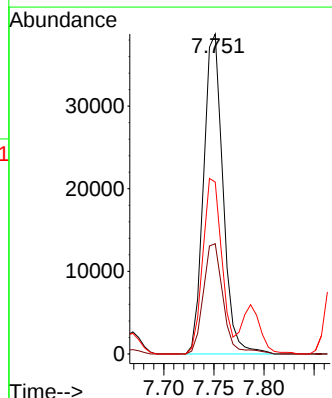
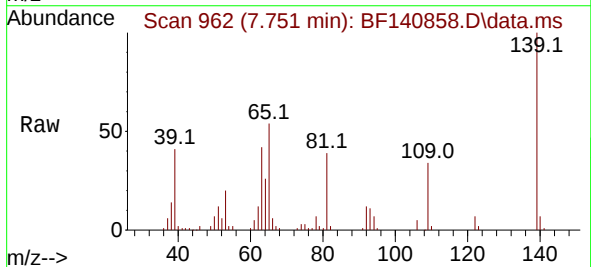
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

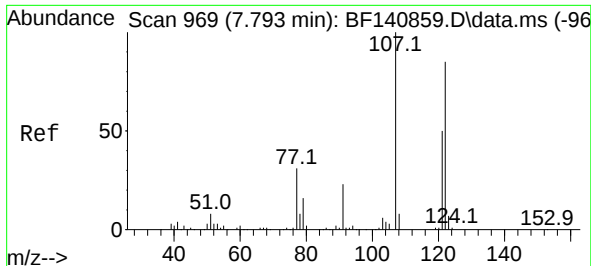
Tgt Ion: 82 Resp: 185900
Ion Ratio Lower Upper
82 100
95 8.0 6.3 9.5
138 17.4 14.1 21.1



#26
2-Nitrophenol
Concen: 20.516 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:139 Resp: 52133
Ion Ratio Lower Upper
139 100
109 34.5 26.9 40.3
65 53.7 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 20.471 ng

RT: 7.787 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

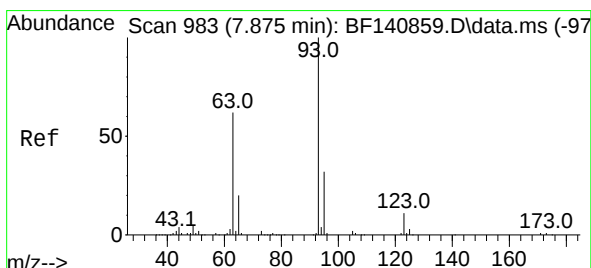
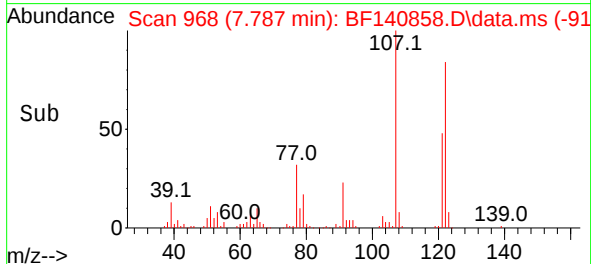
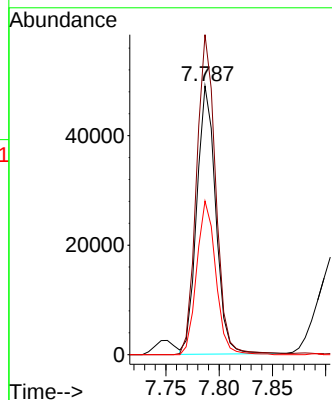
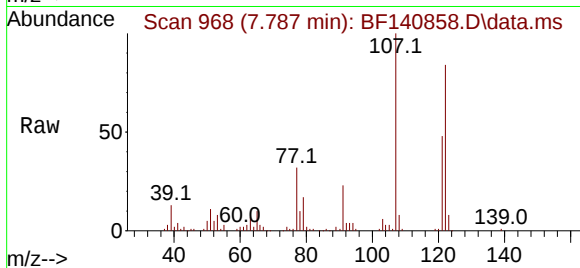
Tgt Ion:122 Resp: 60750

Ion Ratio Lower Upper

122 100

107 119.1 92.6 139.0

121 57.2 45.8 68.8



#28

bis(2-Chloroethoxy)methane

Concen: 20.512 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

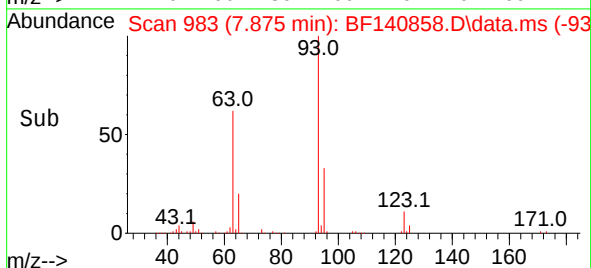
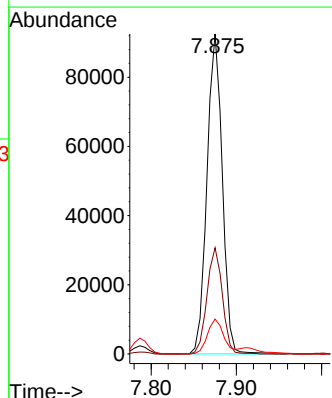
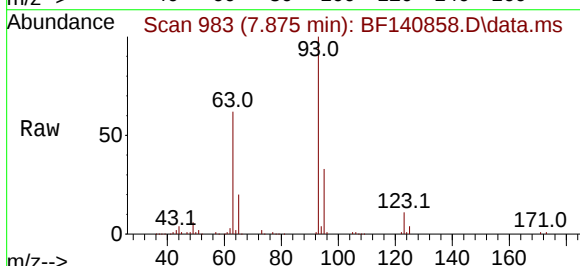
Tgt Ion: 93 Resp: 115605

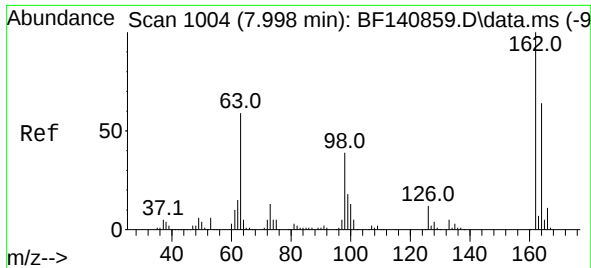
Ion Ratio Lower Upper

93 100

95 33.2 25.3 37.9

123 10.9 8.6 13.0

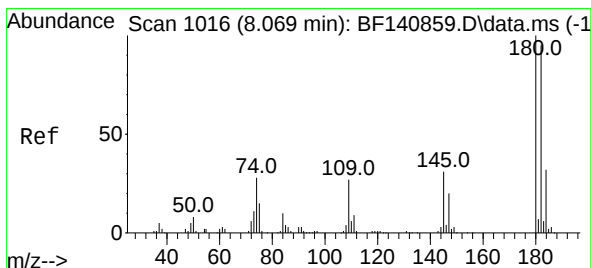
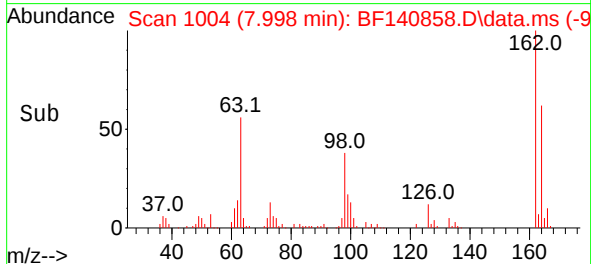
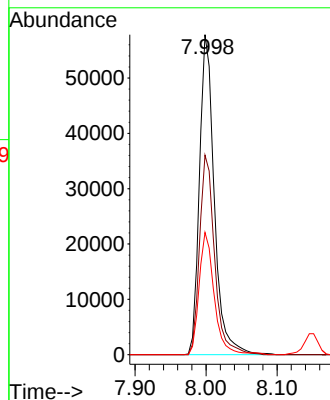
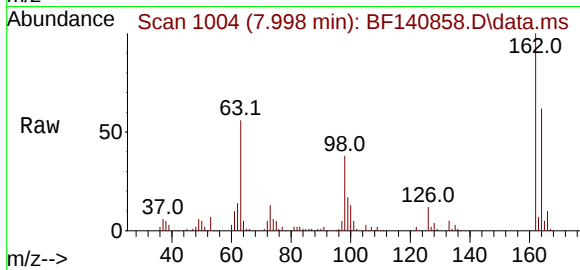




#29
2,4-Dichlorophenol
Concen: 20.575 ng
RT: 7.998 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

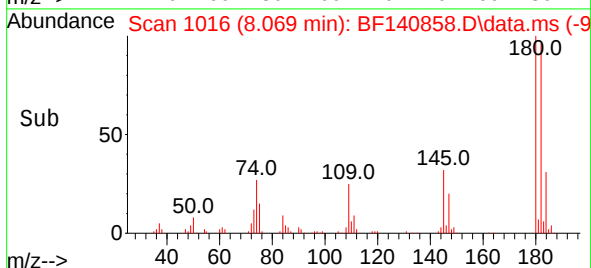
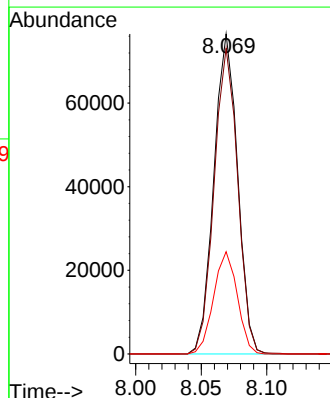
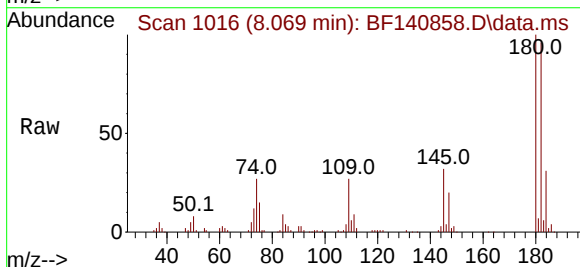
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

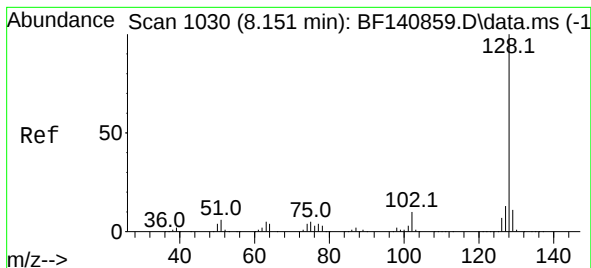
Tgt Ion:162 Resp: 84299
Ion Ratio Lower Upper
162 100
164 62.3 43.7 83.7
98 38.2 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 20.481 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:180 Resp: 96194
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.6
145 31.9 25.2 37.8





#31

Naphthalene

Concen: 20.500 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

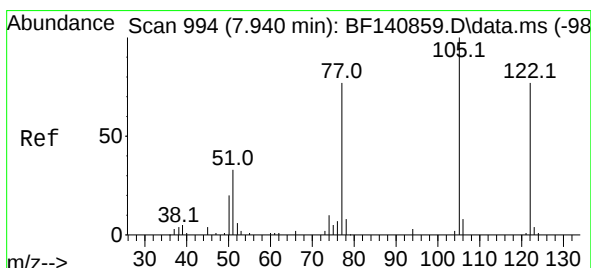
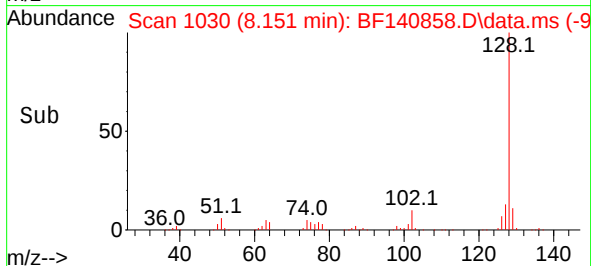
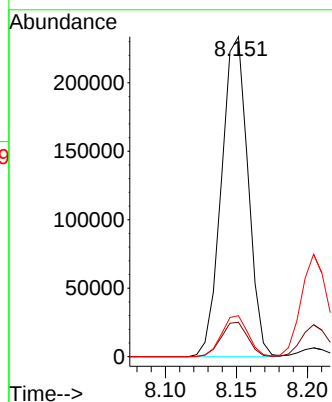
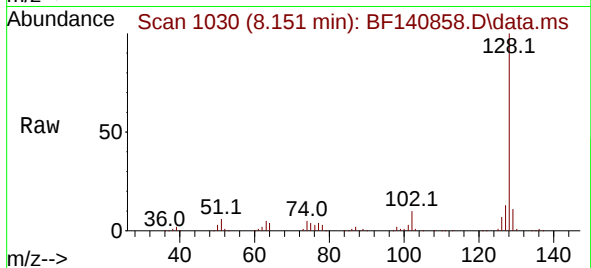
Tgt Ion:128 Resp: 303425

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 12.8 10.6 16.0



#32

Benzoic acid

Concen: 18.394 ng

RT: 7.910 min Scan# 989

Delta R.T. -0.030 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

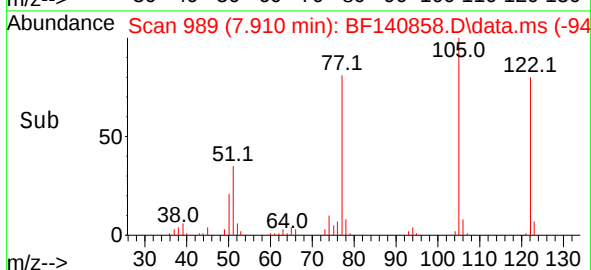
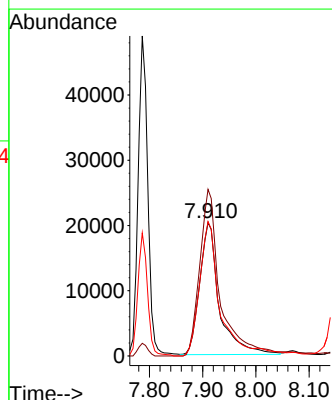
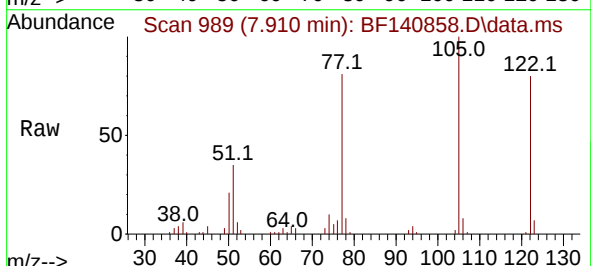
Tgt Ion:122 Resp: 51770

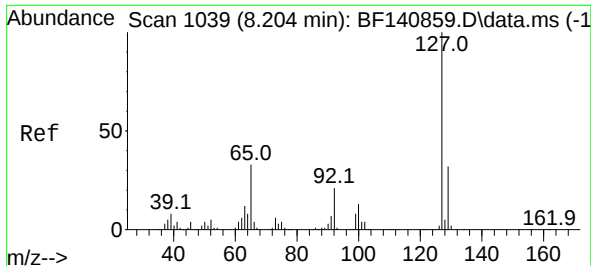
Ion Ratio Lower Upper

122 100

105 125.0 108.3 148.3

77 100.9 78.8 118.8





#33

4-Chloroaniline

Concen: 20.664 ng

RT: 8.204 min Scan# 1039

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 101583

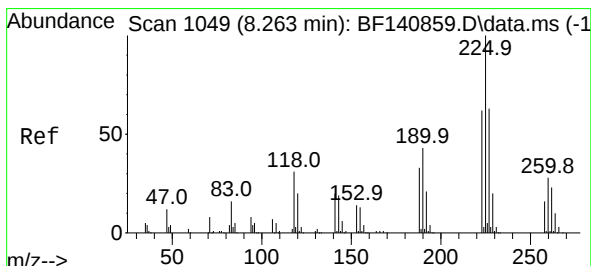
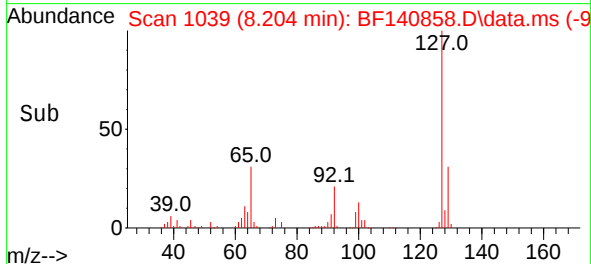
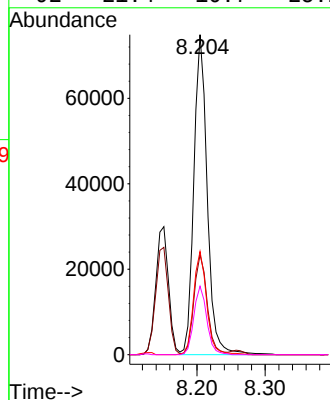
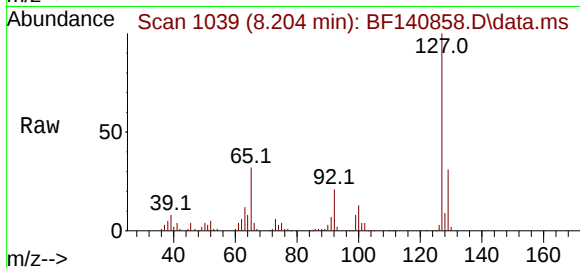
Ion Ratio Lower Upper

127 100

129 31.3 26.0 39.0

65 32.3 26.0 39.0

92 21.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 20.824 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

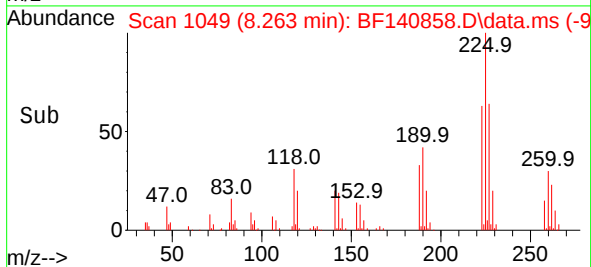
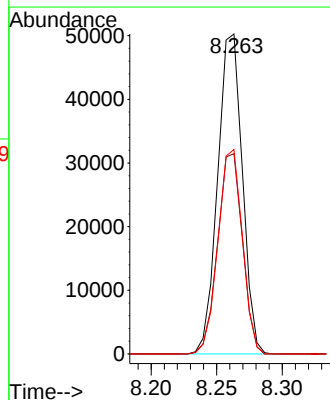
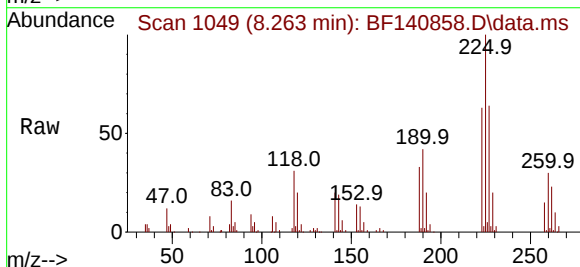
Tgt Ion:225 Resp: 65803

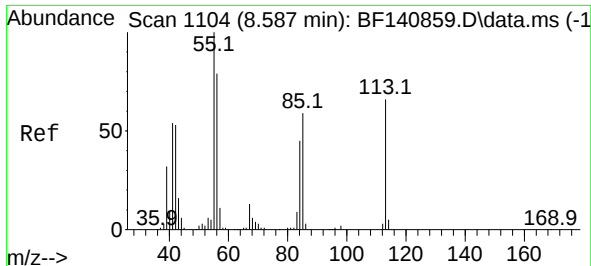
Ion Ratio Lower Upper

225 100

223 62.6 49.6 74.4

227 63.9 50.7 76.1





#35

Caprolactam

Concen: 19.958 ng

RT: 8.569 min Scan# 1101

Delta R.T. -0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

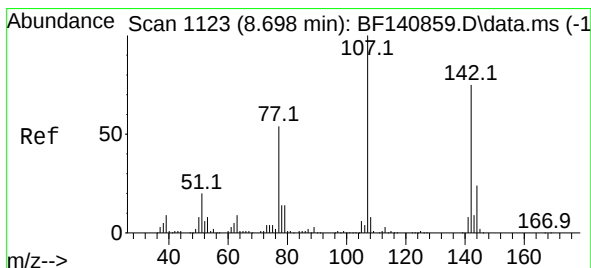
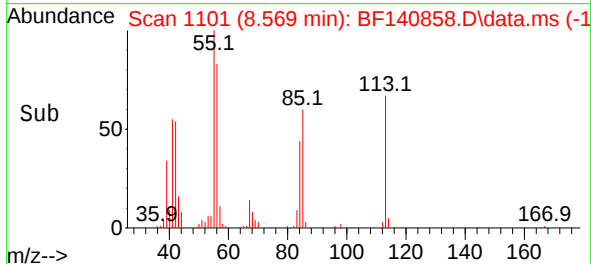
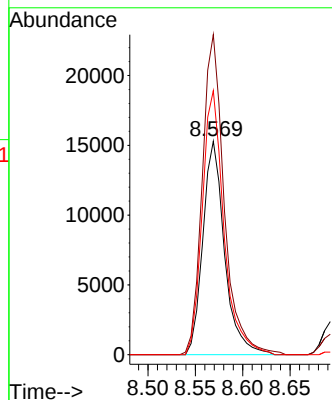
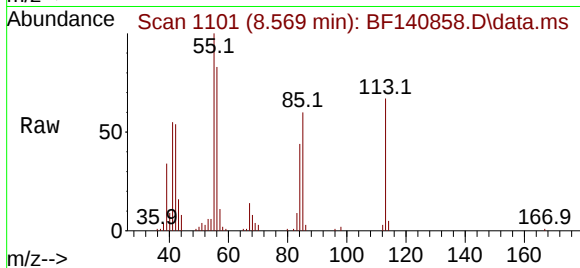
Tgt Ion:113 Resp: 24344

Ion Ratio Lower Upper

113 100

55 149.9 132.3 172.3

56 123.7 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 20.300 ng

RT: 8.693 min Scan# 1122

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

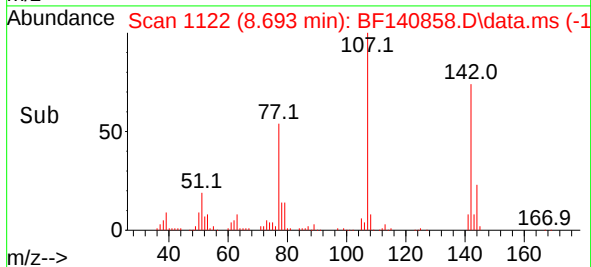
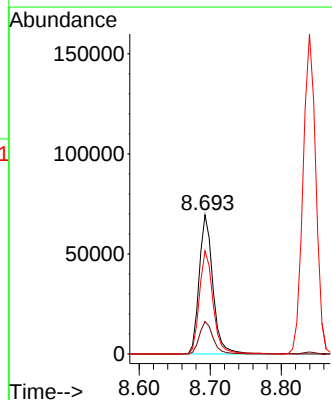
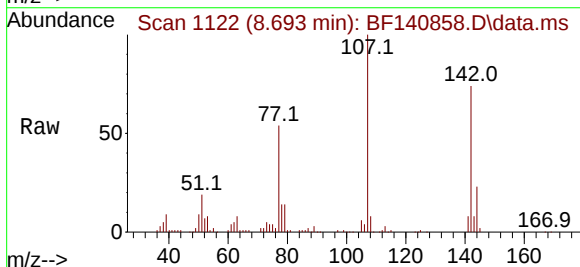
Tgt Ion:107 Resp: 93611

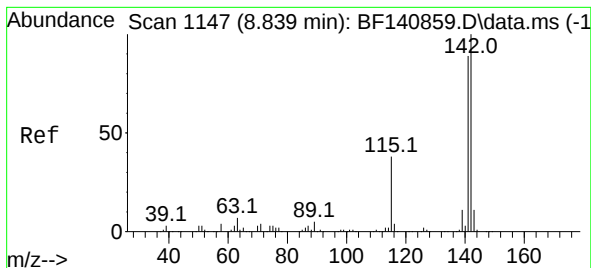
Ion Ratio Lower Upper

107 100

144 23.4 19.4 29.2

142 74.1 60.3 90.5





#37

2-Methylnaphthalene

Concen: 20.375 ng

RT: 8.840 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

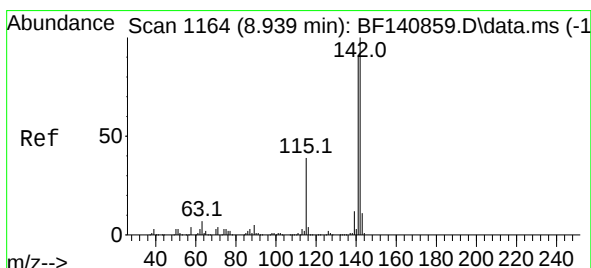
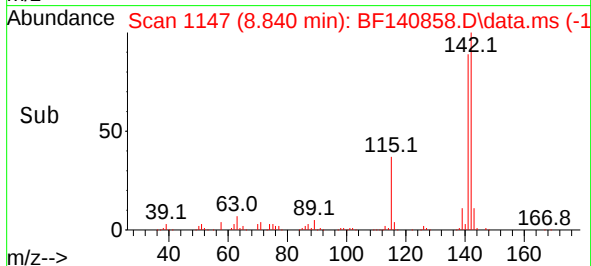
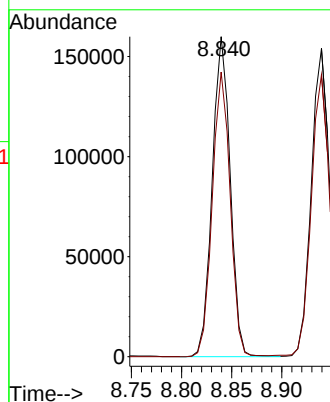
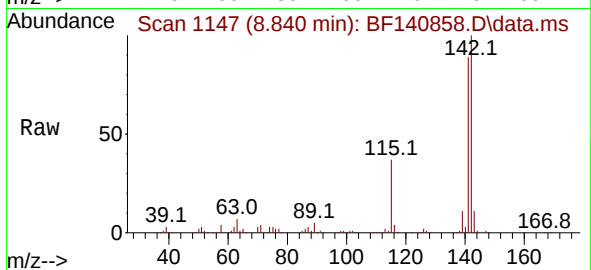
SSTDICC020

Tgt Ion:142 Resp: 199492

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 19.937 ng

RT: 8.940 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140858.D

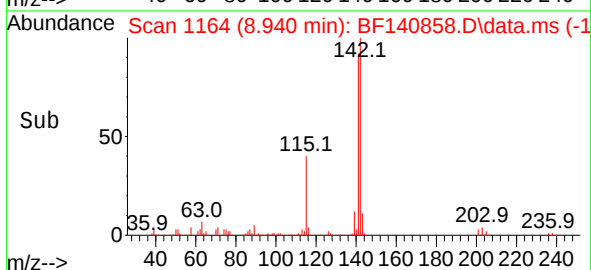
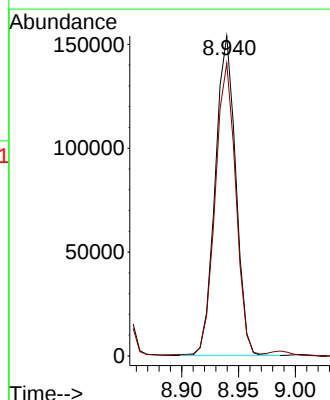
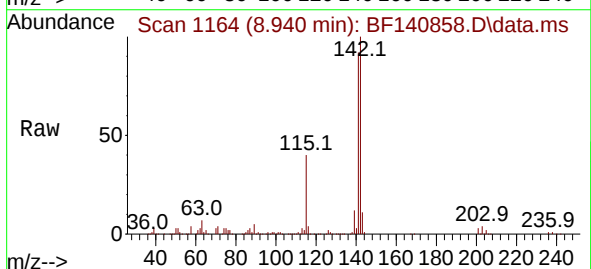
Acq: 16 Dec 2024 14:00

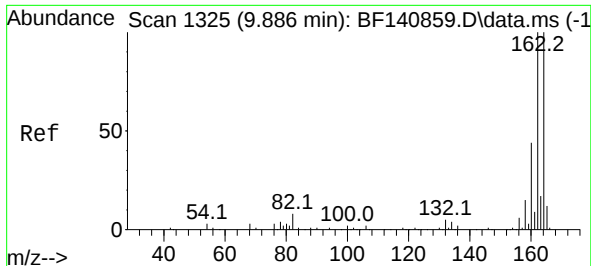
Tgt Ion:142 Resp: 193053

Ion Ratio Lower Upper

142 100

141 91.5 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: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

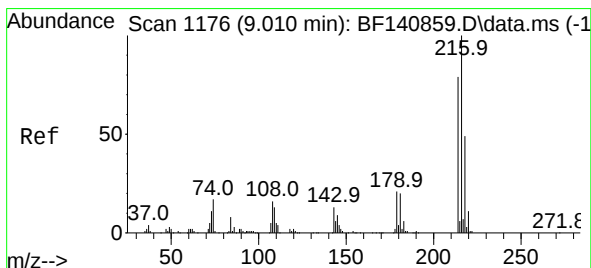
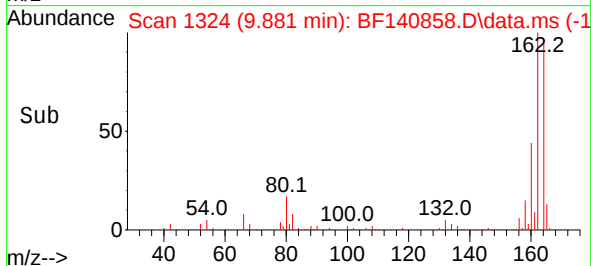
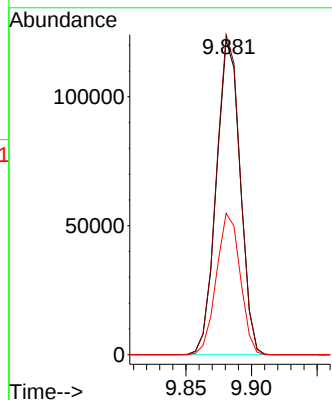
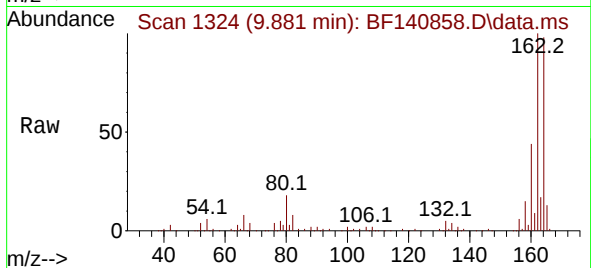
Tgt Ion:164 Resp: 153586

Ion Ratio Lower Upper

164 100

162 101.8 79.9 119.9

160 45.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.869 ng

RT: 9.004 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion:216 Resp: 98517

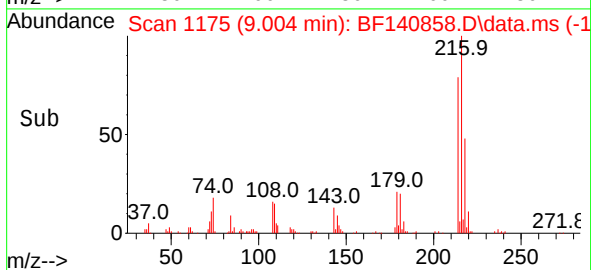
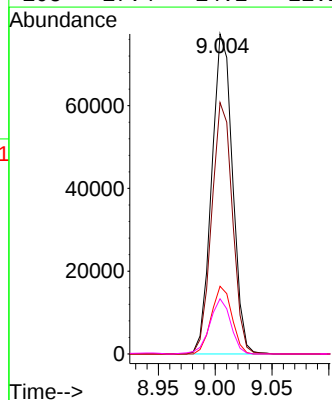
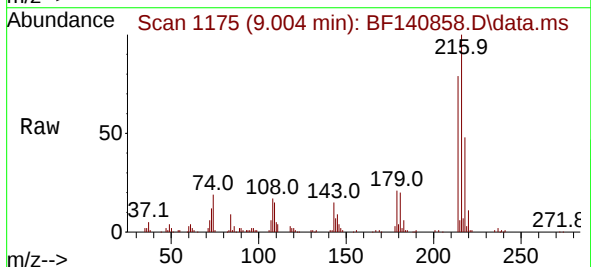
Ion Ratio Lower Upper

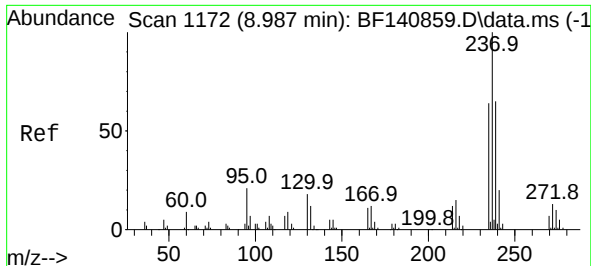
216 100

214 78.3 63.6 95.4

179 20.8 17.0 25.4

108 17.4 14.2 21.2

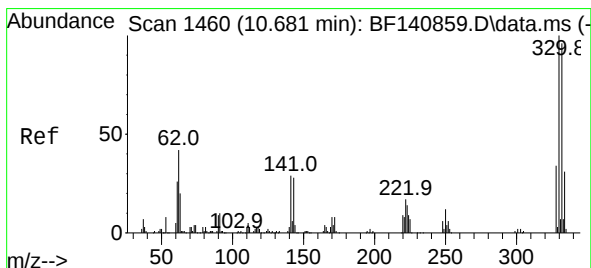
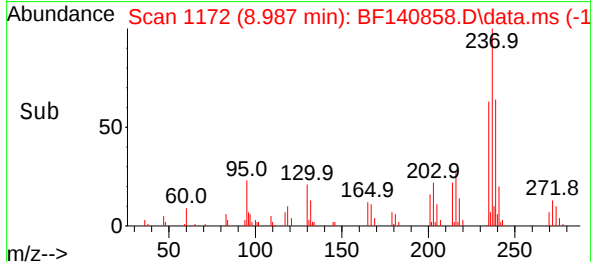
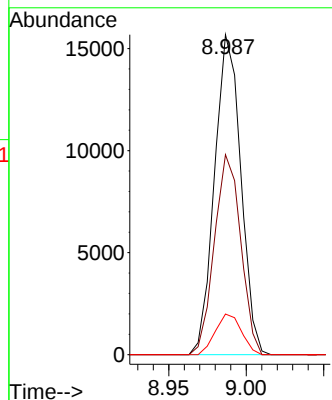
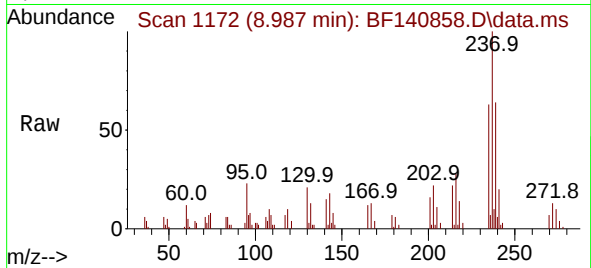




#41
Hexachlorocyclopentadiene
Concen: 21.391 ng
RT: 8.987 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

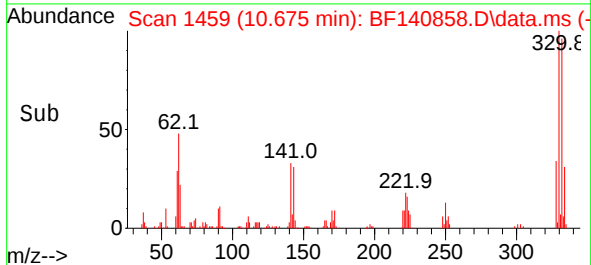
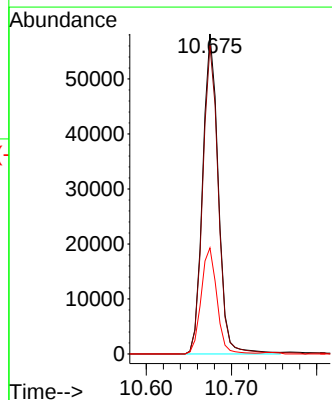
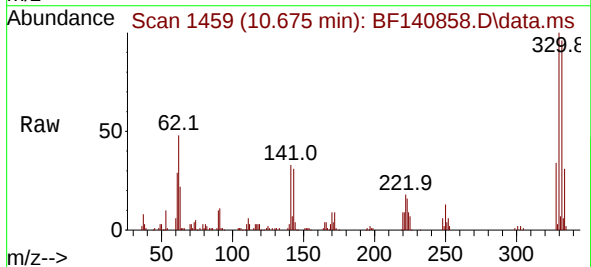
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

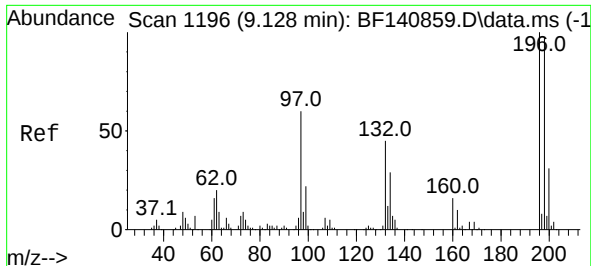
Tgt Ion:237 Resp: 18486
Ion Ratio Lower Upper
237 100
235 62.5 43.7 83.7
272 12.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 40.909 ng
RT: 10.675 min Scan# 1459
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:330 Resp: 74311
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 33.3 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 20.509 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

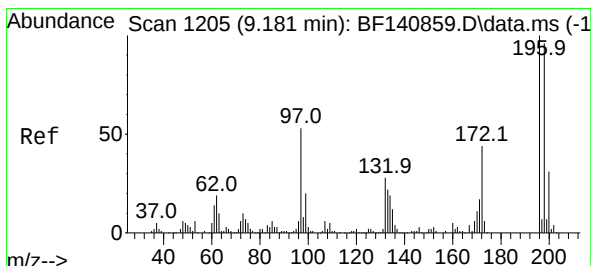
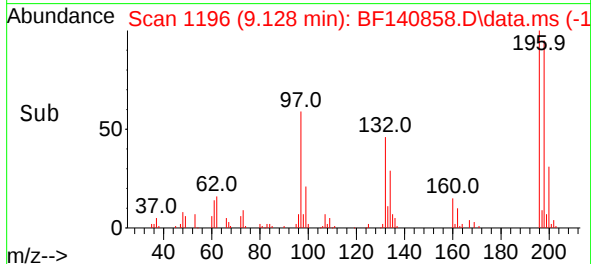
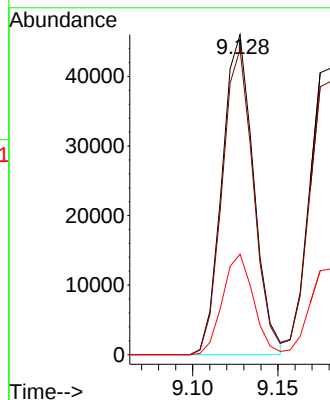
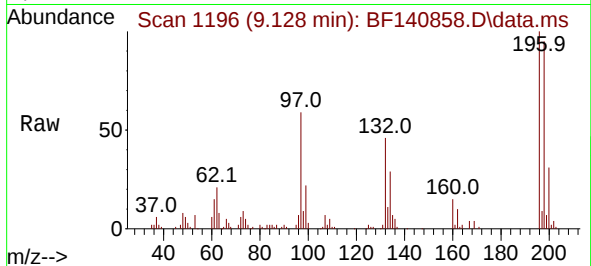
Tgt Ion:196 Resp: 59284

Ion Ratio Lower Upper

196 100

198 95.5 77.4 116.0

200 31.5 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 20.600 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion:196 Resp: 65450

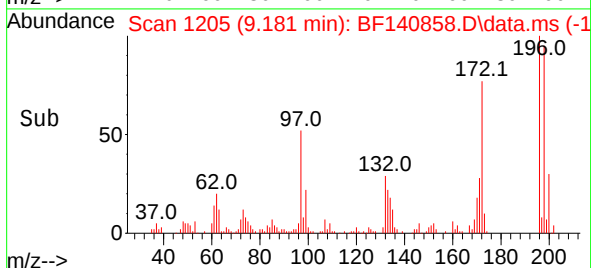
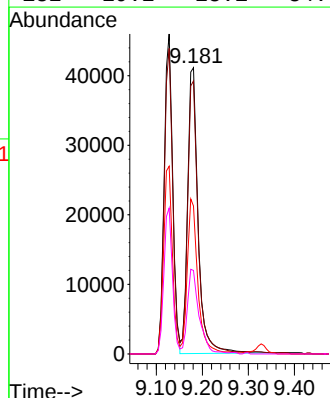
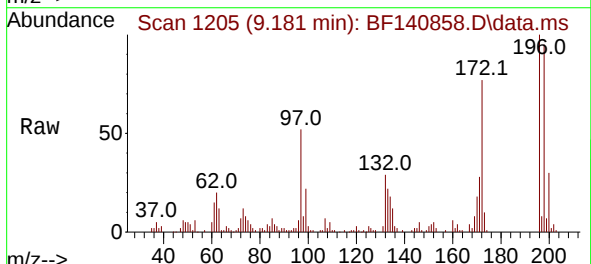
Ion Ratio Lower Upper

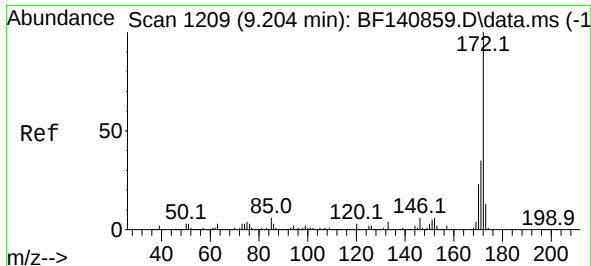
196 100

198 95.3 77.2 115.8

97 51.7 42.2 63.4

132 29.2 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 42.281 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

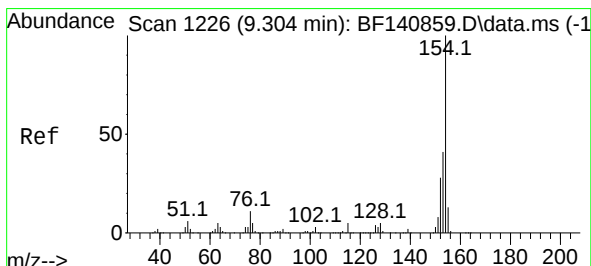
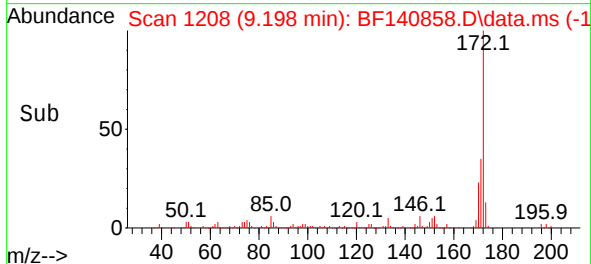
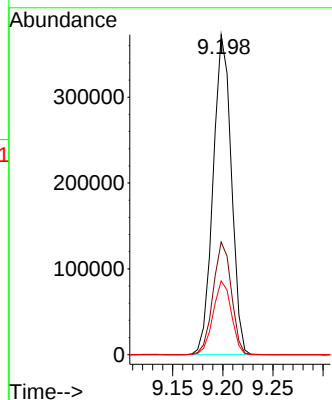
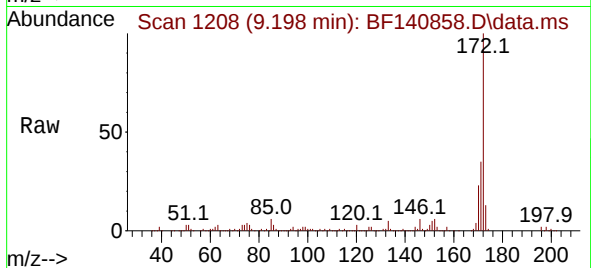
Tgt Ion:172 Resp: 472330

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.1 18.6 28.0



#46

1,1'-Biphenyl

Concen: 20.606 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

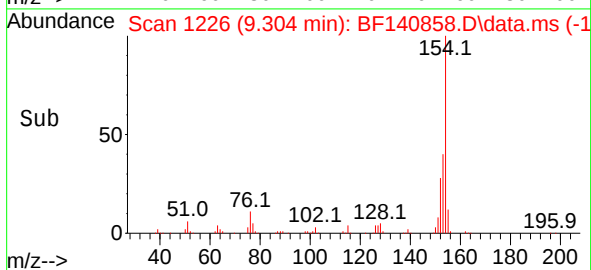
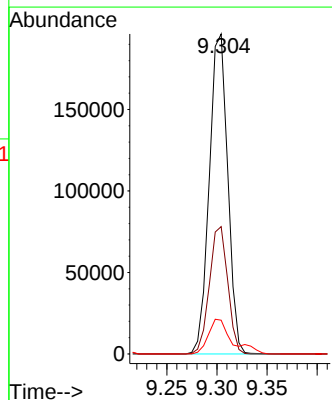
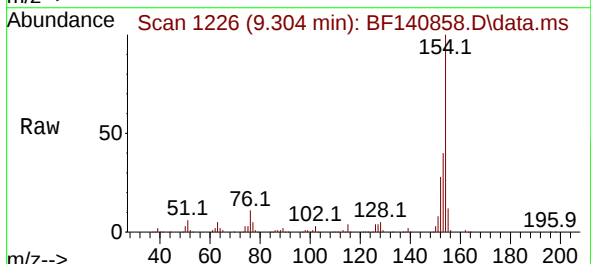
Tgt Ion:154 Resp: 251662

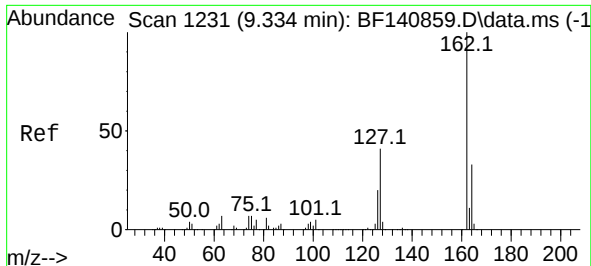
Ion Ratio Lower Upper

154 100

153 39.8 20.8 60.8

76 10.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 20.615 ng

RT: 9.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

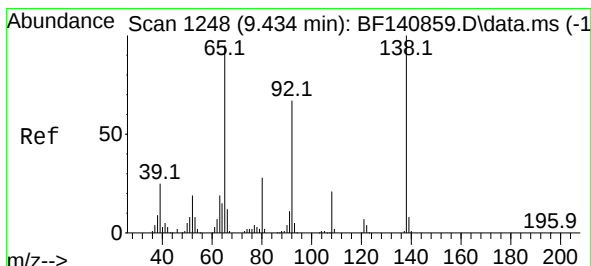
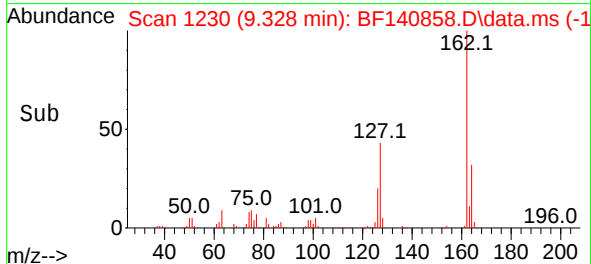
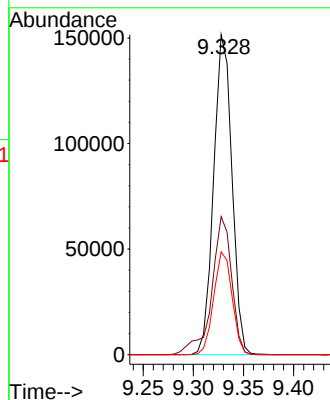
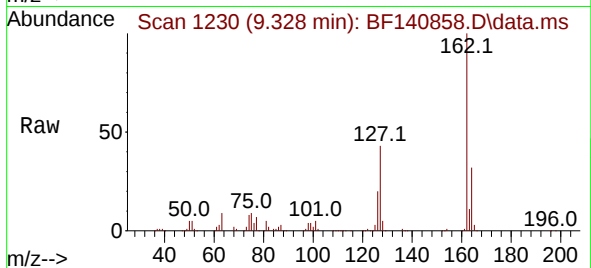
Tgt Ion:162 Resp: 192611

Ion Ratio Lower Upper

162 100

127 43.2 33.5 50.3

164 32.1 26.2 39.2



#48

2-Nitroaniline

Concen: 20.250 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

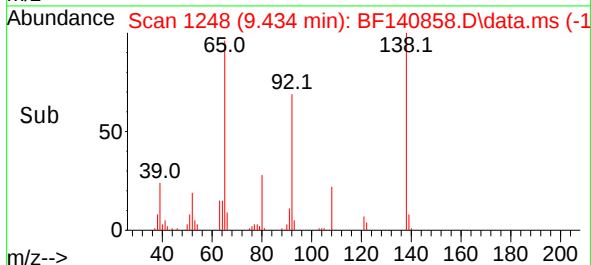
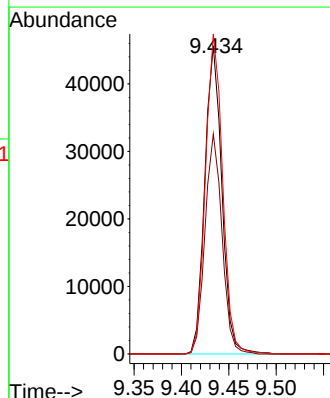
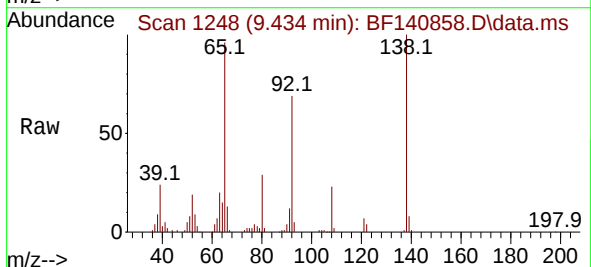
Tgt Ion: 65 Resp: 57140

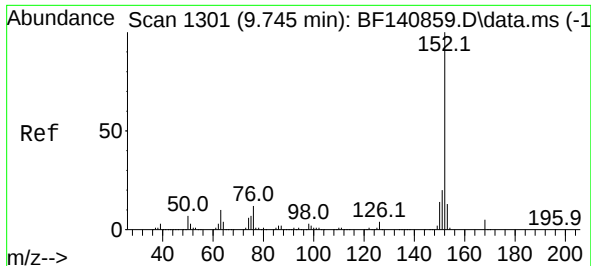
Ion Ratio Lower Upper

65 100

92 71.4 56.3 84.5

138 103.9 83.8 125.6





#49

Acenaphthylene

Concen: 21.027 ng

RT: 9.745 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

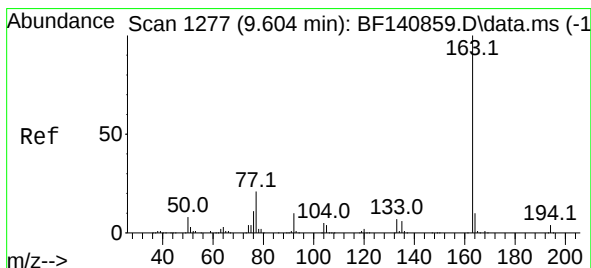
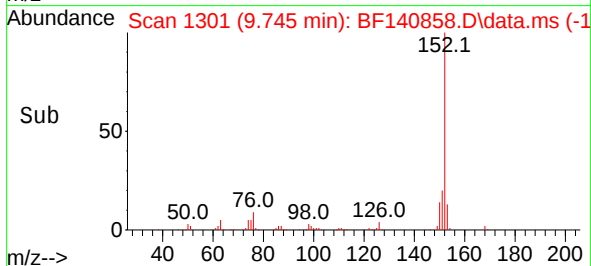
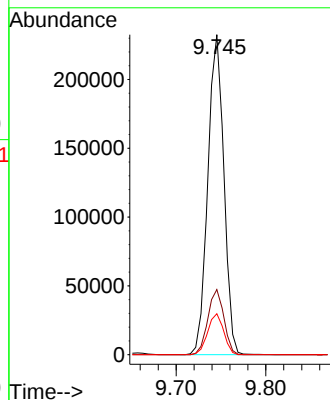
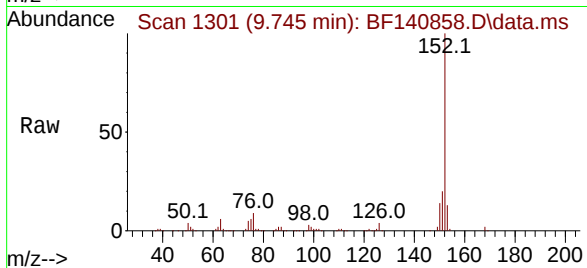
Tgt Ion:152 Resp: 288710

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 12.8 10.6 16.0



#50

Dimethylphthalate

Concen: 20.399 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

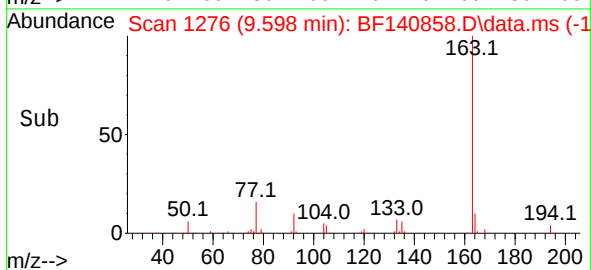
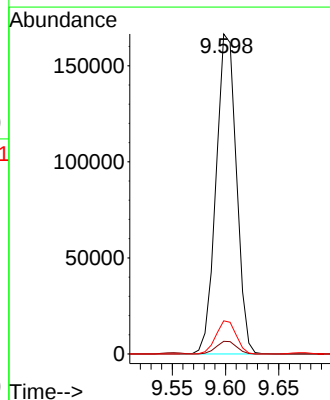
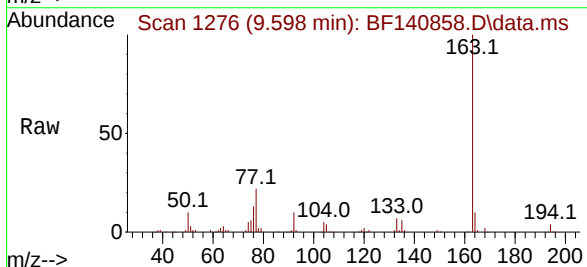
Tgt Ion:163 Resp: 220880

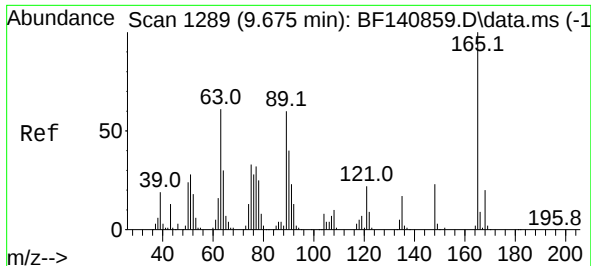
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 20.321 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

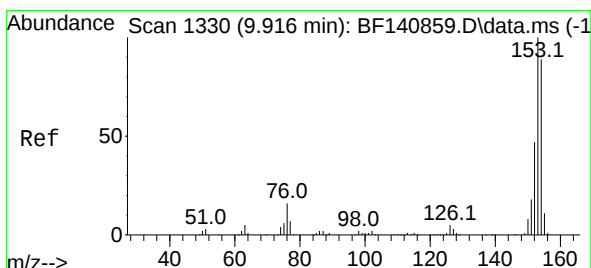
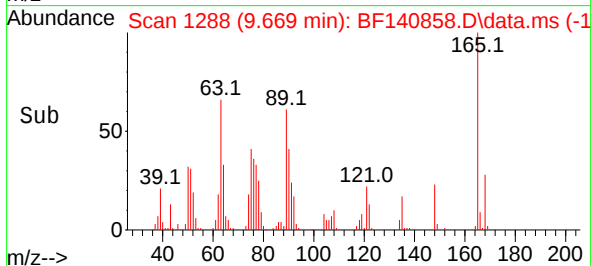
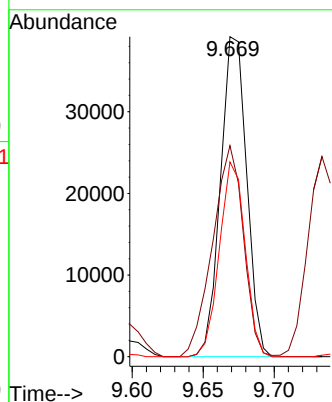
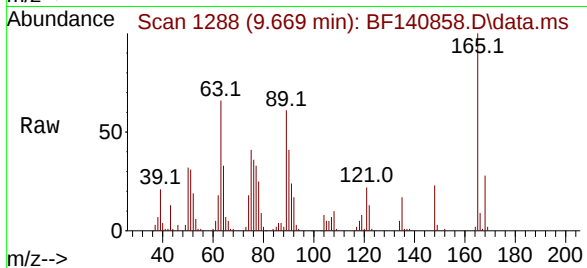
Tgt Ion:165 Resp: 50302

Ion Ratio Lower Upper

165 100

63 66.0 49.7 74.5

89 60.9 48.2 72.4



#52

Acenaphthene

Concen: 20.422 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

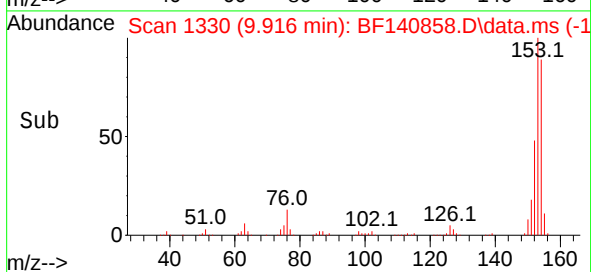
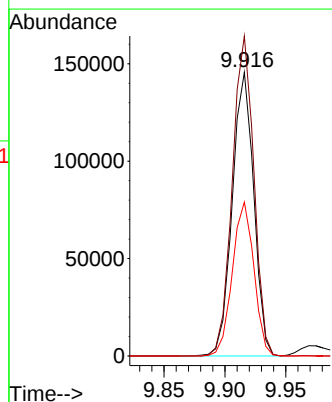
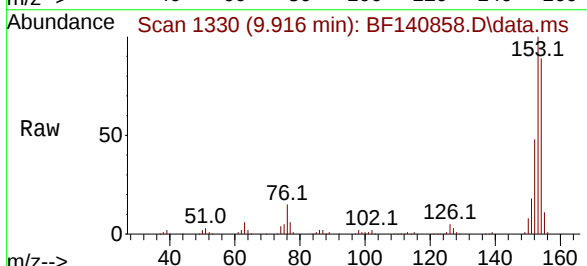
Tgt Ion:154 Resp: 179112

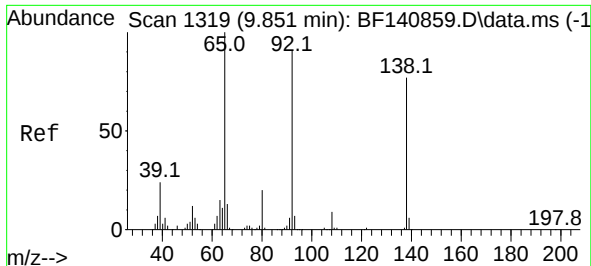
Ion Ratio Lower Upper

154 100

153 112.8 89.9 134.9

152 54.2 42.6 63.8





#53

3-Nitroaniline

Concen: 20.538 ng

RT: 9.845 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

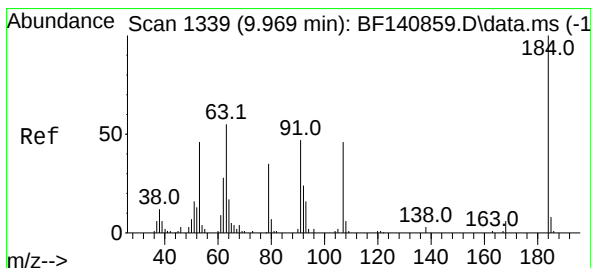
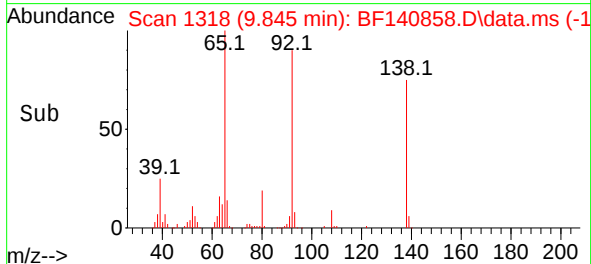
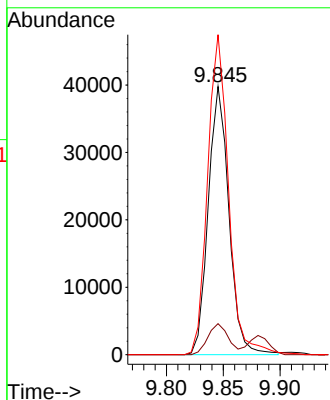
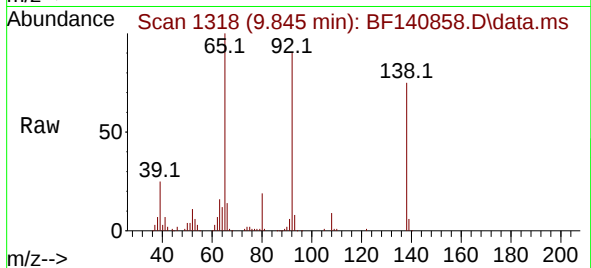
Tgt Ion:138 Resp: 50453

Ion Ratio Lower Upper

138 100

108 11.6 9.0 13.4

92 119.3 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 19.139 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

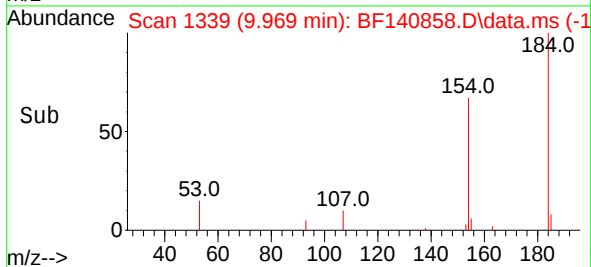
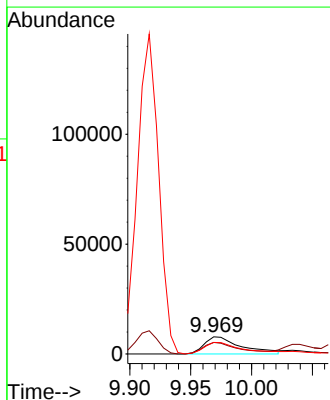
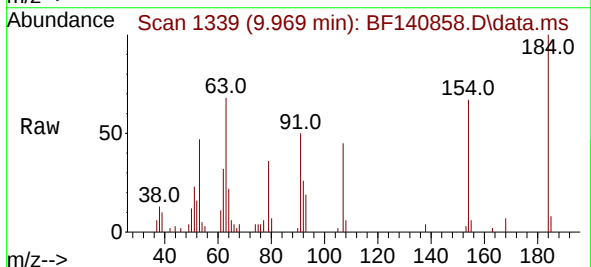
Tgt Ion:184 Resp: 16571

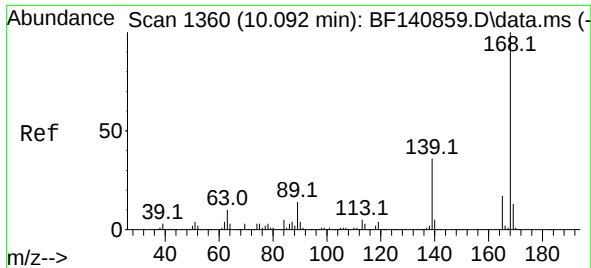
Ion Ratio Lower Upper

184 100

63 67.6 51.6 77.4

154 67.1 56.1 84.1

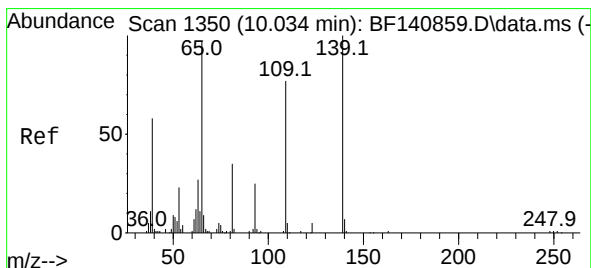
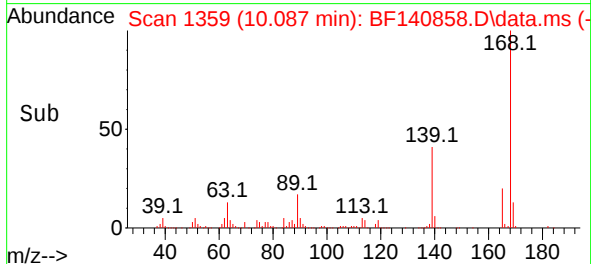
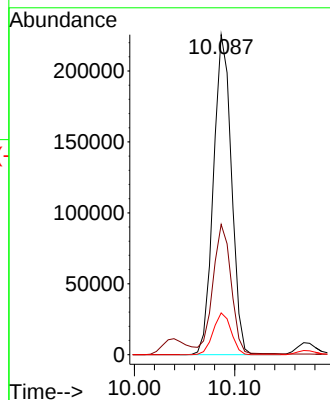
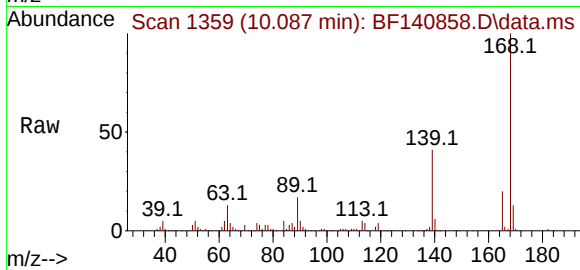




#55
Dibenzenofuran
Concen: 20.683 ng
RT: 10.087 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

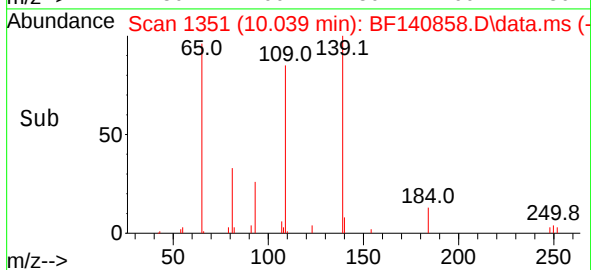
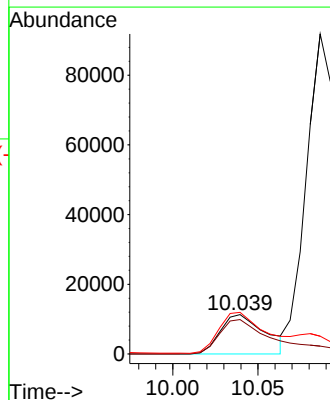
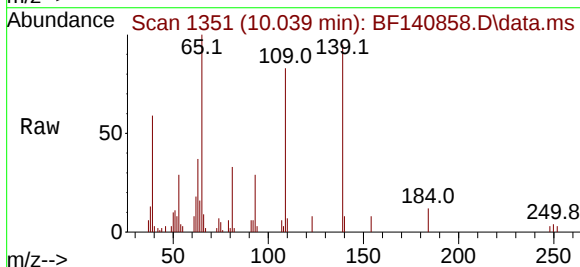
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

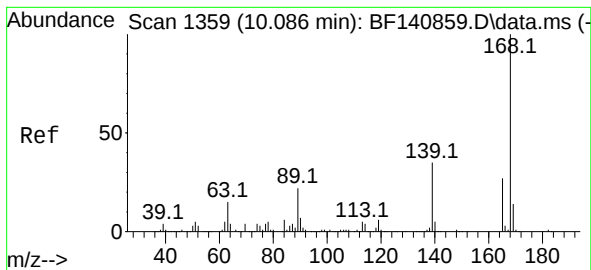
Tgt Ion:168 Resp: 281092
Ion Ratio Lower Upper
168 100
139 40.7 31.1 46.7
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 19.017 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.005 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:139 Resp: 20392
Ion Ratio Lower Upper
139 100
109 87.3 56.7 96.7
65 105.5 78.1 118.1

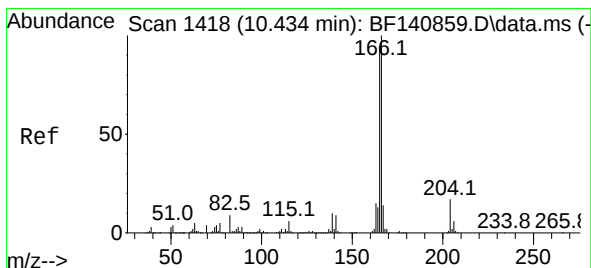
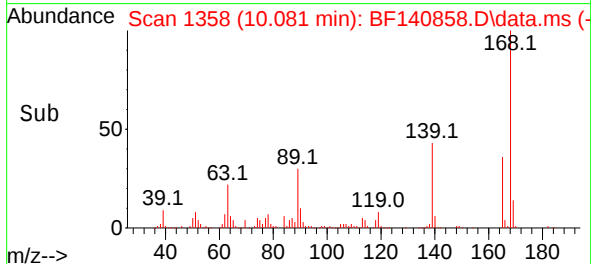
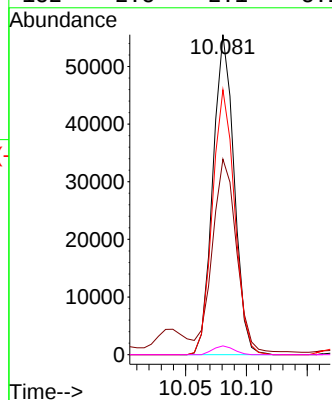
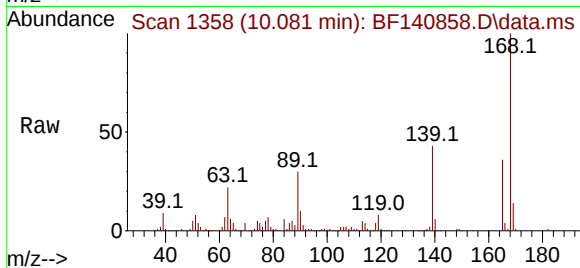




#57
2,4-Dinitrotoluene
Concen: 20.746 ng
RT: 10.081 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

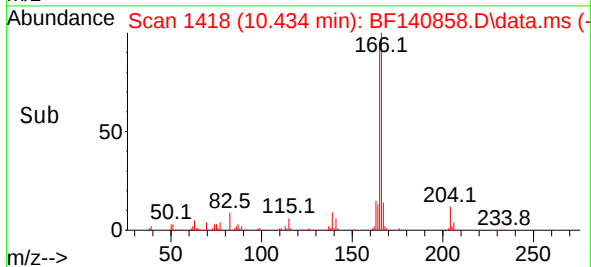
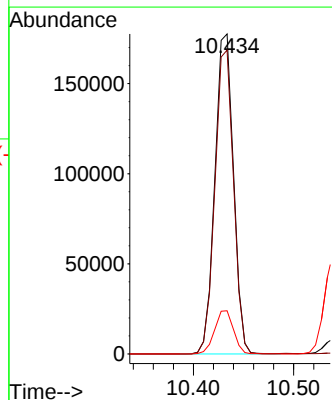
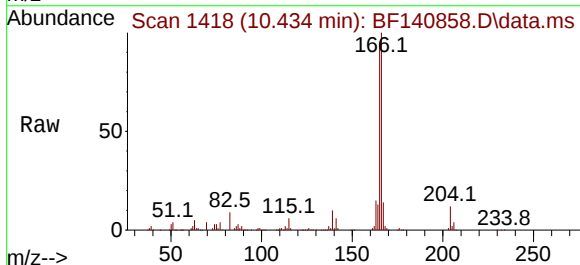
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

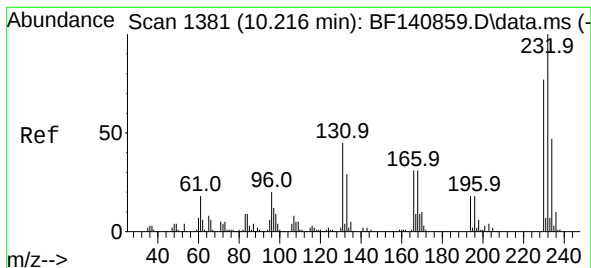
Tgt Ion:165 Resp: 67570
Ion Ratio Lower Upper
165 100
63 61.1 49.3 73.9
89 82.8 66.2 99.4
182 2.8 2.1 3.1



#58
Fluorene
Concen: 20.439 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:166 Resp: 229160
Ion Ratio Lower Upper
166 100
165 95.0 75.1 112.7
167 13.5 11.1 16.7

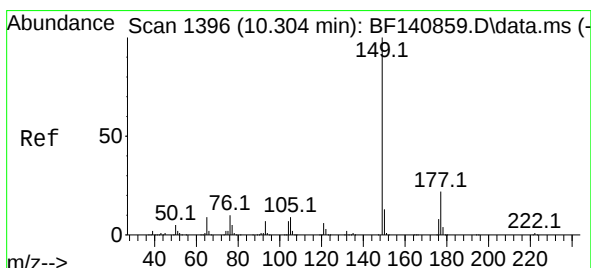
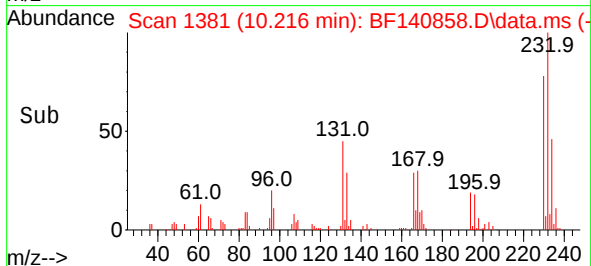
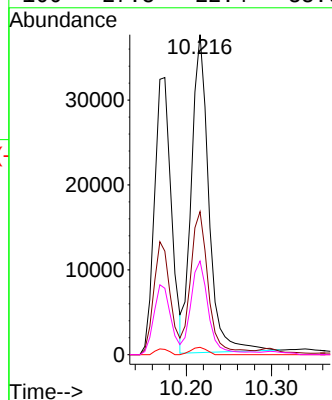
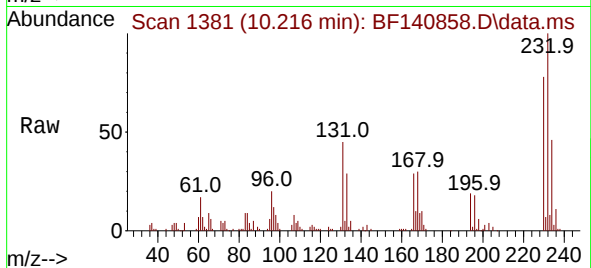




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.459 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

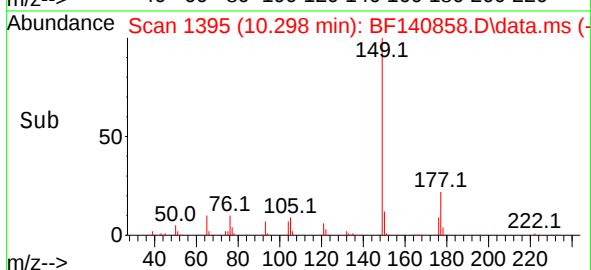
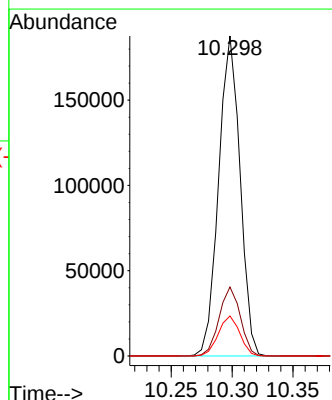
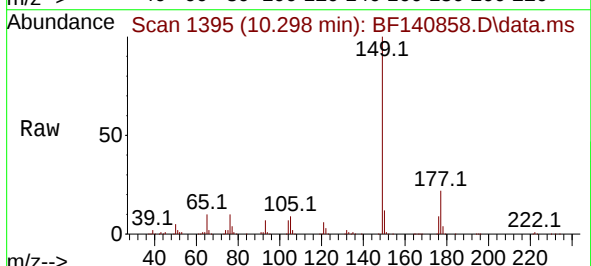
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

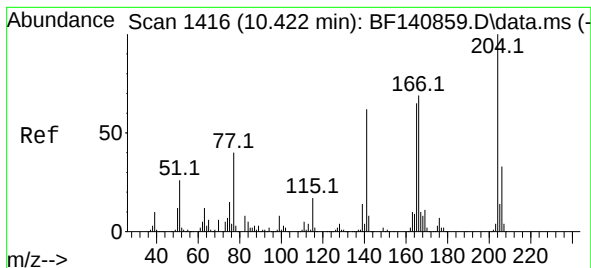
Tgt Ion:232 Resp: 52966
Ion Ratio Lower Upper
232 100
131 46.0 35.1 52.7
130 2.1 1.8 2.8
166 27.8 22.4 33.6



#60
Diethylphthalate
Concen: 20.466 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:149 Resp: 229798
Ion Ratio Lower Upper
149 100
177 21.5 17.2 25.8
150 12.5 10.1 15.1

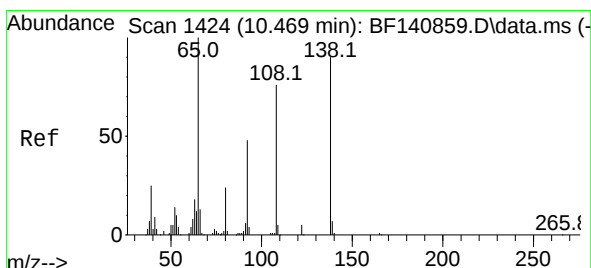
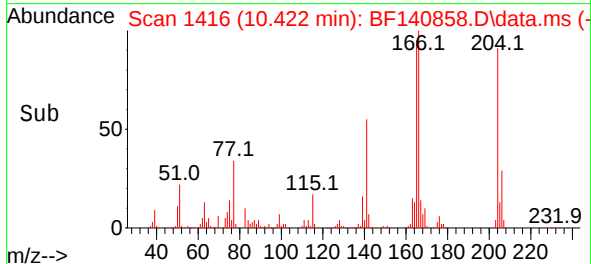
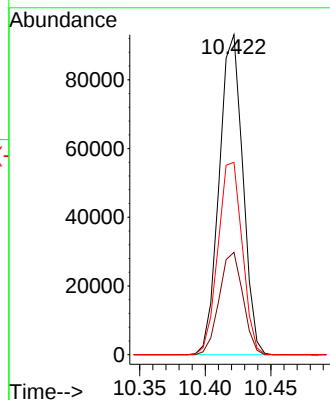
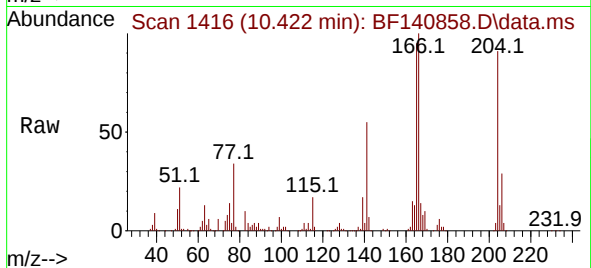




#61
4-Chlorophenyl-phenylether
Concen: 20.693 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

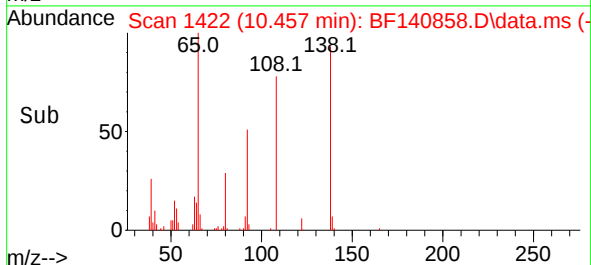
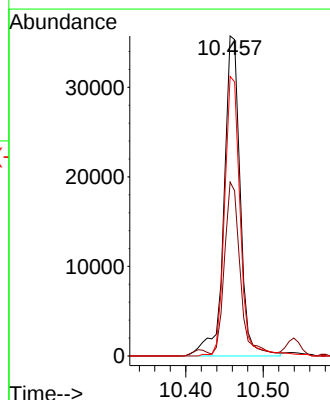
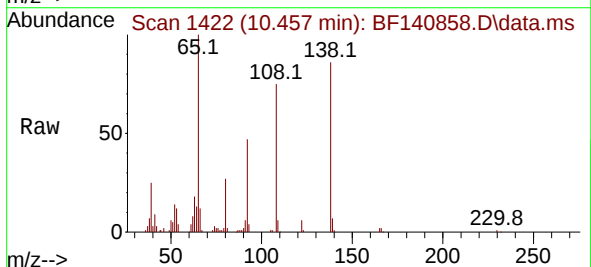
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

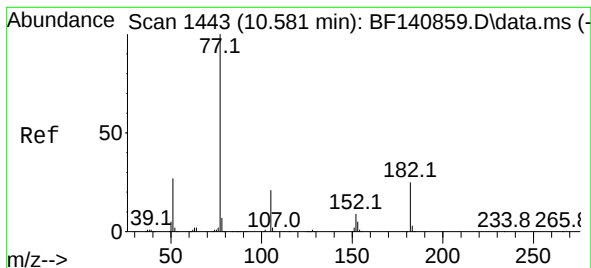
Tgt Ion:204 Resp: 116545
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 60.1 50.0 75.0



#62
4-Nitroaniline
Concen: 20.263 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:138 Resp: 52016
Ion Ratio Lower Upper
138 100
92 54.4 32.6 72.6
108 87.4 64.1 104.1





#63

Azobenzene

Concen: 20.286 ng

RT: 10.581 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 214137

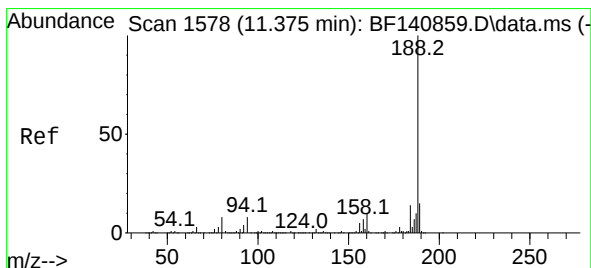
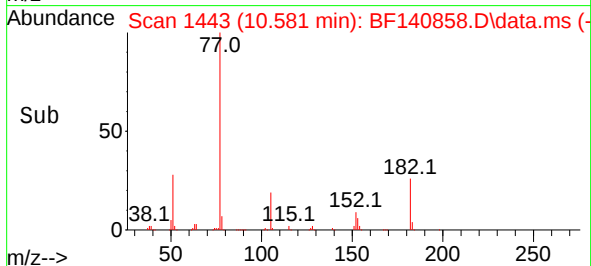
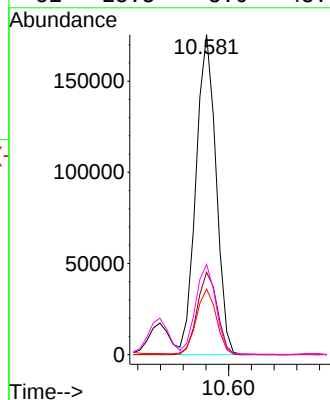
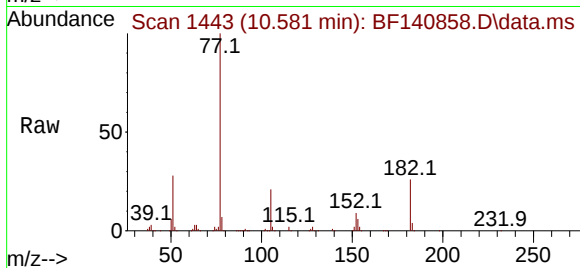
Ion Ratio Lower Upper

77 100

182 25.8 4.5 44.5

105 20.5 0.9 40.9

51 28.3 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: BF140858.D

Acq: 16 Dec 2024 14:00

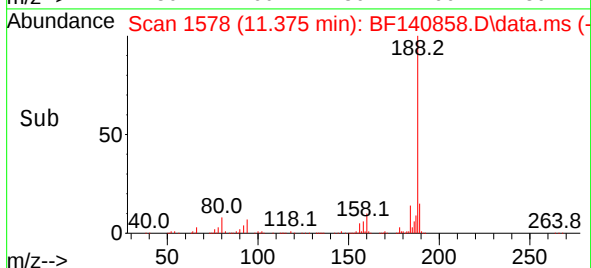
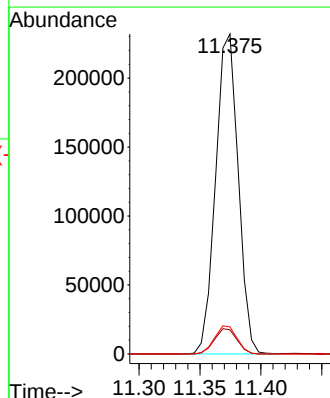
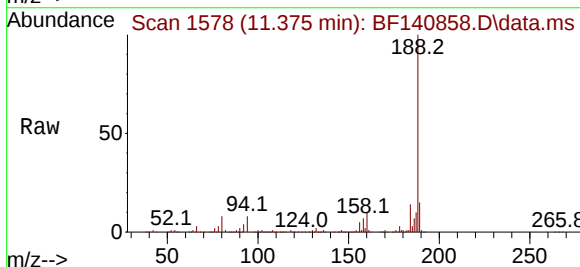
Tgt Ion: 188 Resp: 299699

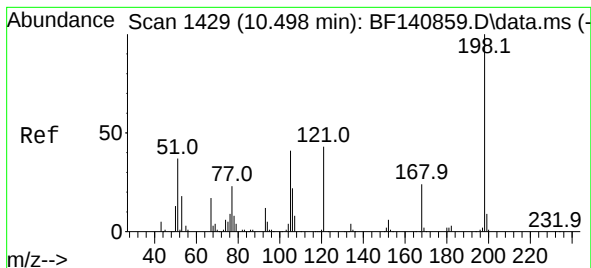
Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.4 6.8 10.2

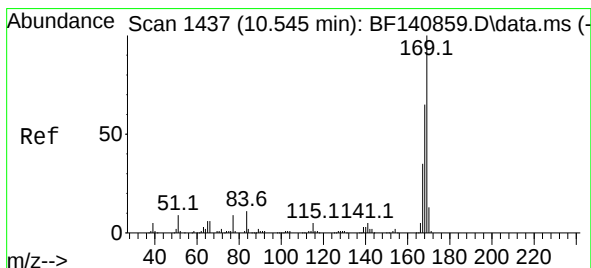
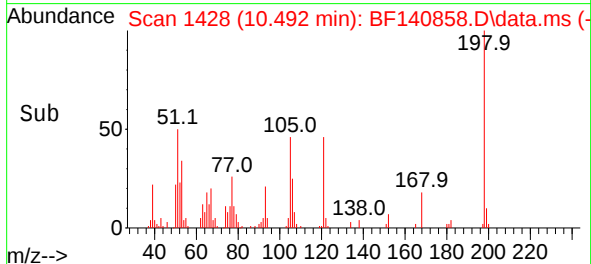
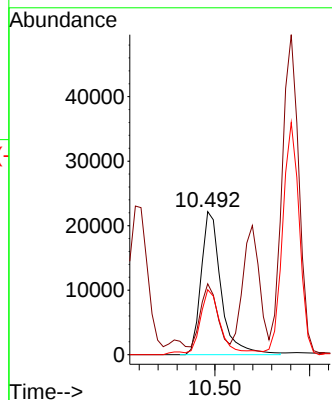
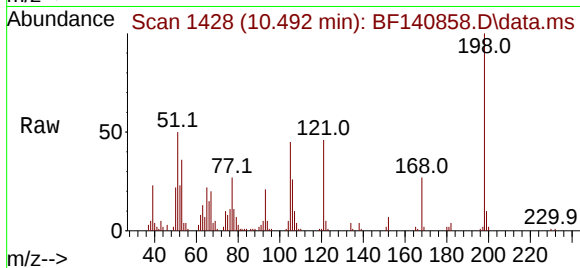




#65
4,6-Dinitro-2-methylphenol
Concen: 19.149 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

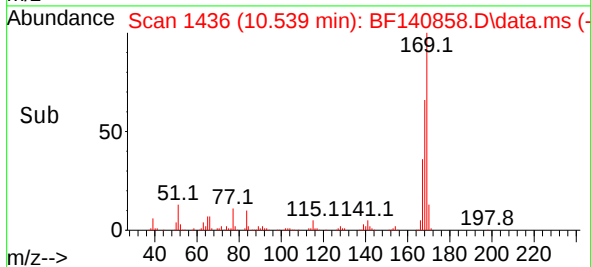
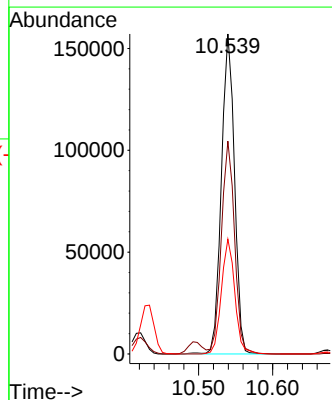
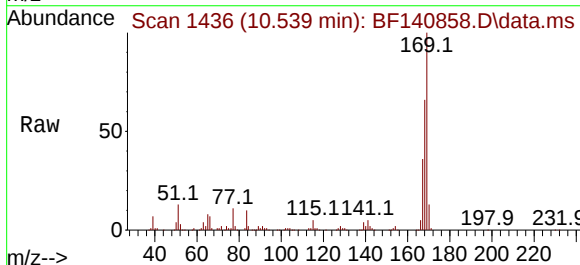
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

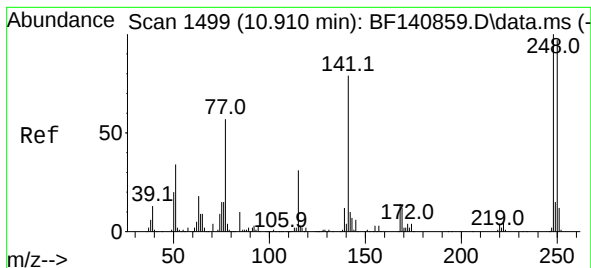
Tgt Ion:198 Resp: 32520
Ion Ratio Lower Upper
198 100
51 49.6 24.4 64.4
105 45.4 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 20.932 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:169 Resp: 192873
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 35.9 28.3 42.5

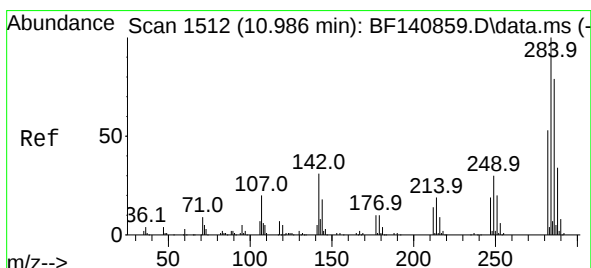
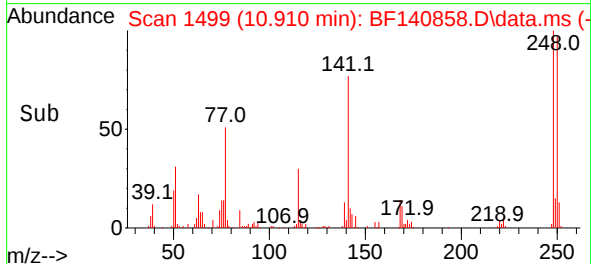
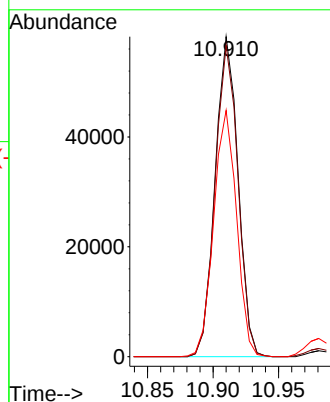
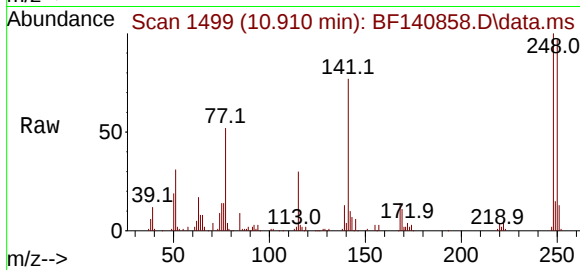




#67
4-Bromophenyl-phenylether
Concen: 21.118 ng
RT: 10.910 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

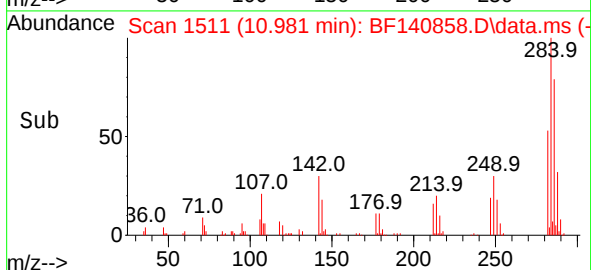
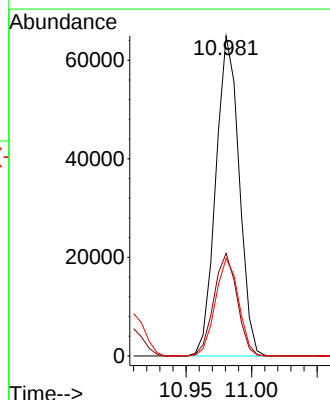
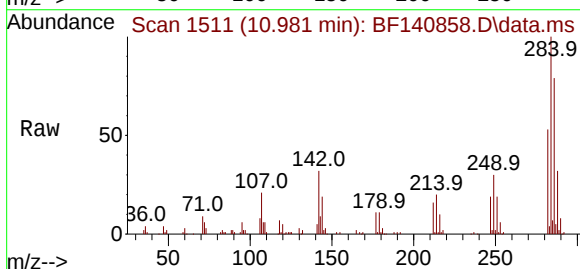
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

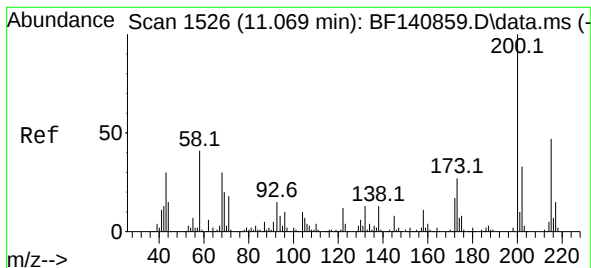
Tgt Ion:248 Resp: 70804
Ion Ratio Lower Upper
248 100
250 97.3 77.4 116.2
141 77.0 62.9 94.3



#68
Hexachlorobenzene
Concen: 21.095 ng
RT: 10.981 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:284 Resp: 80189
Ion Ratio Lower Upper
284 100
142 32.0 24.6 36.8
249 30.5 24.3 36.5





#69

Atrazine

Concen: 22.488 ng

RT: 11.069 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

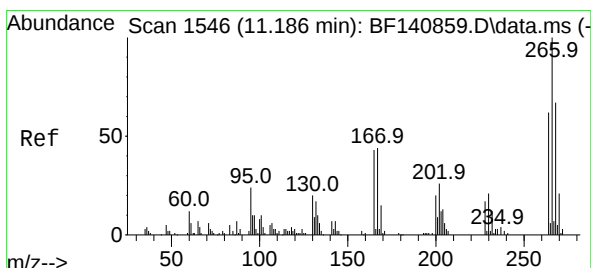
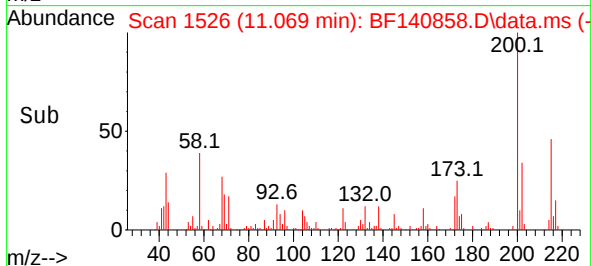
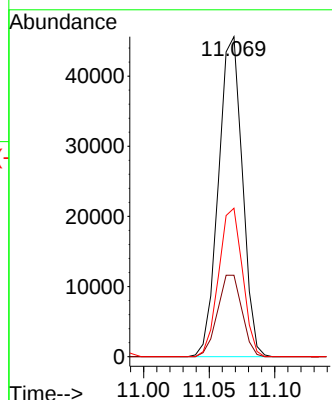
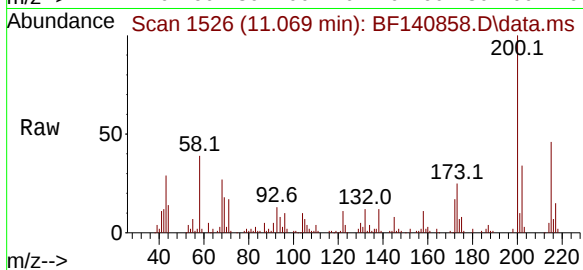
Tgt Ion:200 Resp: 57872

Ion Ratio Lower Upper

200 100

173 25.5 6.6 46.6

215 46.4 26.7 66.7



#70

Pentachlorophenol

Concen: 16.109 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

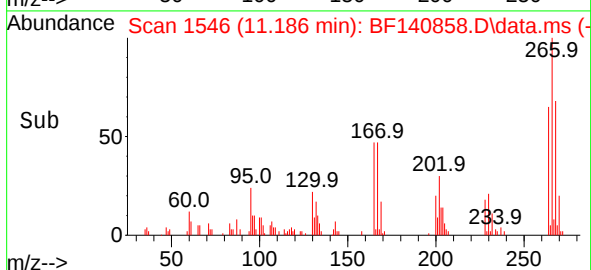
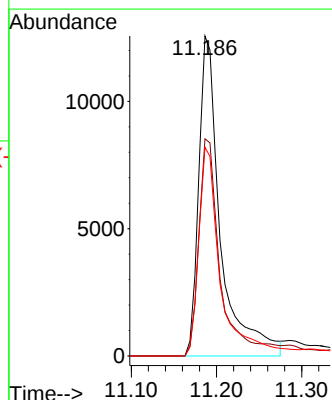
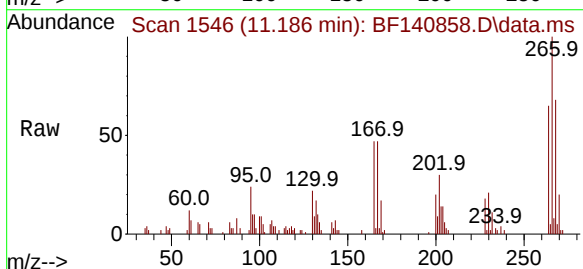
Tgt Ion:266 Resp: 22401

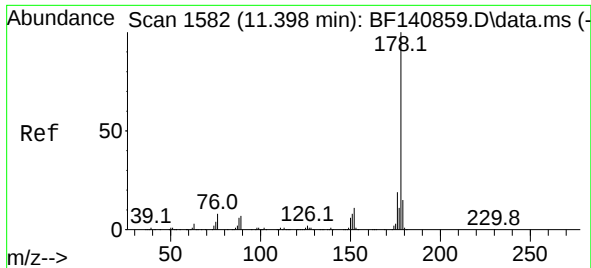
Ion Ratio Lower Upper

266 100

268 67.9 54.0 81.0

264 65.2 49.4 74.2

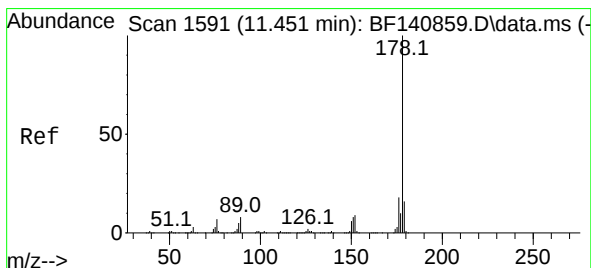
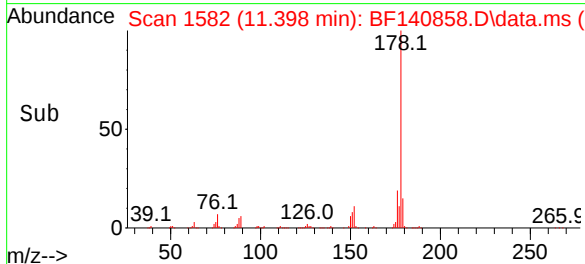
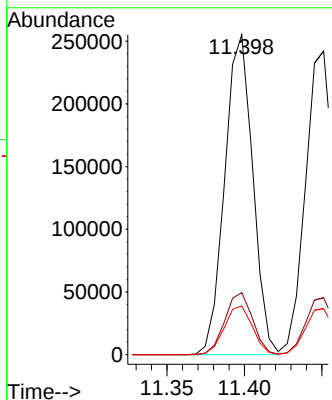
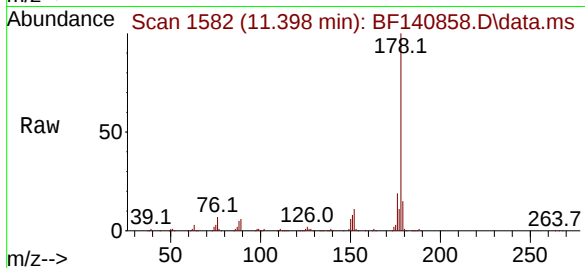




#71
Phenanthrene
Concen: 20.854 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

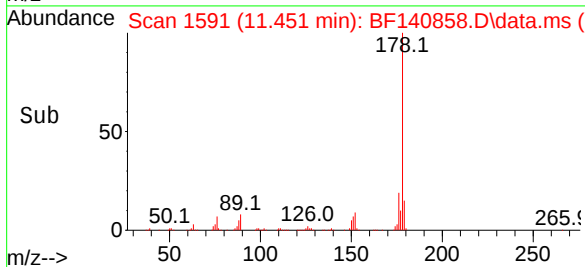
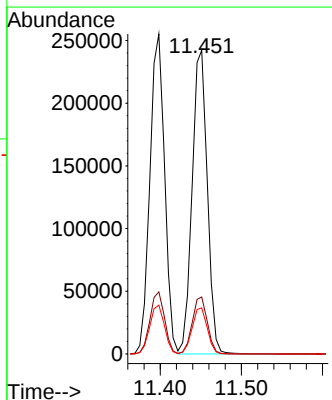
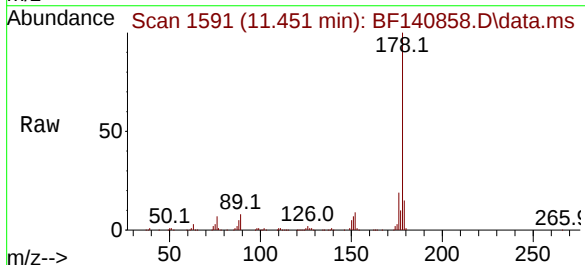
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

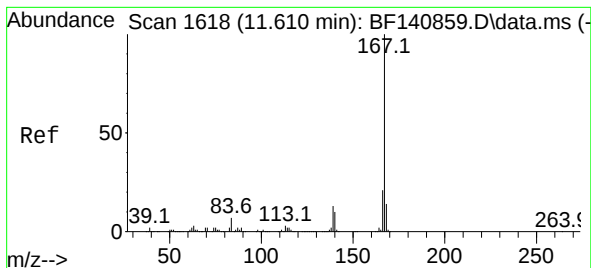
Tgt Ion:178 Resp: 321392
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.1 18.1



#72
Anthracene
Concen: 20.798 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:178 Resp: 315664
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 15.2 12.6 18.8





#73

Carbazole

Concen: 20.692 ng

RT: 11.610 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

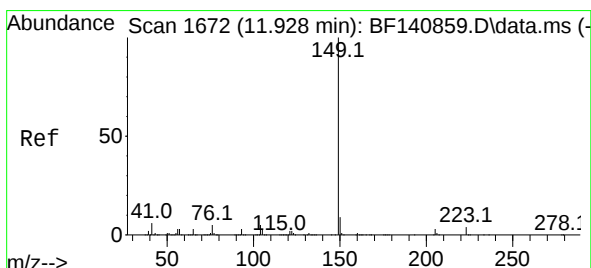
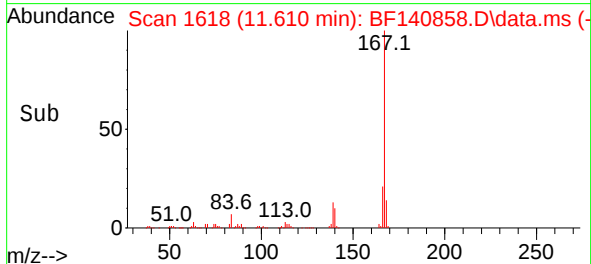
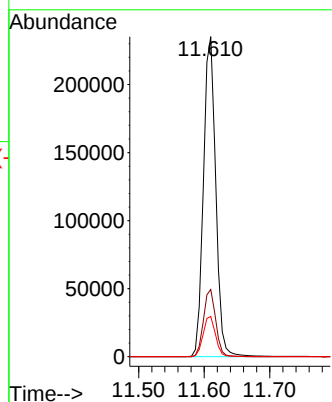
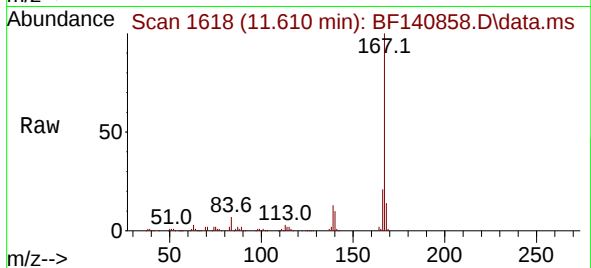
Tgt Ion:167 Resp: 307615

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.6

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 21.164 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

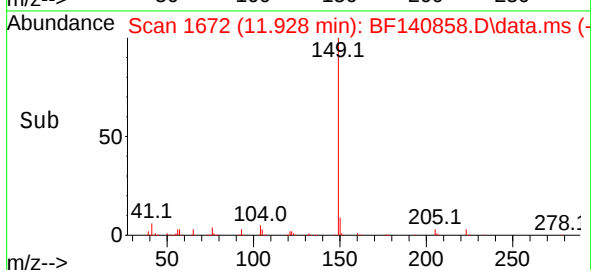
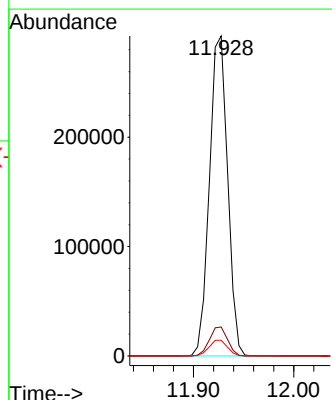
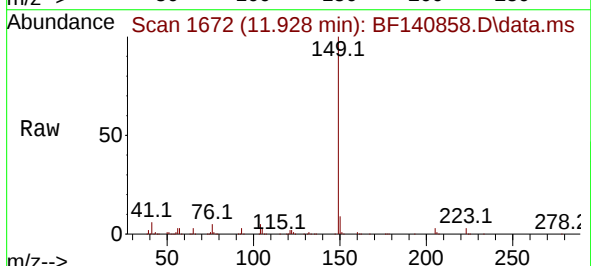
Tgt Ion:149 Resp: 369257

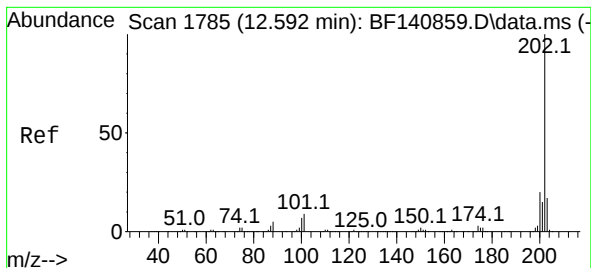
Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

104 4.9 3.8 5.8





#75

Fluoranthene

Concen: 21.122 ng

RT: 12.586 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

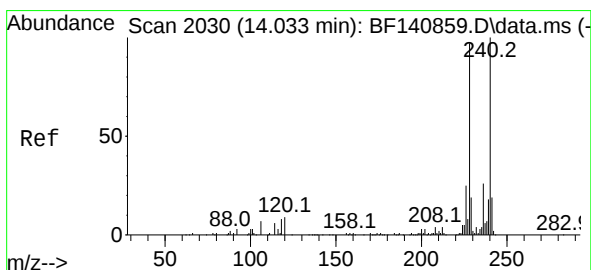
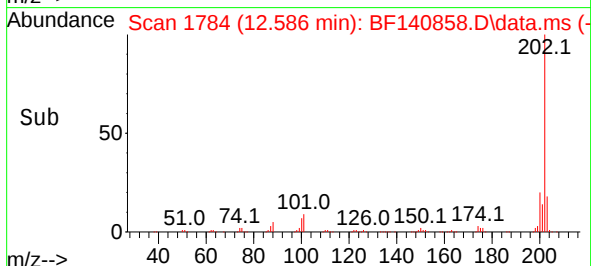
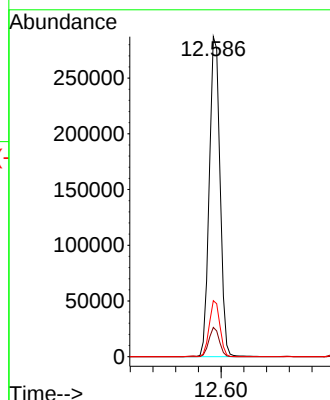
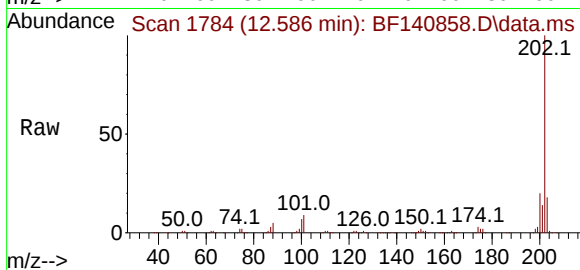
Tgt Ion:202 Resp: 374894

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.3

203 17.5 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

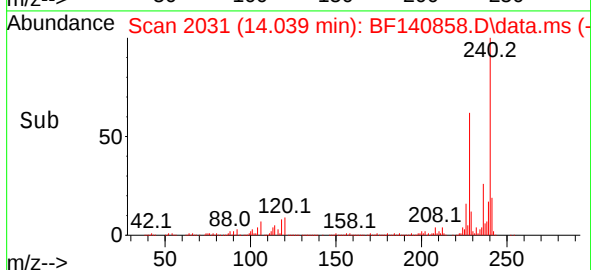
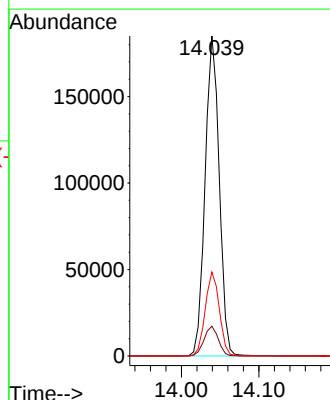
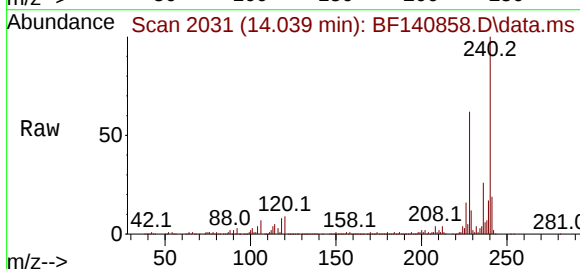
Tgt Ion:240 Resp: 234229

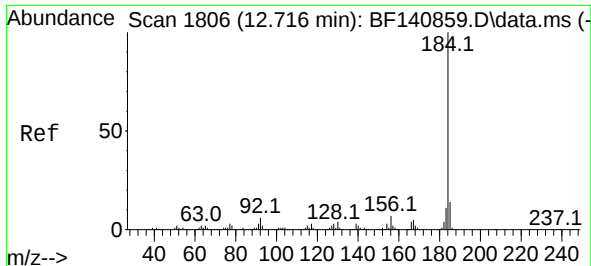
Ion Ratio Lower Upper

240 100

120 9.3 7.6 11.4

236 26.3 20.5 30.7

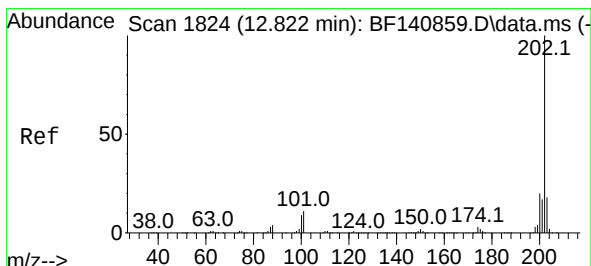
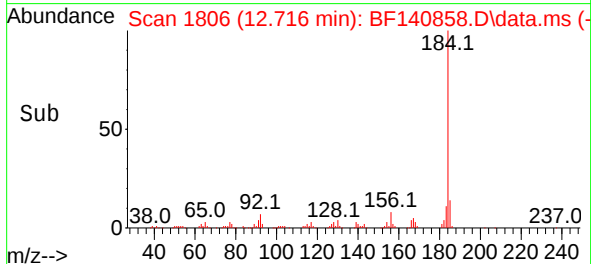
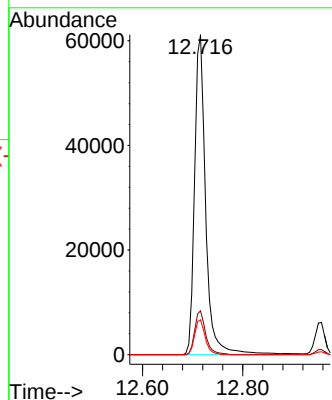
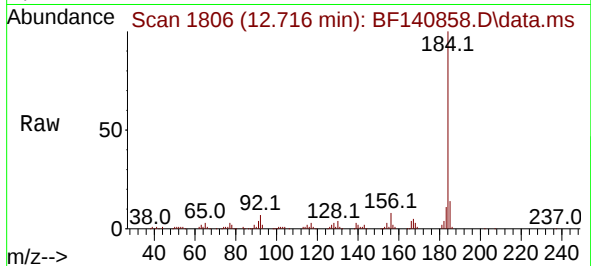




#77
Benzidine
Concen: 19.660 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

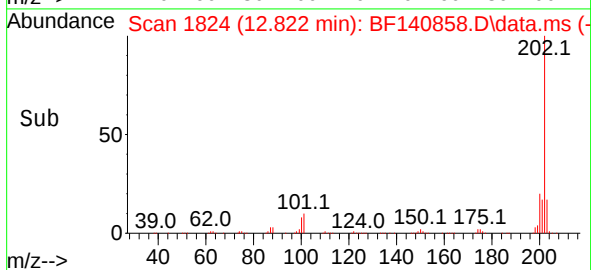
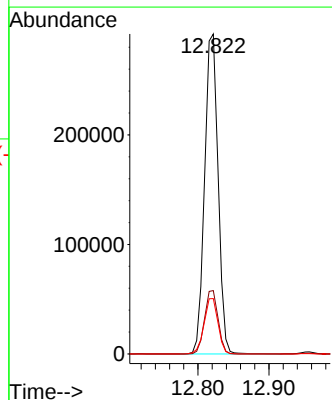
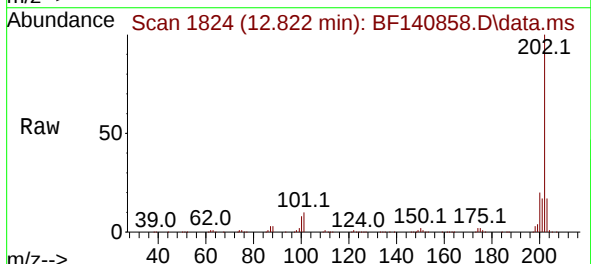
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

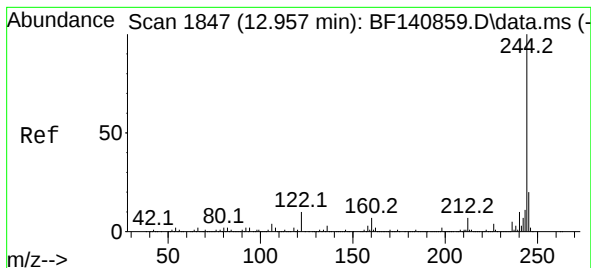
Tgt Ion:184 Resp: 93986
Ion Ratio Lower Upper
184 100
185 13.7 11.1 16.7
183 10.9 9.0 13.4



#78
Pyrene
Concen: 18.558 ng
RT: 12.822 min Scan# 1824
Delta R.T. 0.000 min
Lab File: BF140858.D
Acq: 16 Dec 2024 14:00

Tgt Ion:202 Resp: 386539
Ion Ratio Lower Upper
202 100
200 19.8 16.1 24.1
203 17.3 14.2 21.4





#79

Terphenyl-d14

Concen: 38.416 ng

RT: 12.957 min Scan# 1847

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

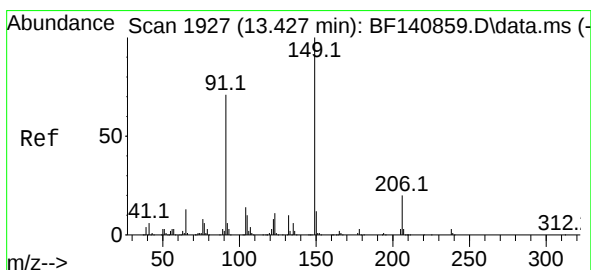
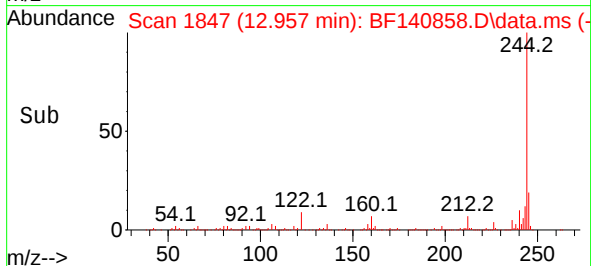
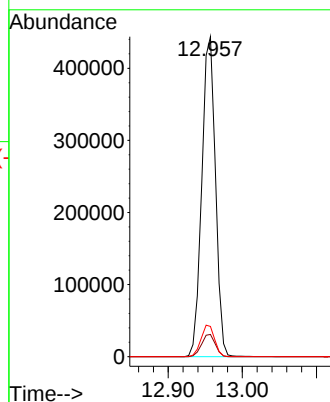
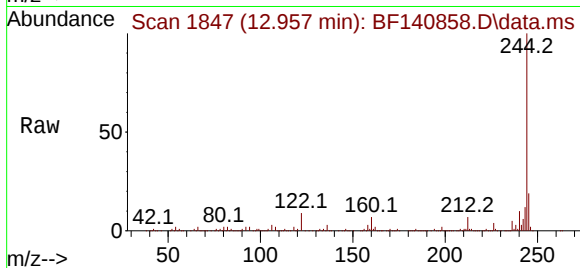
Tgt Ion:244 Resp: 570640

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 9.5 8.2 12.2



#80

Butylbenzylphthalate

Concen: 18.972 ng

RT: 13.427 min Scan# 1927

Delta R.T. 0.000 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

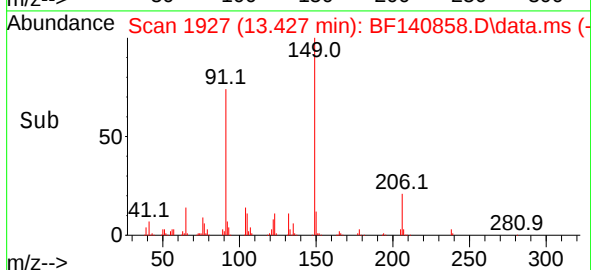
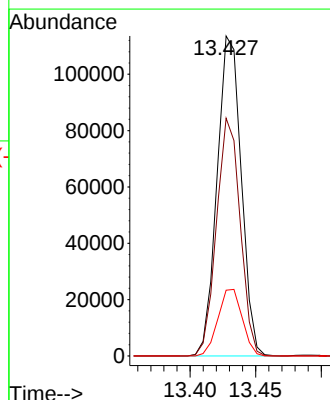
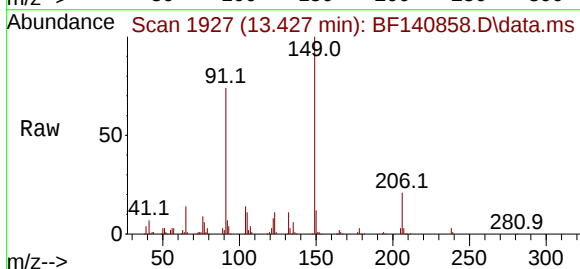
Tgt Ion:149 Resp: 145401

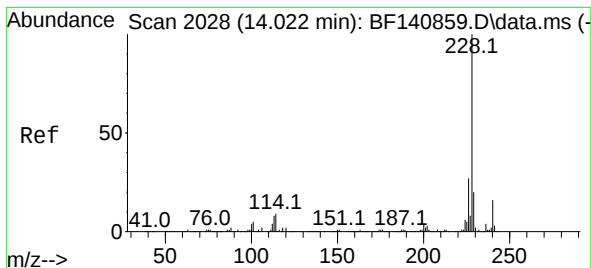
Ion Ratio Lower Upper

149 100

91 74.3 56.7 85.1

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 20.050 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

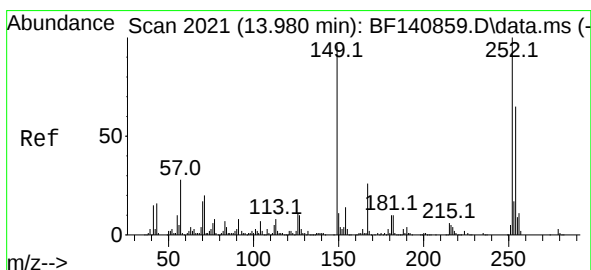
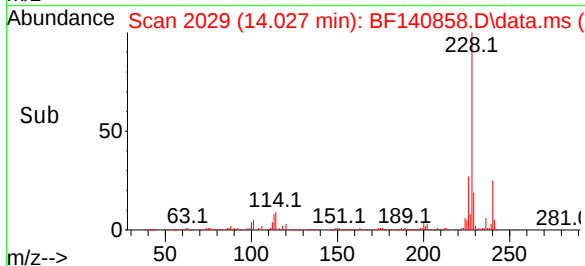
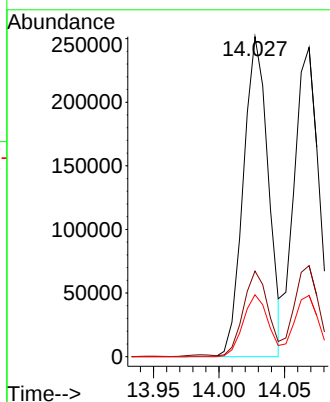
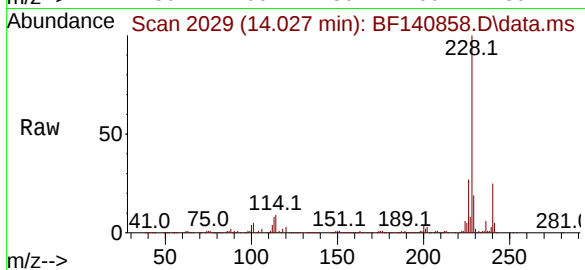
Tgt Ion:228 Resp: 332845

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 20.989 ng

RT: 13.986 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

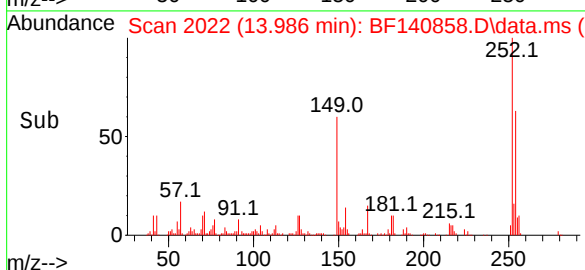
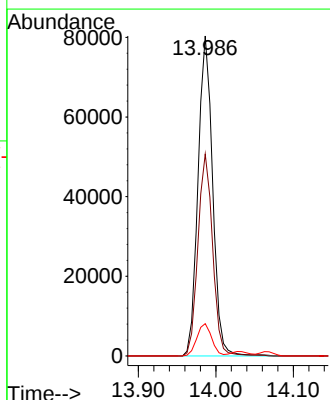
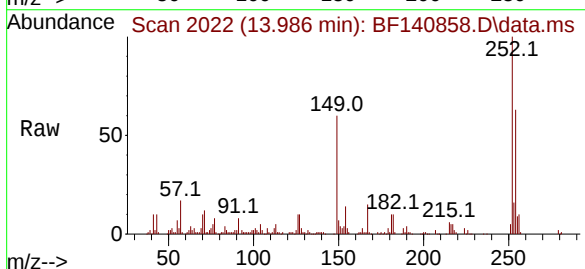
Tgt Ion:252 Resp: 105124

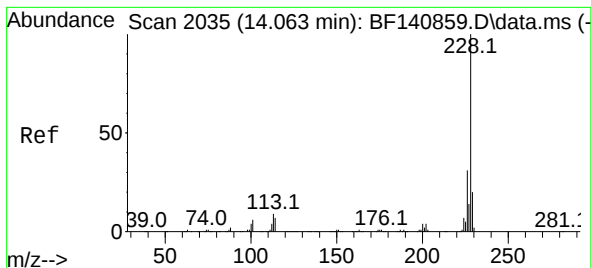
Ion Ratio Lower Upper

252 100

254 63.1 52.3 78.5

126 10.1 8.4 12.6





#83

Chrysene

Concen: 21.160 ng

RT: 14.069 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

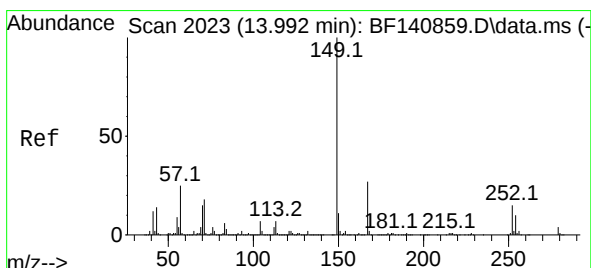
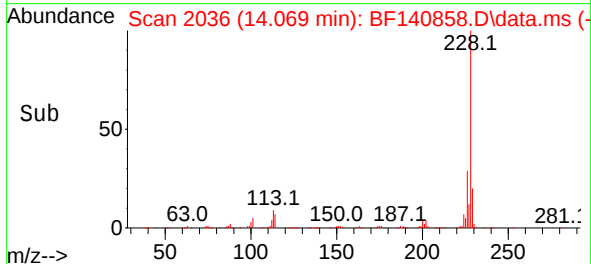
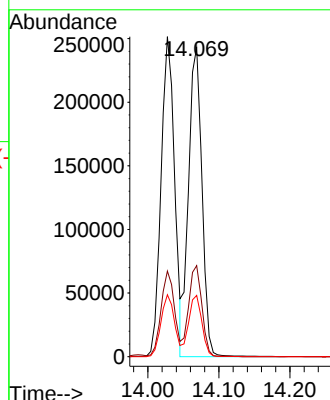
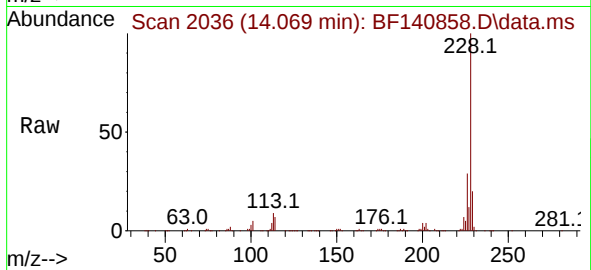
Tgt Ion:228 Resp: 319417

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.740 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.006 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

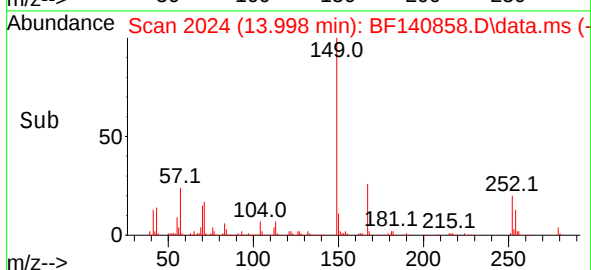
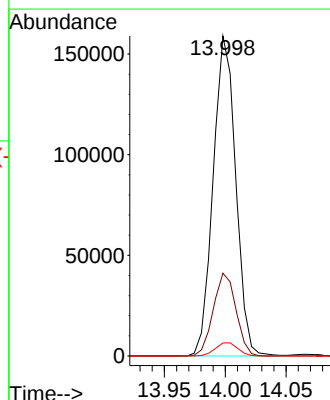
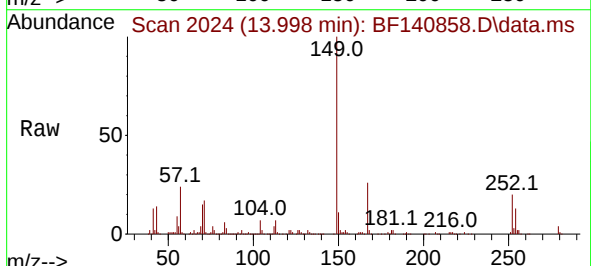
Tgt Ion:149 Resp: 204953

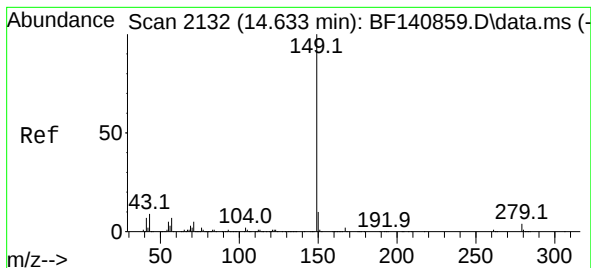
Ion Ratio Lower Upper

149 100

167 25.9 21.8 32.8

279 4.0 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 21.125 ng

RT: 14.651 min Scan# 2135

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

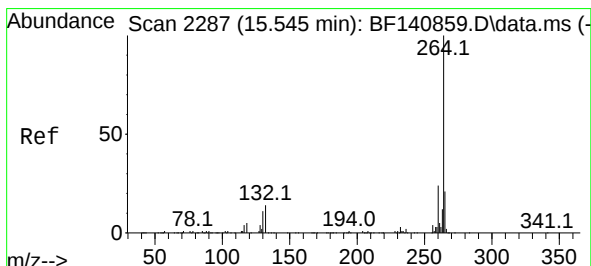
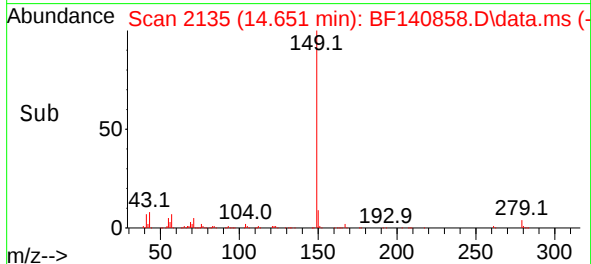
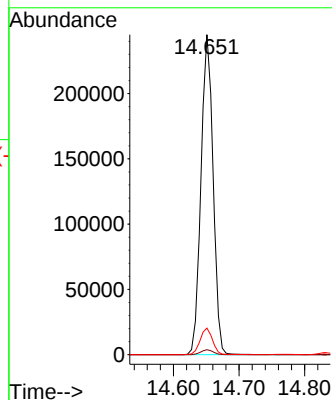
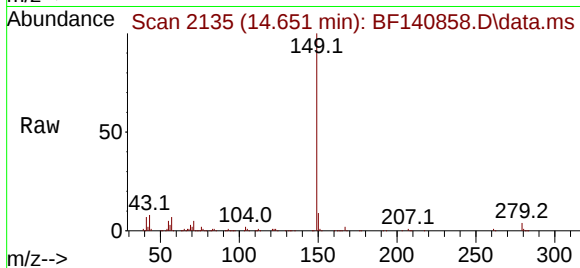
Tgt Ion:149 Resp: 315841

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2290

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

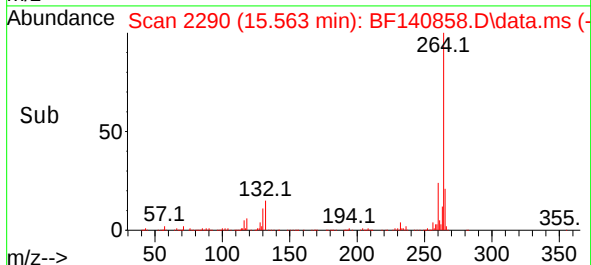
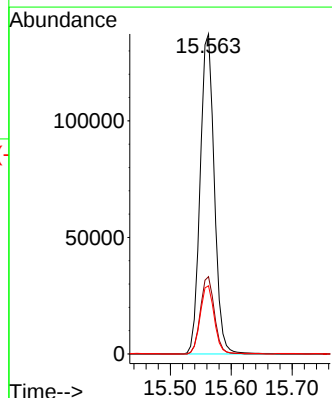
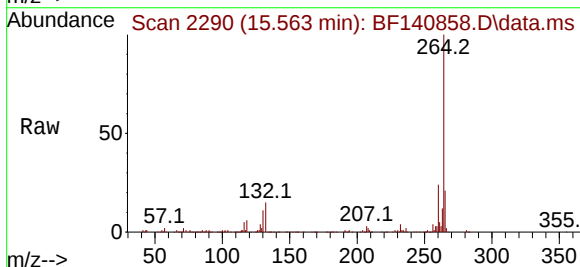
Tgt Ion:264 Resp: 220576

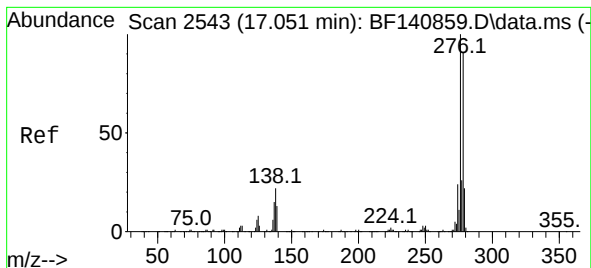
Ion Ratio Lower Upper

264 100

260 24.1 19.1 28.7

265 21.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 21.315 ng

RT: 17.068 min Scan# 2546

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

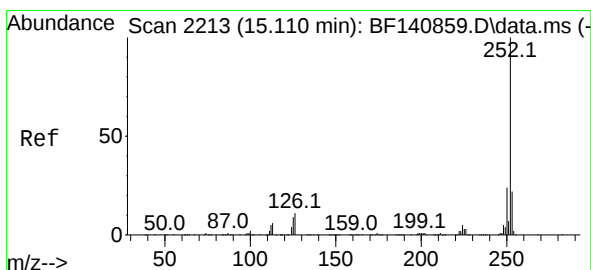
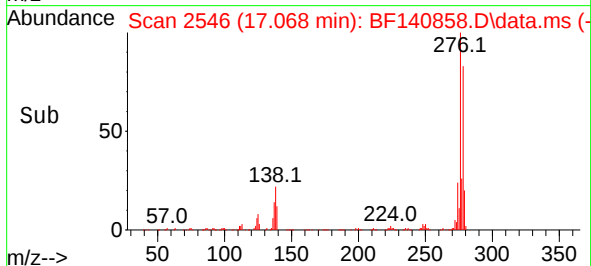
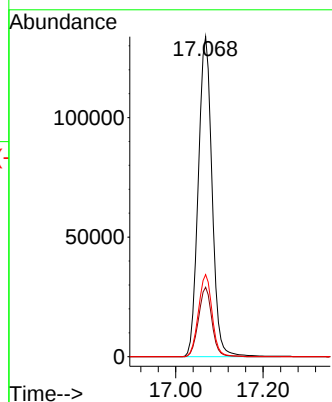
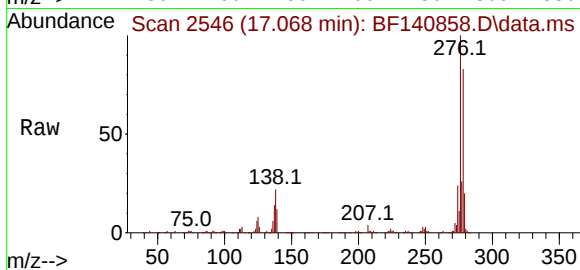
Tgt Ion:276 Resp: 293402

Ion Ratio Lower Upper

276 100

138 21.1 16.9 25.3

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 20.890 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.012 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

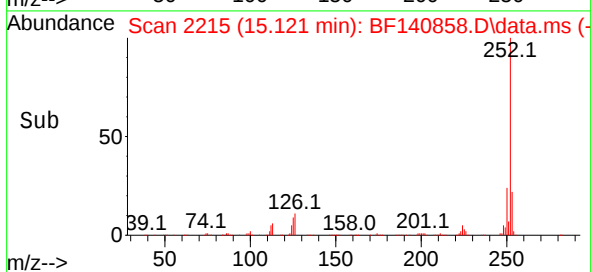
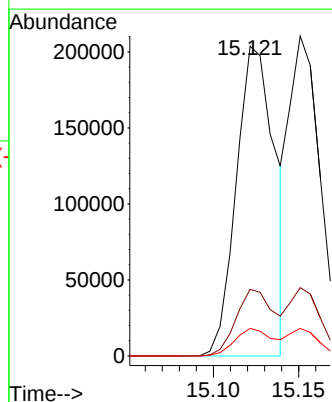
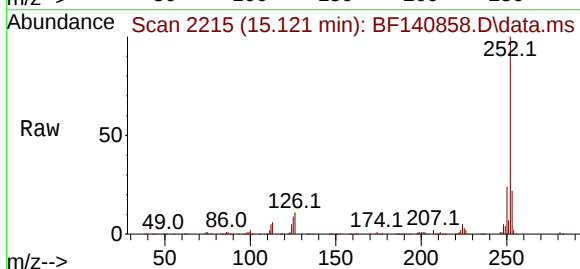
Tgt Ion:252 Resp: 319848

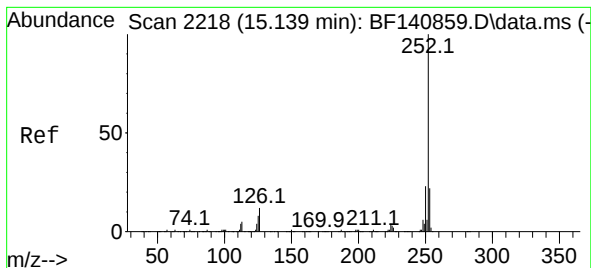
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 20.548 ng

RT: 15.151 min Scan# 2218

Delta R.T. 0.012 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

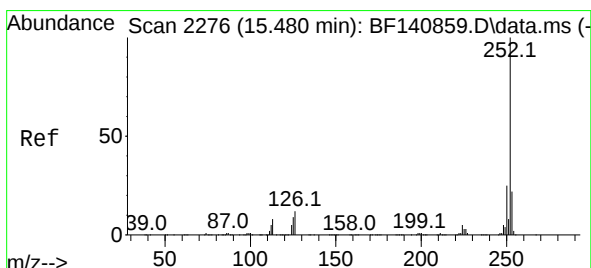
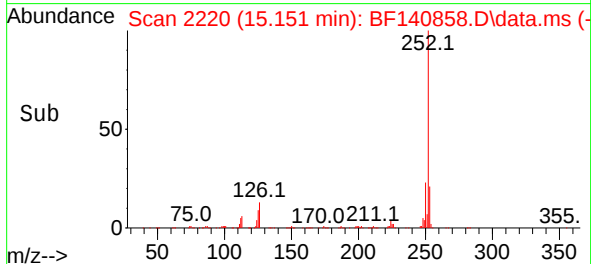
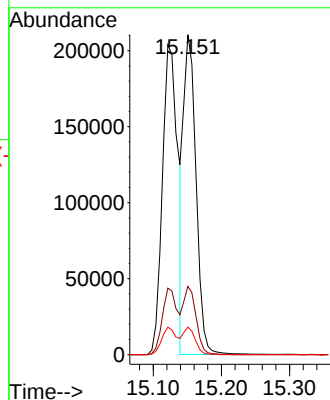
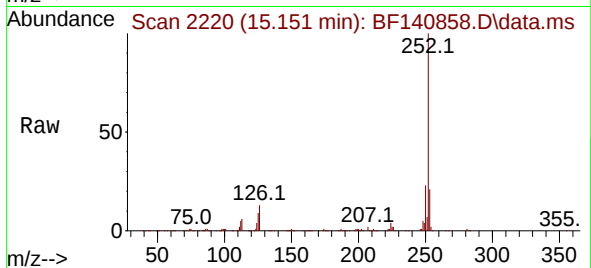
Tgt Ion:252 Resp: 269871

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 8.6 6.8 10.2



#90

Benzo(a)pyrene

Concen: 20.861 ng

RT: 15.498 min Scan# 2279

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

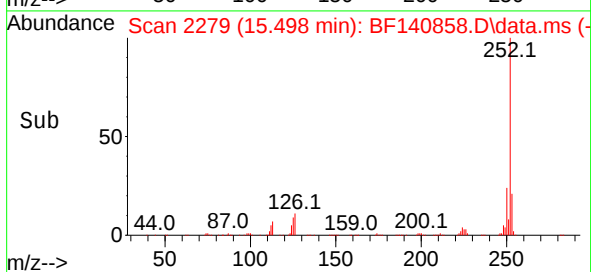
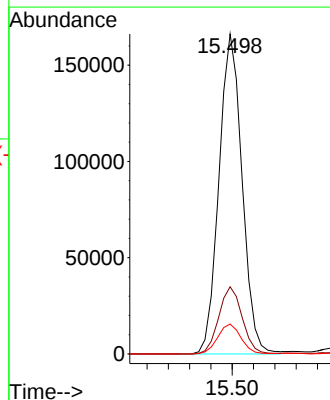
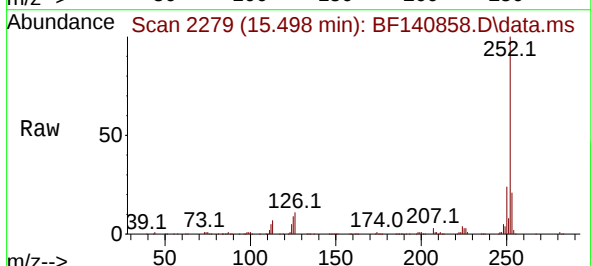
Tgt Ion:252 Resp: 250110

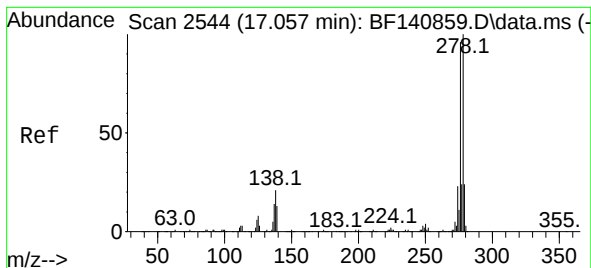
Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

125 9.4 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 21.117 ng

RT: 17.074 min Scan# 2544

Delta R.T. 0.018 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

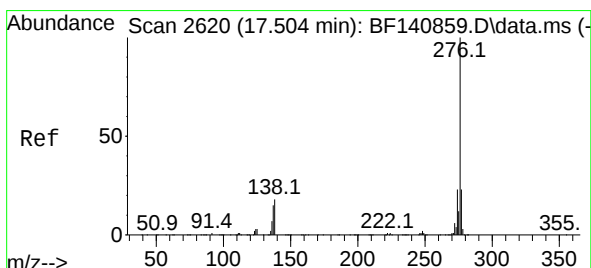
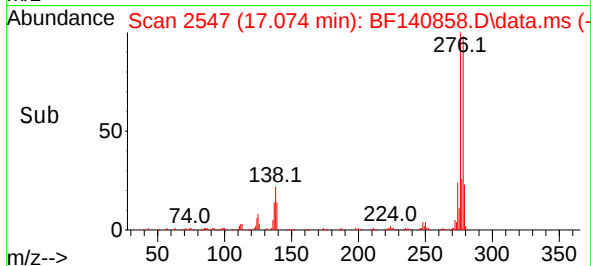
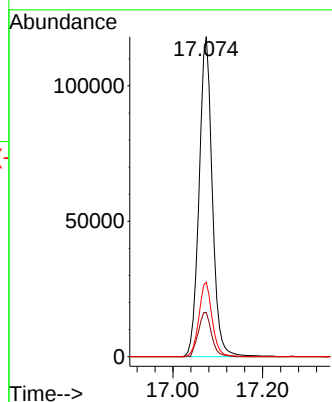
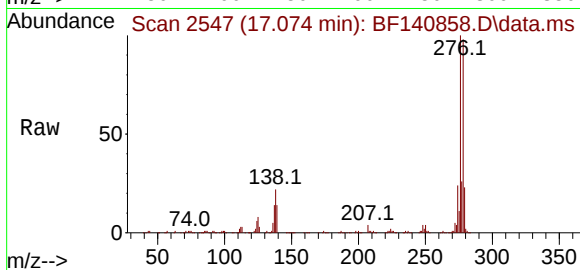
Tgt Ion:278 Resp: 240810

Ion Ratio Lower Upper

278 100

139 13.8 10.6 16.0

279 23.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 20.785 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.012 min

Lab File: BF140858.D

Acq: 16 Dec 2024 14:00

Tgt Ion:276 Resp: 241228

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 18.0 14.2 21.2

