

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140855.D
 Acq On : 16 Dec 2024 12:13
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Quant Time: Dec 16 16:45:55 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	6.845	152	74199	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	283096	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	161044	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	317916	20.000	ng	0.00
76) Chrysene-d12	14.021	240	234189	20.000	ng	-0.01
86) Perylene-d12	15.521	264	191083	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	21395	4.747	ng	0.01
7) Phenol-d6	6.504	99	30875	5.172	ng	0.00
23) Nitrobenzene-d5	7.410	82	27992	4.947	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	8720	4.578	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	63886	5.454	ng	0.00
79) Terphenyl-d14	12.951	244	76726	5.166	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.634	88	4953	2.551	ng	94
3) Pyridine	3.475	79	9303	2.069	ng	# 90
4) n-Nitrosodimethylamine	3.381	42	4376	1.931	ng	# 97
6) Aniline	6.522	93	12727	2.493	ng	92
8) 2-Chlorophenol	6.645	128	12801	2.604	ng	97
9) Benzaldehyde	6.410	77	9415	2.846	ng	94
10) Phenol	6.516	94	16774	2.711	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	12203	2.645	ng	100
12) 1,3-Dichlorobenzene	6.787	146	14673	2.620	ng	94
13) 1,4-Dichlorobenzene	6.863	146	14993	2.637	ng	98
14) 1,2-Dichlorobenzene	7.016	146	13671	2.549	ng	96
15) Benzyl Alcohol	7.004	79	10304	2.414	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	13862	2.550	ng	92
17) 2-Methylphenol	7.116	107	10264	2.616	ng	98
18) Hexachloroethane	7.351	117	5224	2.468	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	9325	2.604	ng	97
20) 3+4-Methylphenols	7.281	107	13261	2.548	ng	# 69
22) Acetophenone	7.257	105	18329	2.588	ng	95
24) Nitrobenzene	7.434	77	14604	2.519	ng	96
25) Isophorone	7.669	82	23272	2.455	ng	99
26) 2-Nitrophenol	7.751	139	5860	2.195	ng	96
27) 2,4-Dimethylphenol	7.792	122	7541	2.419	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	14677	2.479	ng	95
29) 2,4-Dichlorophenol	8.016	162	9889	2.297	ng	99
30) 1,2,4-Trichlorobenzene	8.069	180	12362	2.505	ng	98
31) Naphthalene	8.145	128	39374	2.532	ng	100
32) Benzoic acid	7.916	122	2995	1.013	ng	86
33) 4-Chloroaniline	8.210	127	12223	2.367	ng	98
34) Hexachlorobutadiene	8.257	225	8587	2.586	ng	99
35) Caprolactam	8.551	113	2731	2.131	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	11680	2.411	ng	99
37) 2-Methylnaphthalene	8.839	142	24022	2.335	ng	95
38) 1-Methylnaphthalene	8.939	142	24809	2.439	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	13156	2.658	ng	97
43) 2,4,6-Trichlorophenol	9.128	196	7384	2.436	ng	99
44) 2,4,5-Trichlorophenol	9.186	196	8218	2.467	ng	96

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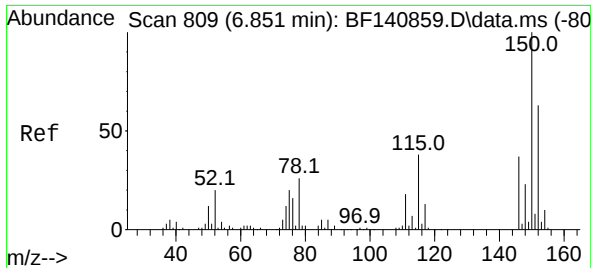
Quant Time: Dec 16 16:45:55 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.298	154	32432	2.533	ng	99
47) 2-Chloronaphthalene	9.328	162	24879	2.540	ng	97
48) 2-Nitroaniline	9.433	65	6680	2.258	ng	95
49) Acenaphthylene	9.745	152	37405	2.598	ng	99
50) Dimethylphthalate	9.598	163	28854	2.541	ng	99
51) 2,6-Dinitrotoluene	9.669	165	5877	2.264	ng	90
52) Acenaphthene	9.910	154	23804	2.588	ng	98
53) 3-Nitroaniline	9.851	138	5791	2.248	ng	97
55) Dibenzofuran	10.086	168	37408	2.625	ng	95
56) 4-Nitrophenol	10.086	139	16952	15.997	ng	# 13
57) 2,4-Dinitrotoluene	10.086	165	7893	2.311	ng	# 88
58) Fluorene	10.427	166	30732	2.614	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	6273	2.311	ng	# 94
60) Diethylphthalate	10.292	149	29504	2.506	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	14730	2.494	ng	98
62) 4-Nitroaniline	10.463	138	4624	1.718	ng	97
63) Azobenzene	10.580	77	27503	2.485	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	1877	1.042	ng	81
66) n-Nitrosodiphenylamine	10.539	169	25965	2.656	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	8614	2.422	ng	98
68) Hexachlorobenzene	10.980	284	10319	2.559	ng	95
69) Atrazine	11.063	200	7215	2.643	ng	97
70) Pentachlorophenol	11.198	266	610	0.414	ng	87
71) Phenanthrene	11.392	178	42419	2.595	ng	99
72) Anthracene	11.445	178	40748	2.531	ng	98
73) Carbazole	11.610	167	39512	2.506	ng	99
74) Di-n-butylphthalate	11.922	149	45060	2.435	ng	99
75) Fluoranthene	12.586	202	47947	2.547	ng	100
77) Benzidine	12.721	184	11522	2.411	ng	99
78) Pyrene	12.816	202	51257	2.461	ng	99
80) Butylbenzylphthalate	13.427	149	16291	2.126	ng	96
81) Benzo(a)anthracene	14.010	228	43179	2.601	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	11846	2.366	ng	96
83) Chrysene	14.051	228	37363	2.476	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	21488	2.175	ng	99
85) Di-n-octyl phthalate	14.615	149	31976	2.139	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.027	276	25441	2.134	ng	99
88) Benzo(b)fluoranthene	15.086	252	34089	2.570	ng	99
89) Benzo(k)fluoranthene	15.115	252	29623	2.604	ng	97
90) Benzo(a)pyrene	15.462	252	25722	2.477	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	21445	2.171	ng	98
92) Benzo(g,h,i)perylene	17.486	276	21384	2.127	ng	96

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

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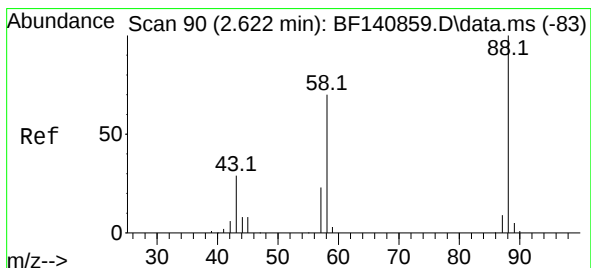
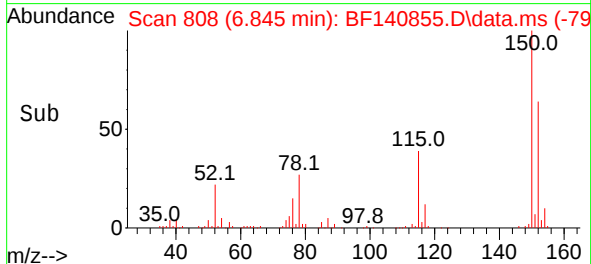
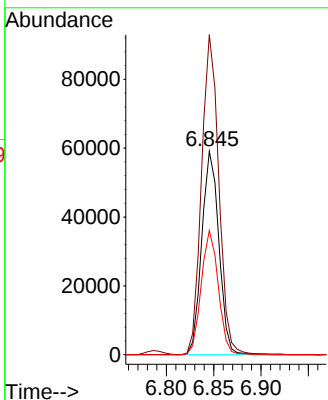
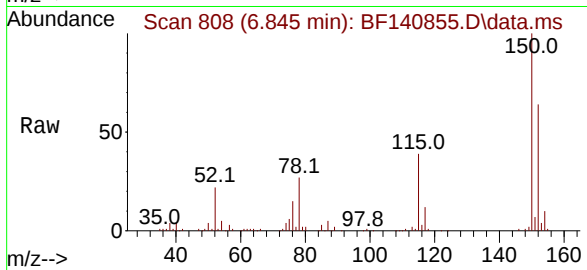




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

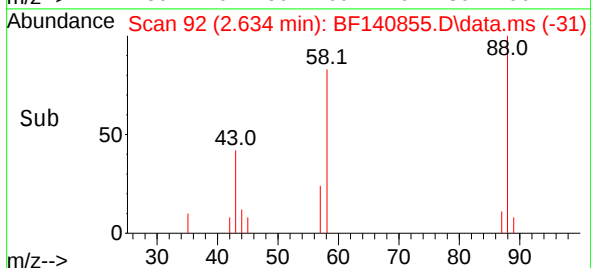
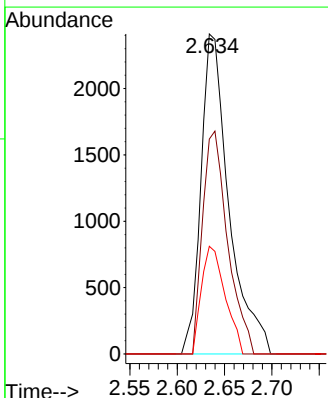
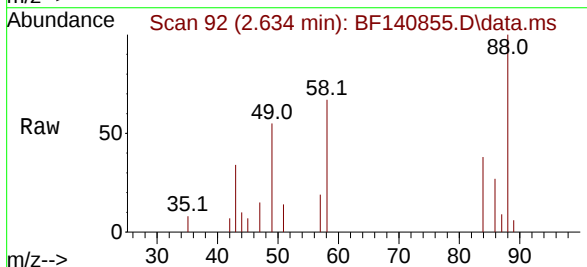
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

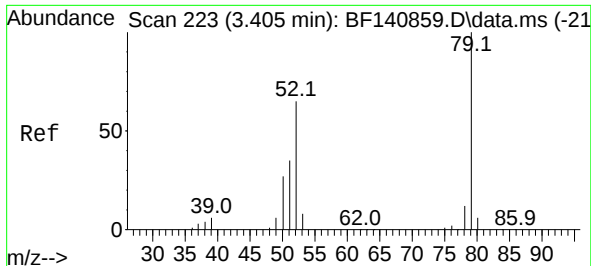
Tgt Ion:152 Resp: 74199
Ion Ratio Lower Upper
152 100
150 157.3 127.9 191.9
115 61.0 48.0 72.0



#2
1,4-Dioxane
Concen: 2.551 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 88 Resp: 4953
Ion Ratio Lower Upper
88 100
58 62.4 55.8 83.8
43 28.4 22.7 34.1





#3

Pyridine

Concen: 2.069 ng

RT: 3.475 min Scan# 21

Delta R.T. 0.070 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

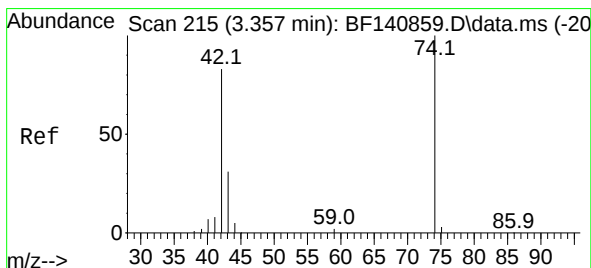
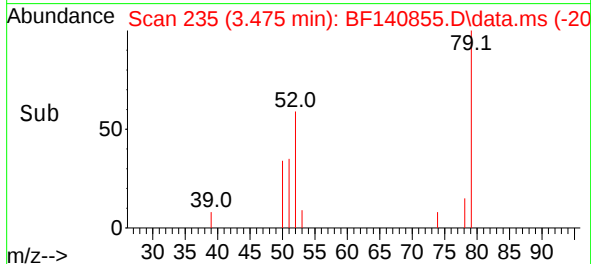
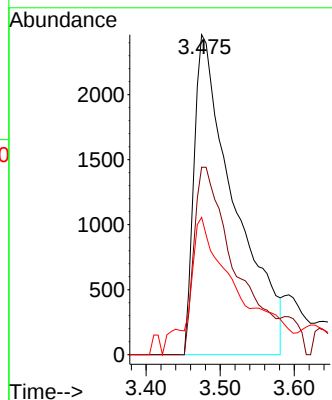
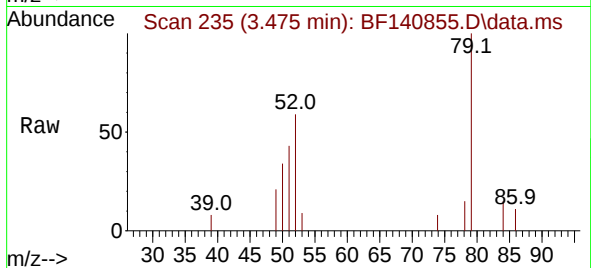
Tgt Ion: 79 Resp: 9303

Ion Ratio Lower Upper

79 100

52 58.6 51.7 77.5

51 42.9 28.2 42.4#



#4

n-Nitrosodimethylamine

Concen: 1.931 ng

RT: 3.381 min Scan# 219

Delta R.T. 0.023 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

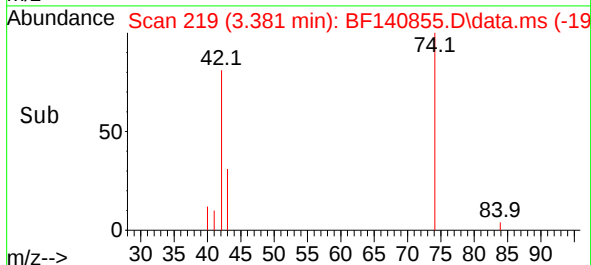
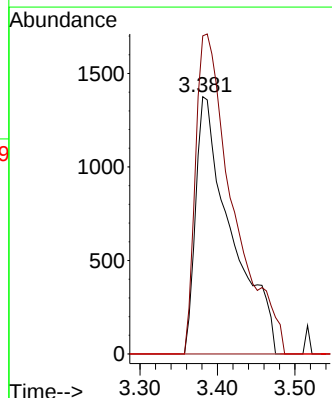
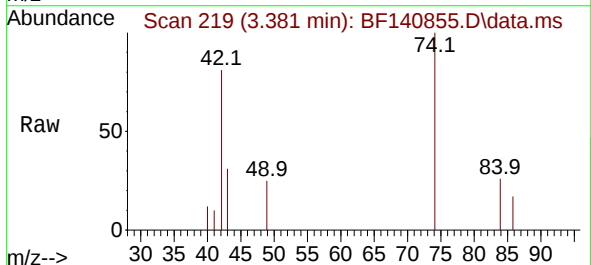
Tgt Ion: 42 Resp: 4376

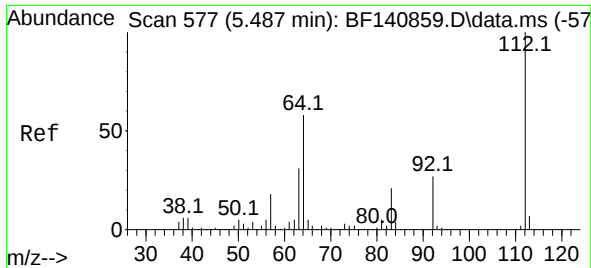
Ion Ratio Lower Upper

42 100

74 123.6 96.9 145.3

44 0.0 4.4 6.6#

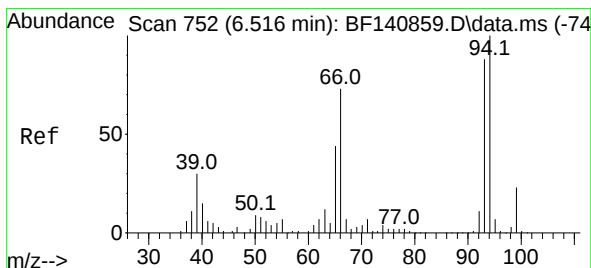
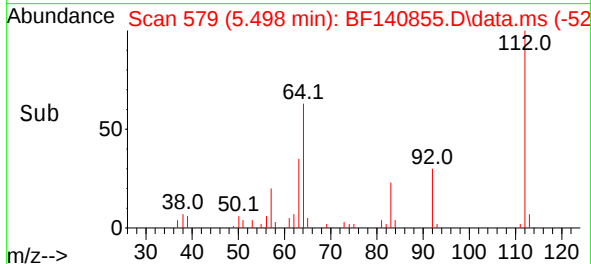
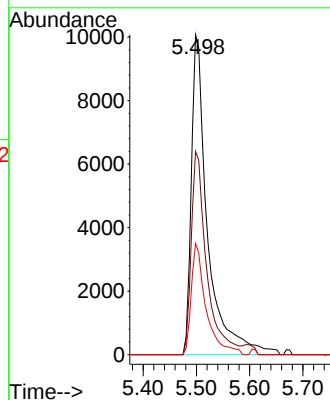
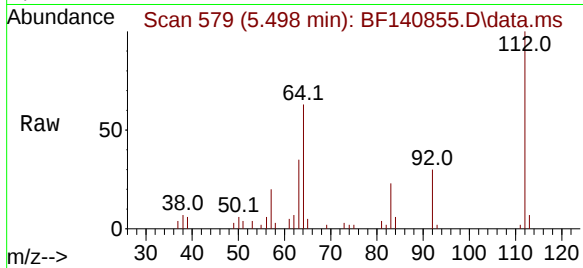




#5
2-Fluorophenol
Concen: 4.747 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

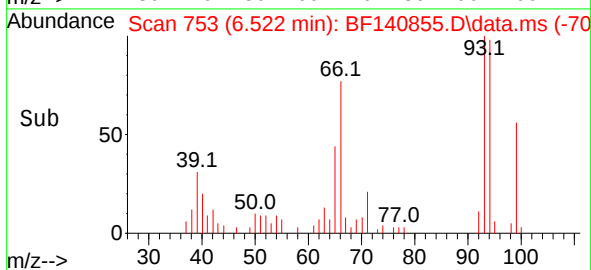
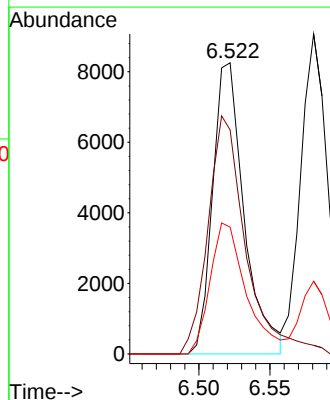
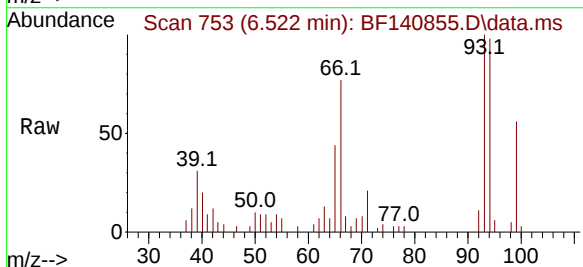
Instrument :
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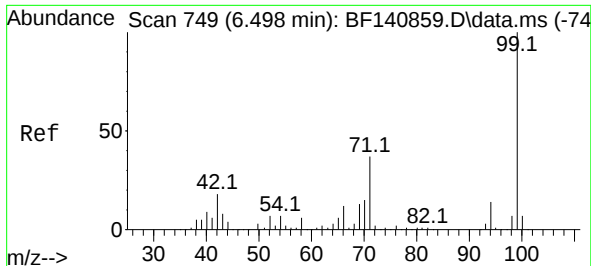
Tgt Ion:112 Resp: 21395
Ion Ratio Lower Upper
112 100
64 63.5 46.1 69.1
63 34.7 24.9 37.3



#6
Aniline
Concen: 2.493 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 93 Resp: 12727
Ion Ratio Lower Upper
93 100
66 76.9 67.0 100.4
65 43.6 40.4 60.6

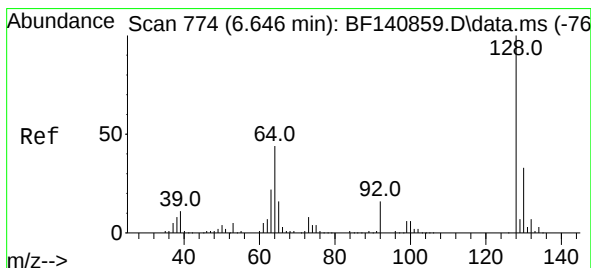
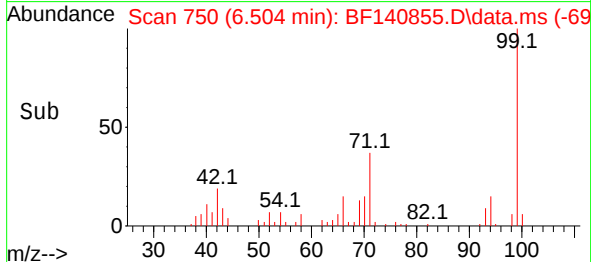
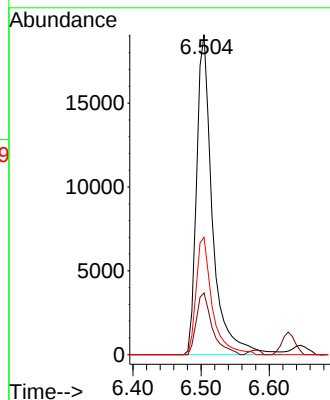
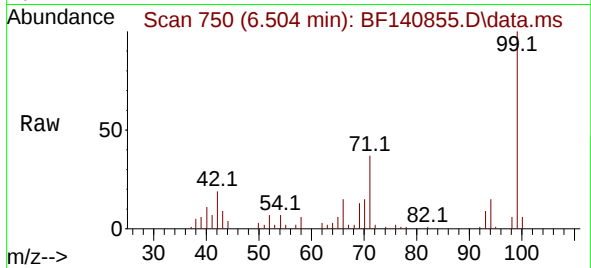




#7
Phenol-d6
Concen: 5.172 ng
RT: 6.504 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

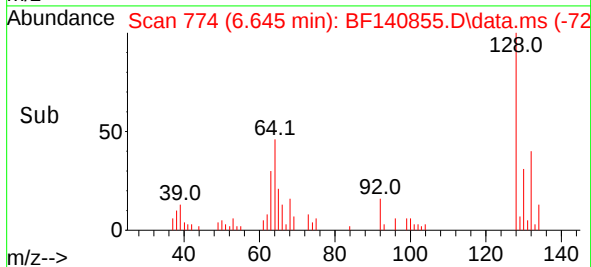
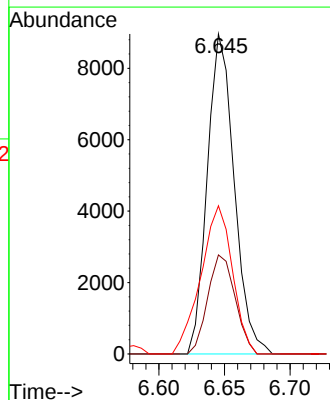
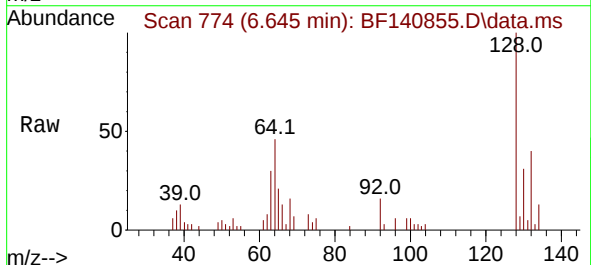
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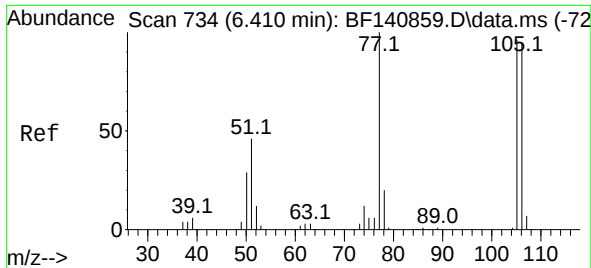
Tgt Ion: 99 Resp: 30875
Ion Ratio Lower Upper
99 100
42 19.3 14.3 21.5
71 36.7 29.9 44.9



#8
2-Chlorophenol
Concen: 2.604 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 128 Resp: 12801
Ion Ratio Lower Upper
128 100
130 30.9 12.9 52.9
64 46.3 24.3 64.3





#9

Benzaldehyde

Concen: 2.846 ng

RT: 6.410 min Scan# 714

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

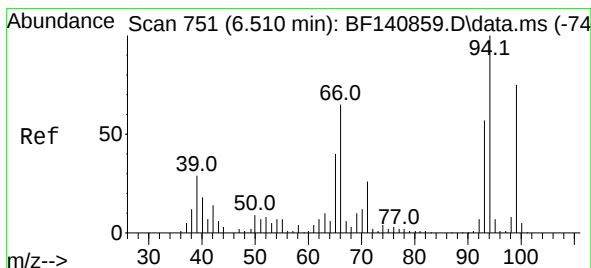
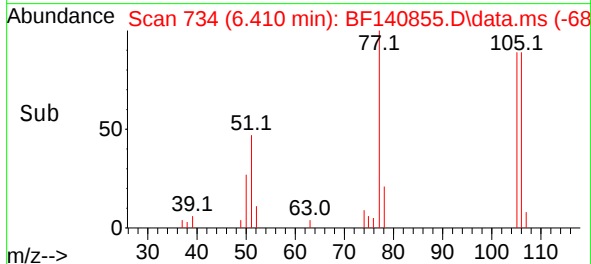
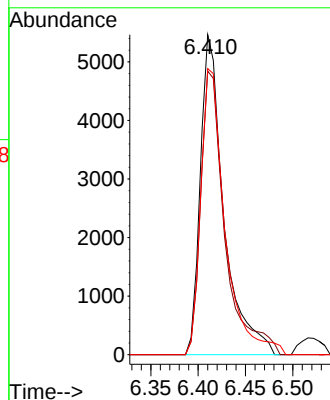
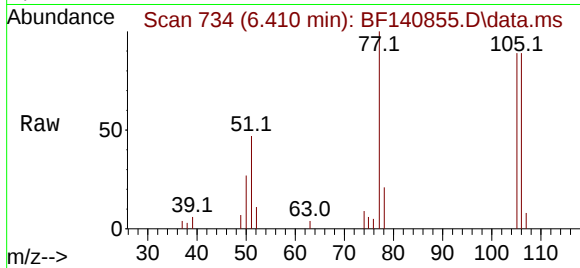
Tgt Ion: 77 Resp: 9415

Ion Ratio Lower Upper

77 100

105 88.6 75.8 115.8

106 89.4 74.1 114.1



#10

Phenol

Concen: 2.711 ng

RT: 6.516 min Scan# 752

Delta R.T. 0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

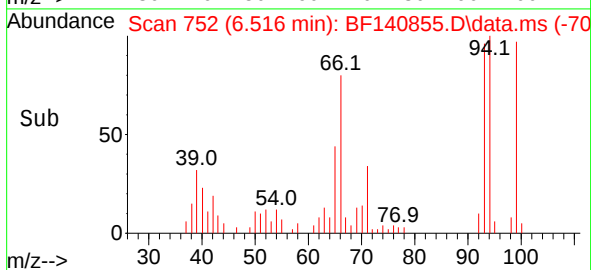
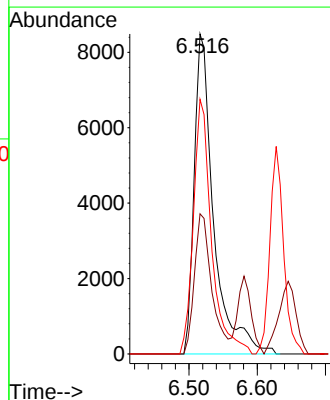
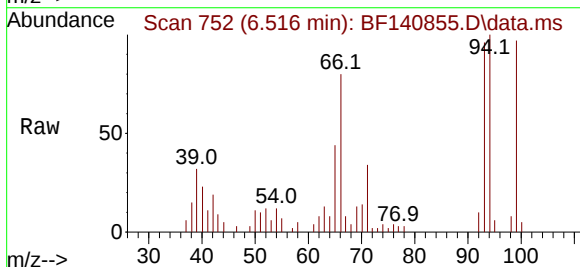
Tgt Ion: 94 Resp: 16774

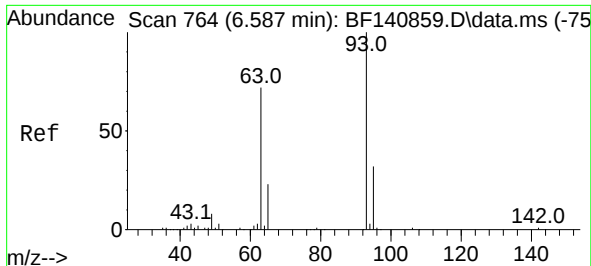
Ion Ratio Lower Upper

94 100

65 43.8 19.9 59.9

66 79.5 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 2.645 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

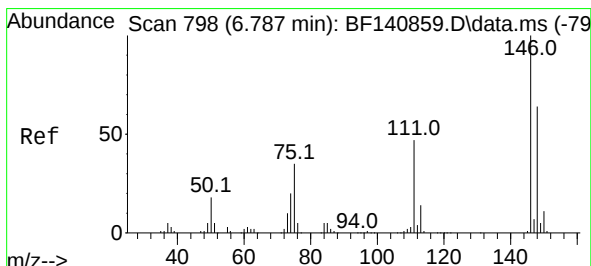
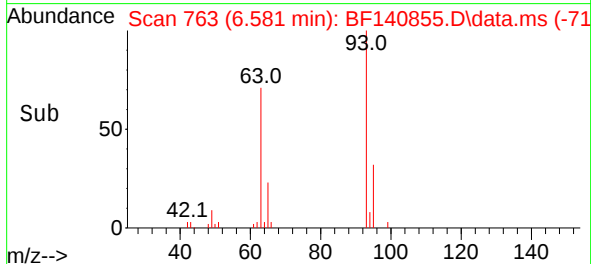
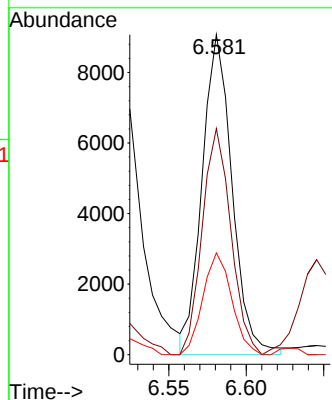
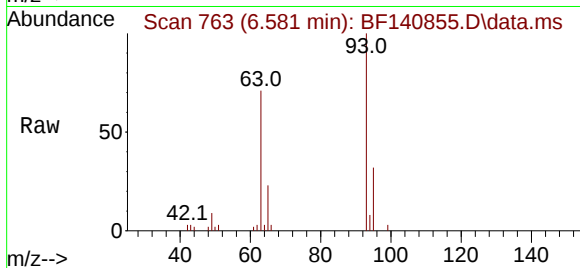
Tgt Ion: 93 Resp: 12203

Ion Ratio Lower Upper

93 100

63 70.6 51.0 91.0

95 31.8 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 2.620 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

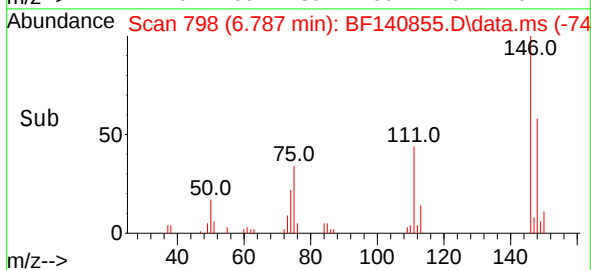
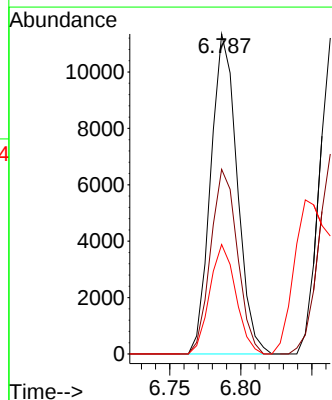
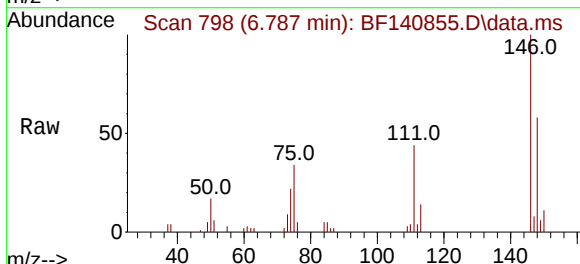
Tgt Ion:146 Resp: 14673

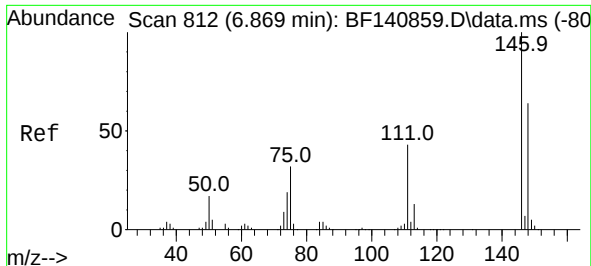
Ion Ratio Lower Upper

146 100

148 57.7 51.0 76.6

75 34.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 2.637 ng

RT: 6.863 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF140855.D

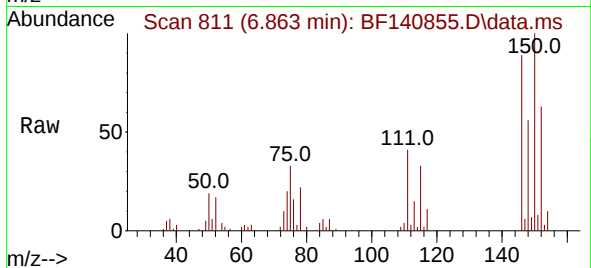
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



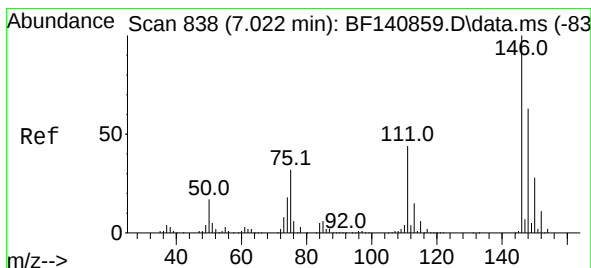
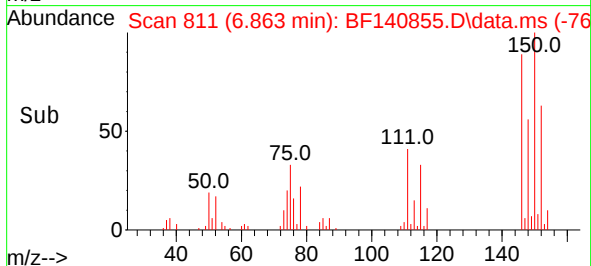
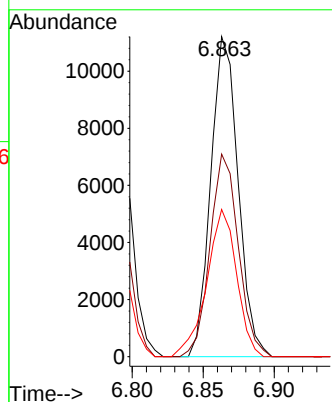
Tgt Ion:146 Resp: 14993

Ion Ratio Lower Upper

146 100

148 63.3 51.3 76.9

111 46.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 2.549 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

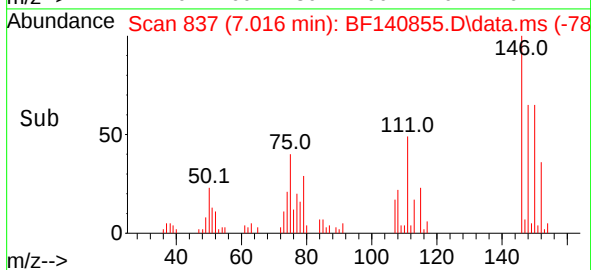
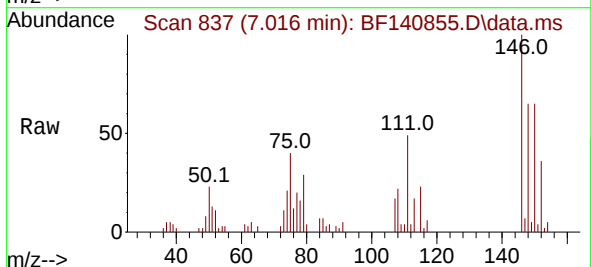
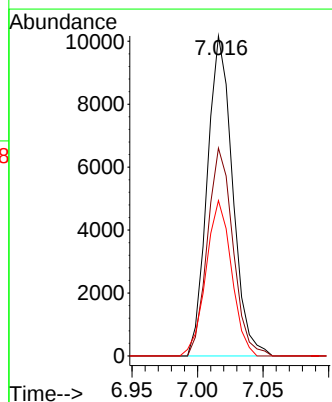
Tgt Ion:146 Resp: 13671

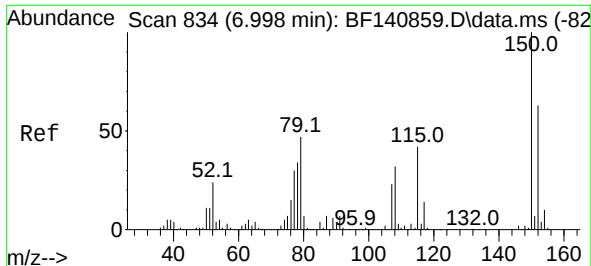
Ion Ratio Lower Upper

146 100

148 64.9 50.0 75.0

111 48.6 35.6 53.4

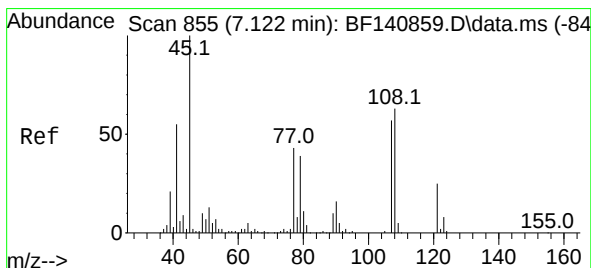
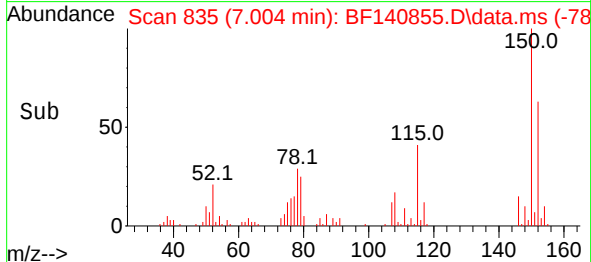
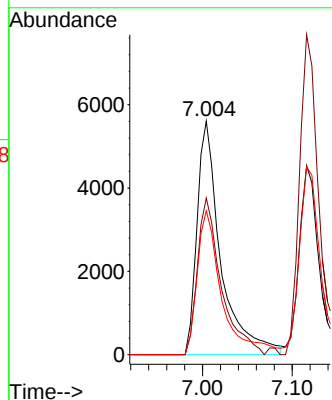
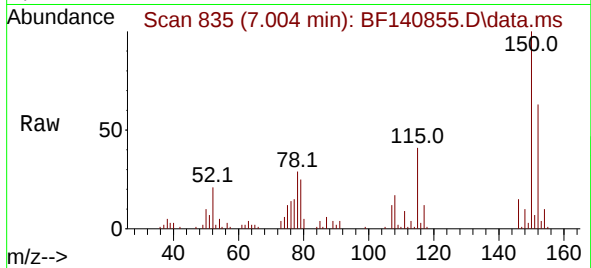




#15
Benzyl Alcohol
Concen: 2.414 ng
RT: 7.004 min Scan# 834
Delta R.T. 0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

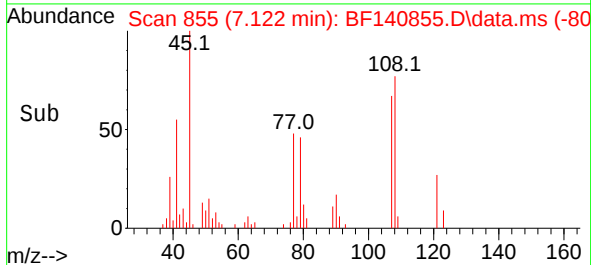
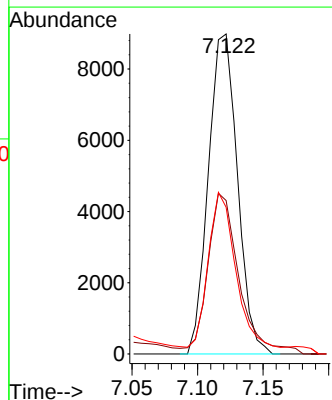
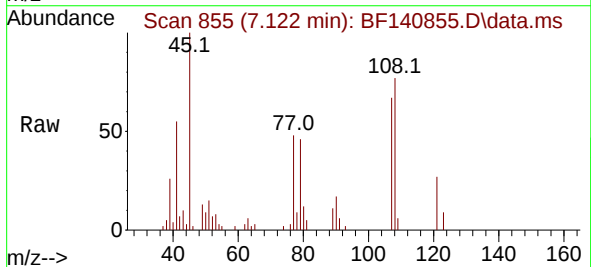
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

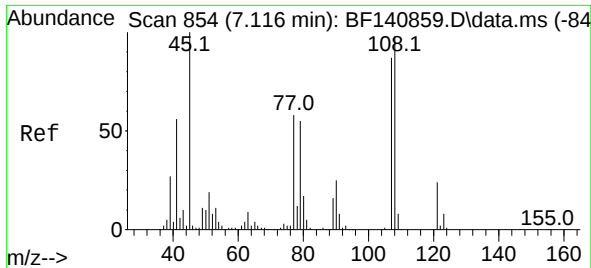
Tgt Ion: 79 Resp: 10304
Ion Ratio Lower Upper
79 100
108 67.1 55.1 82.7
77 61.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.550 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 45 Resp: 13862
Ion Ratio Lower Upper
45 100
77 47.9 23.3 63.3
79 45.8 20.0 60.0

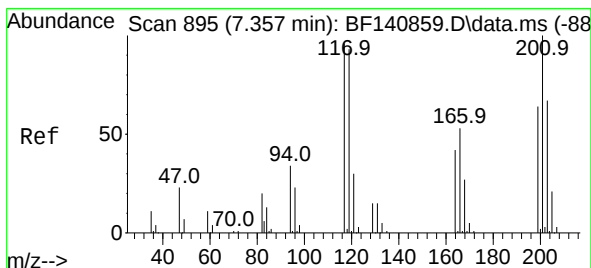
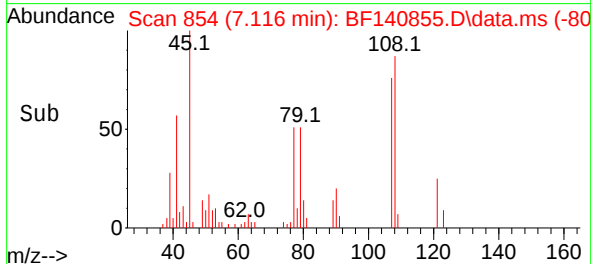
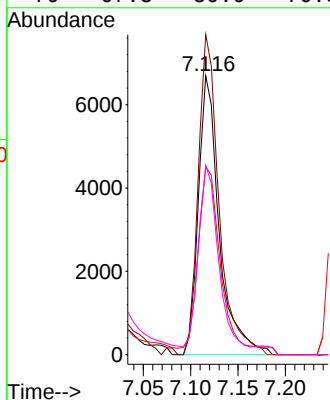
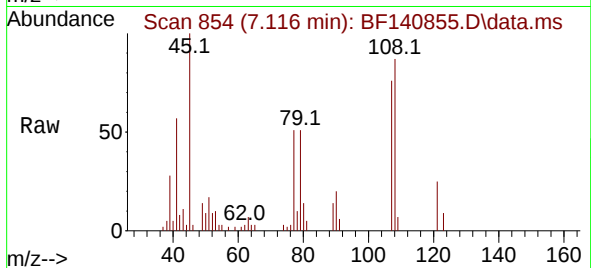




#17
2-Methylphenol
Concen: 2.616 ng
RT: 7.116 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

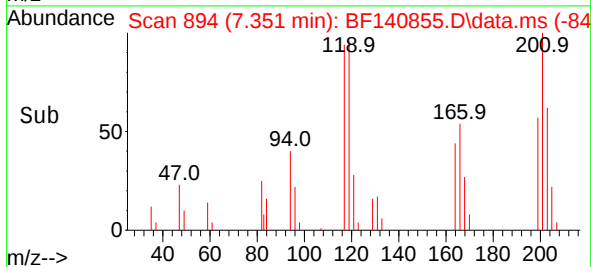
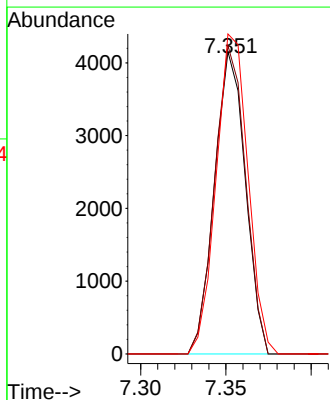
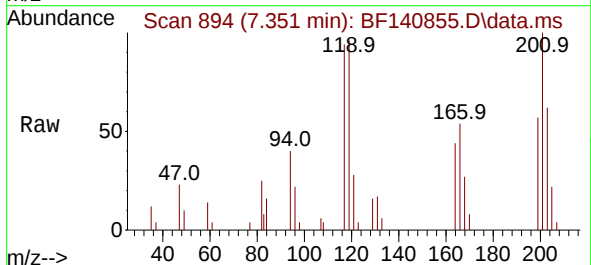
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

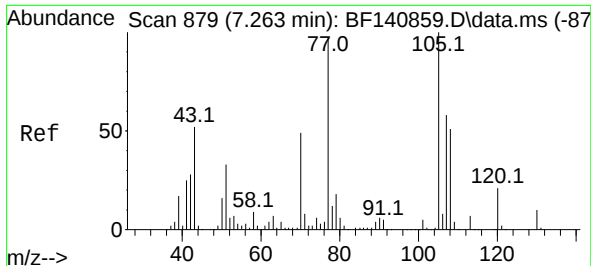
Tgt Ion:	107	Resp:	10264
Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.2	135.4
77	67.4	53.8	80.6
79	67.8	50.9	76.3



#18
Hexachloroethane
Concen: 2.468 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:	117	Resp:	5224
Ion	Ratio	Lower	Upper
117	100		
119	102.0	77.4	116.0
201	105.8	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 2.604 ng

RT: 7.251 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 70 Resp: 9325

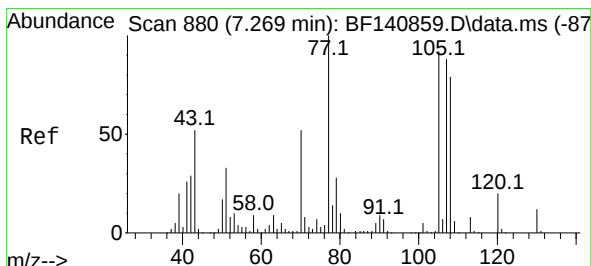
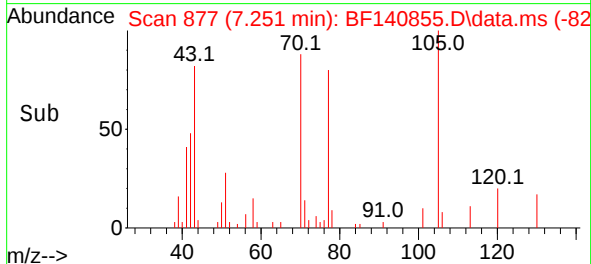
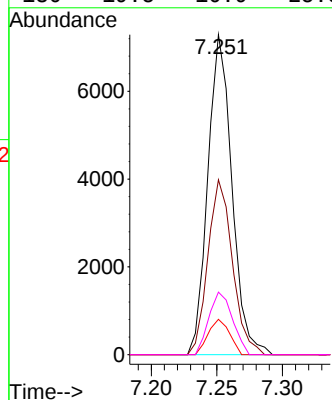
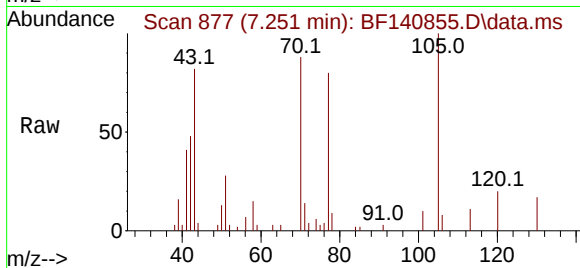
Ion Ratio Lower Upper

70 100

42 54.7 45.3 67.9

101 11.0 8.0 12.0

130 19.5 16.9 25.3



#20

3+4-Methylphenols

Concen: 2.548 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.012 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Tgt Ion: 107 Resp: 13261

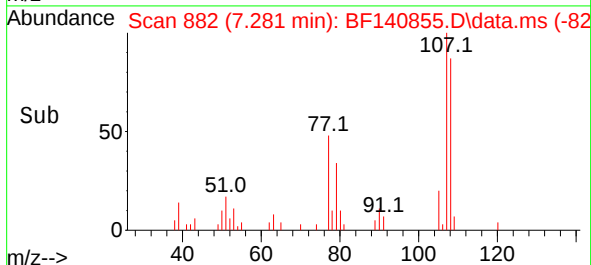
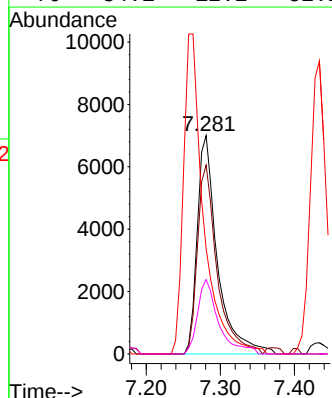
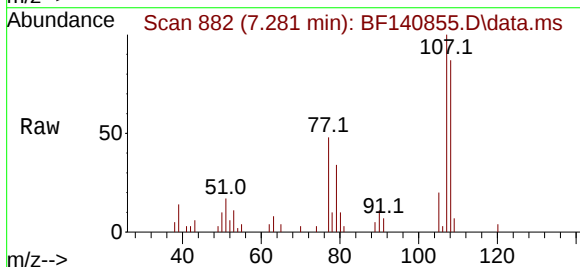
Ion Ratio Lower Upper

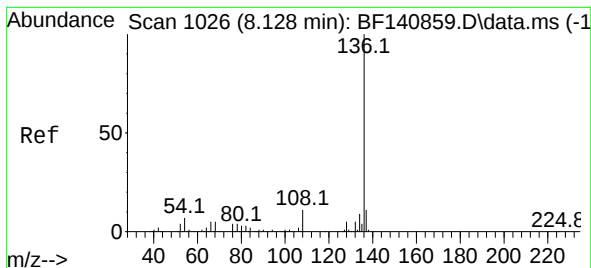
107 100

108 86.5 70.1 110.1

77 48.3 94.4 134.4#

79 34.1 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:136 Resp: 283096

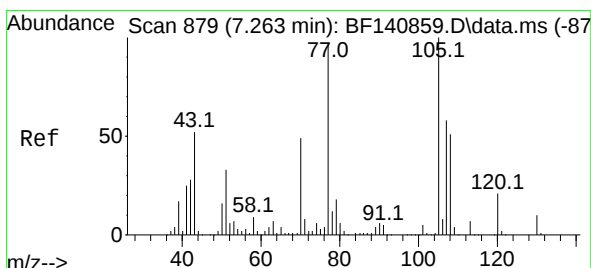
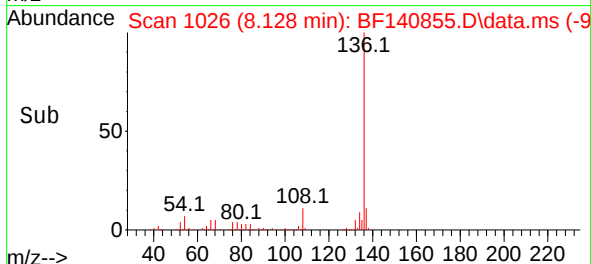
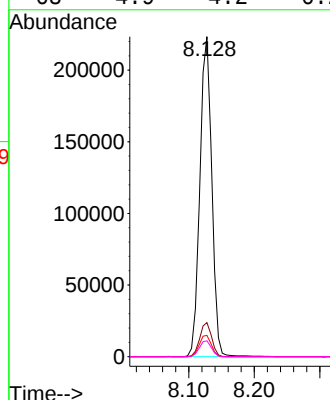
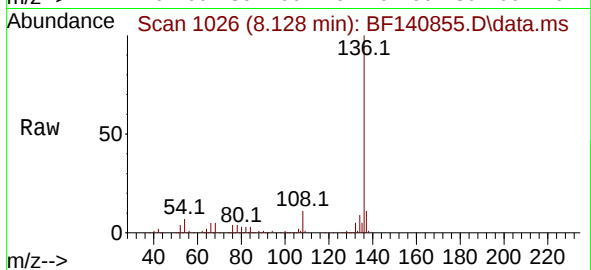
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.7 5.6 8.4

68 4.9 4.2 6.2



#22

Acetophenone

Concen: 2.588 ng

RT: 7.257 min Scan# 878

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Tgt Ion:105 Resp: 18329

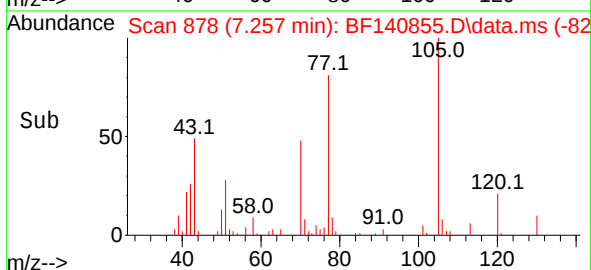
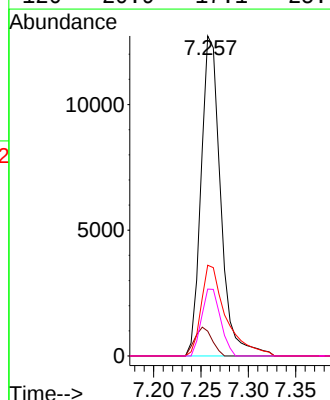
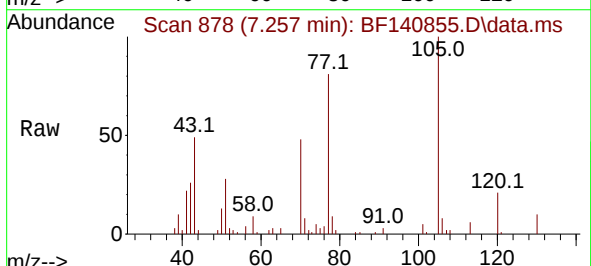
Ion Ratio Lower Upper

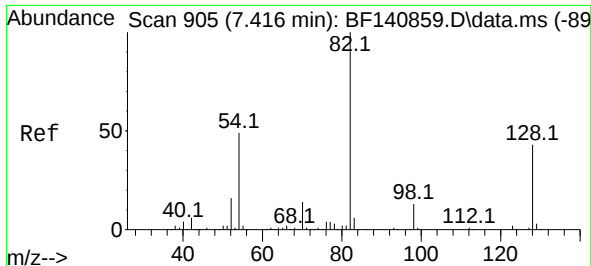
105 100

71 7.8 6.2 9.4

51 28.4 26.3 39.5

120 20.9 17.1 25.7





#23

Nitrobenzene-d5

Concen: 4.947 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

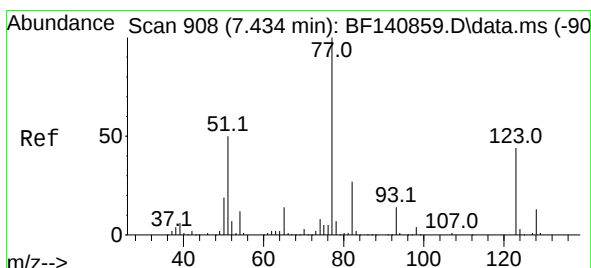
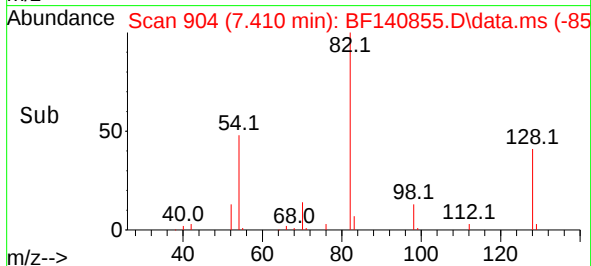
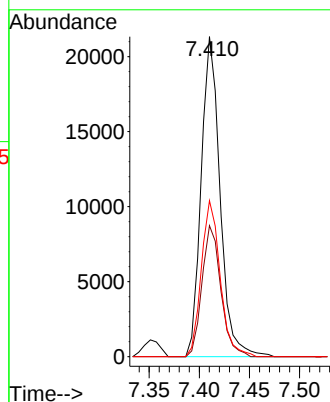
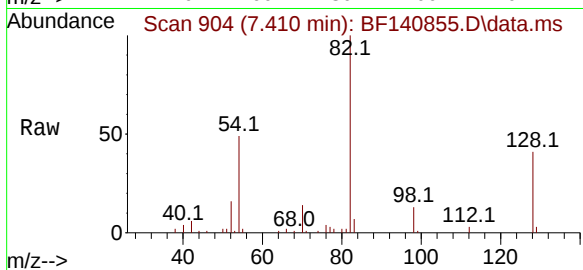
Tgt Ion: 82 Resp: 27992

Ion Ratio Lower Upper

82 100

128 41.0 34.4 51.6

54 48.7 38.8 58.2



#24

Nitrobenzene

Concen: 2.519 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

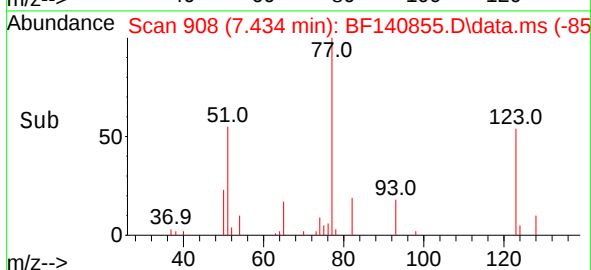
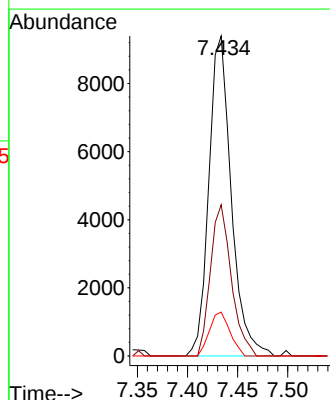
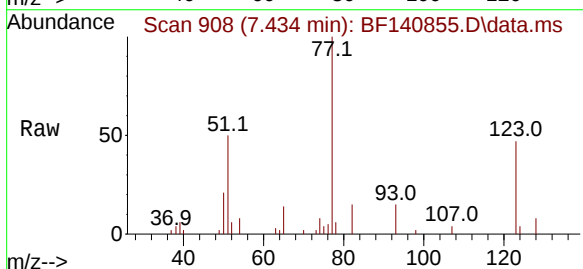
Tgt Ion: 77 Resp: 14604

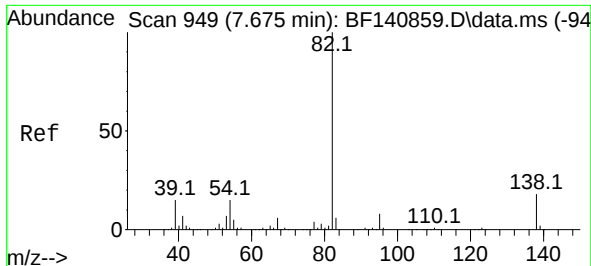
Ion Ratio Lower Upper

77 100

123 47.2 35.0 52.4

65 13.7 11.4 17.0

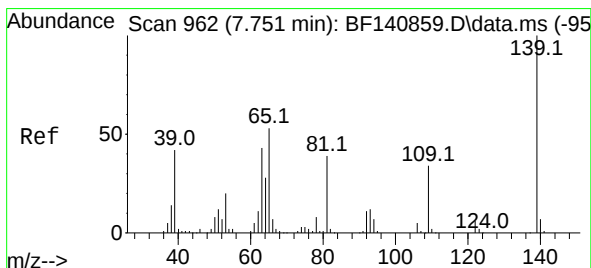
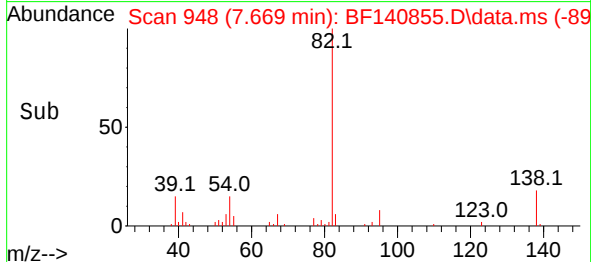
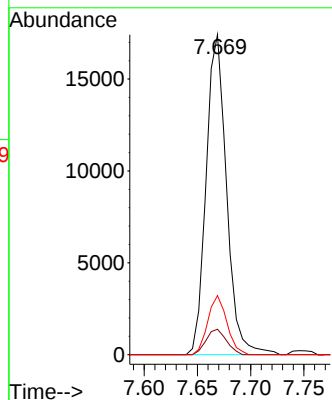
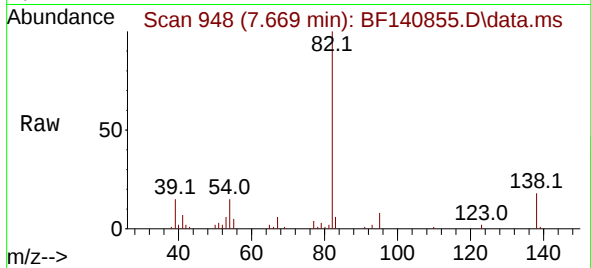




#25
Isophorone
Concen: 2.455 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

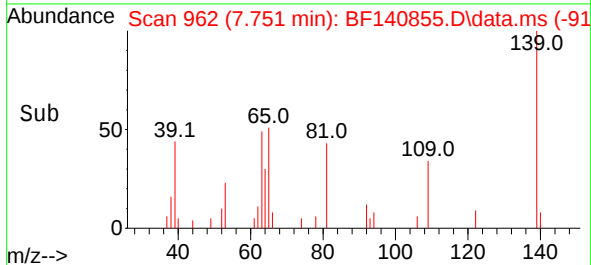
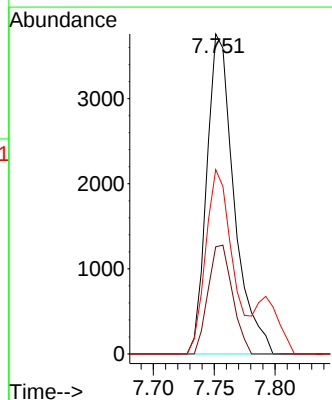
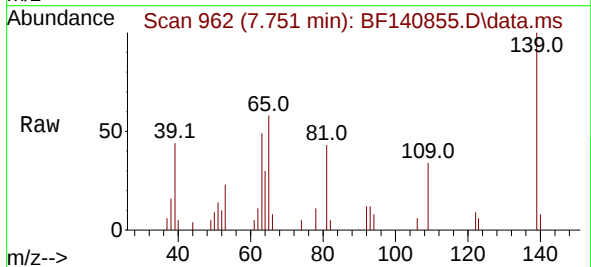
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

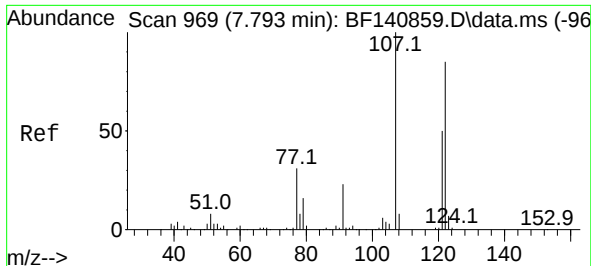
Tgt Ion: 82 Resp: 23272
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 18.5 14.1 21.1



#26
2-Nitrophenol
Concen: 2.195 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:139 Resp: 5860
Ion Ratio Lower Upper
139 100
109 33.5 26.9 40.3
65 57.6 42.6 64.0

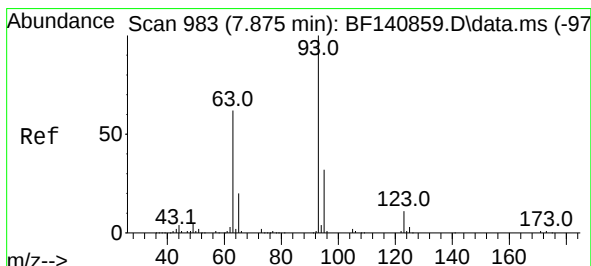
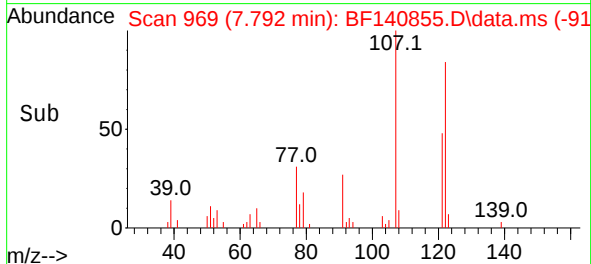
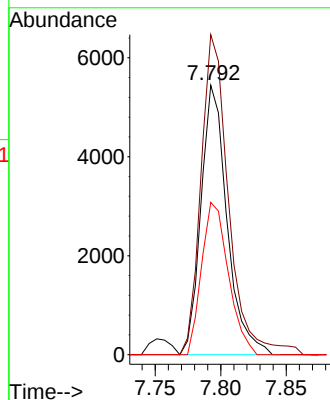
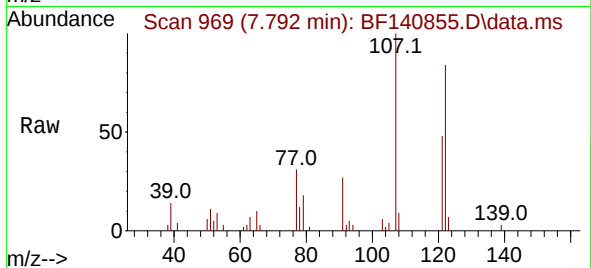




#27
2,4-Dimethylphenol
Concen: 2.419 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

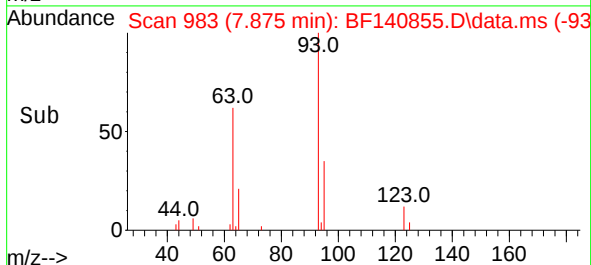
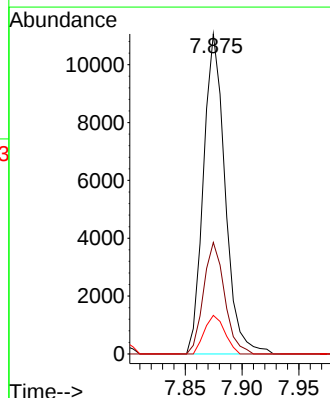
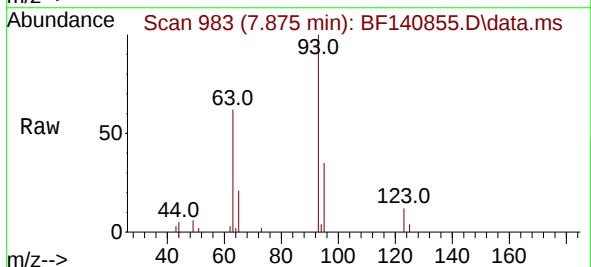
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

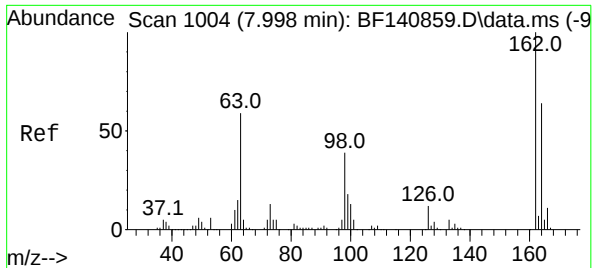
Tgt Ion:122 Resp: 7541
Ion Ratio Lower Upper
122 100
107 118.8 92.6 139.0
121 56.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 2.479 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion: 93 Resp: 14677
Ion Ratio Lower Upper
93 100
95 34.8 25.3 37.9
123 12.1 8.6 13.0

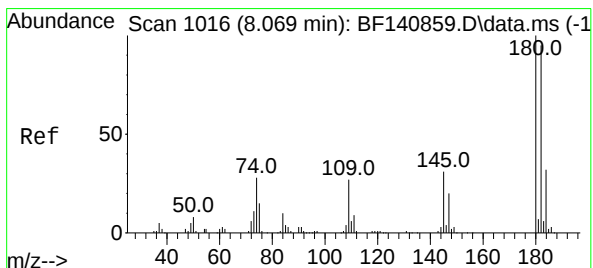
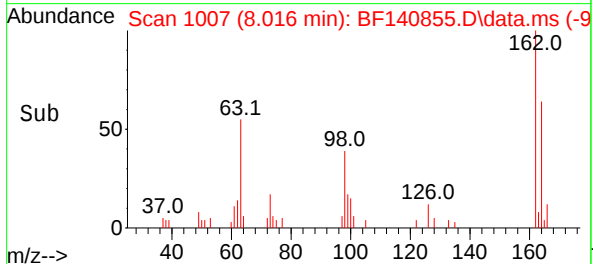
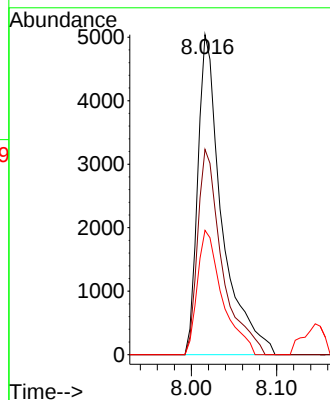
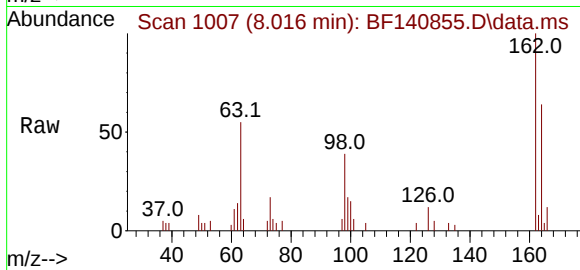




#29
2,4-Dichlorophenol
Concen: 2.297 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.018 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

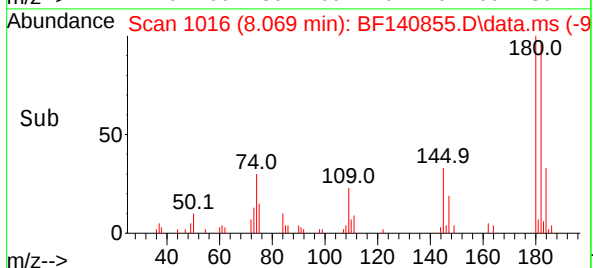
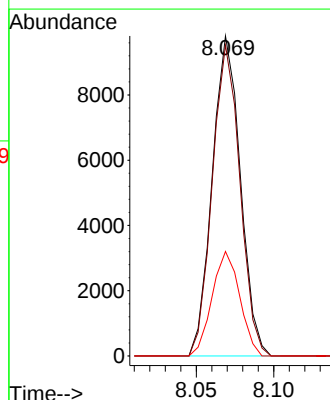
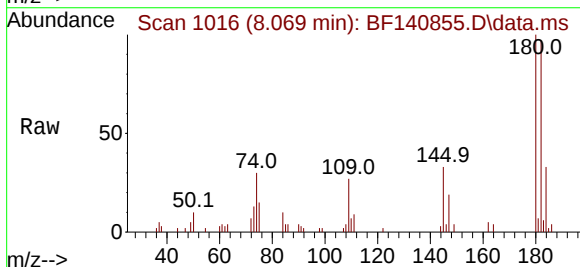
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

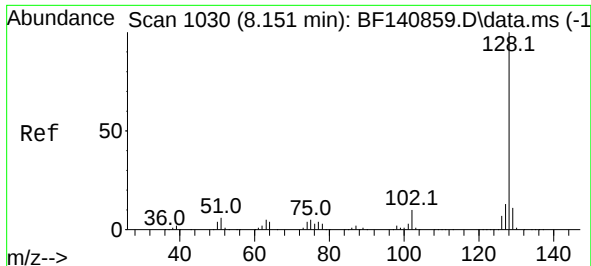
Tgt Ion:162	Resp:	9889
Ion Ratio	Lower	Upper
162	100	
164	64.2	43.7 83.7
98	38.8	18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 2.505 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:180	Resp:	12362
Ion Ratio	Lower	Upper
180	100	
182	97.2	75.8 113.6
145	32.7	25.2 37.8





#31

Naphthalene

Concen: 2.532 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

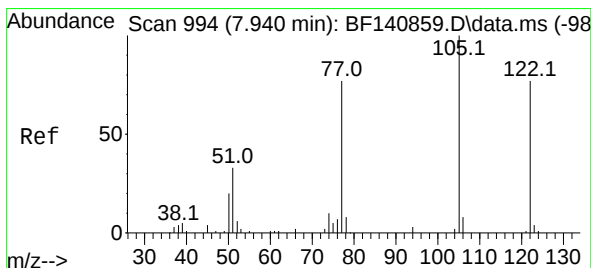
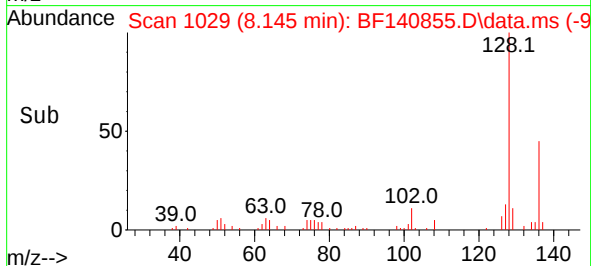
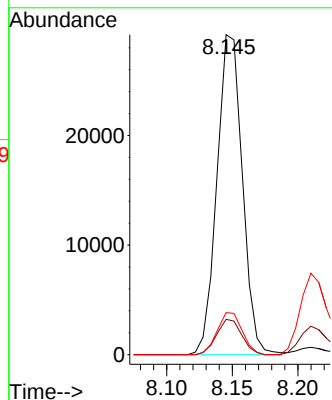
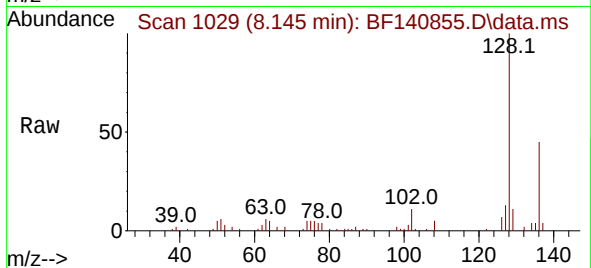
Tgt Ion:128 Resp: 39374

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.2 10.6 16.0



#32

Benzoic acid

Concen: 1.013 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.024 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

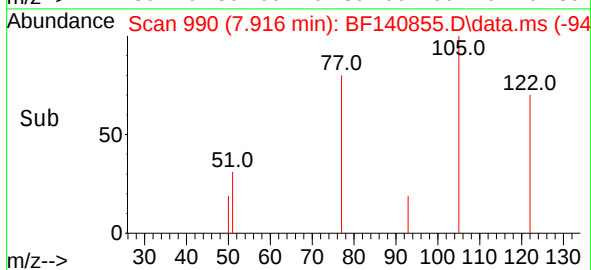
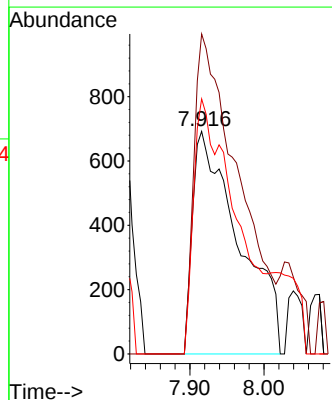
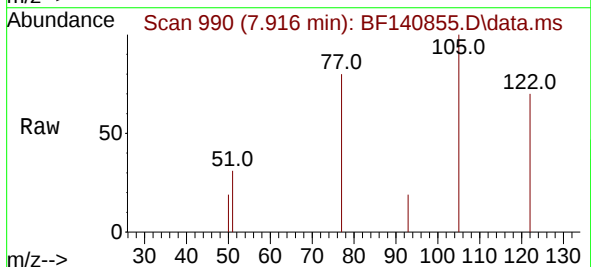
Tgt Ion:122 Resp: 2995

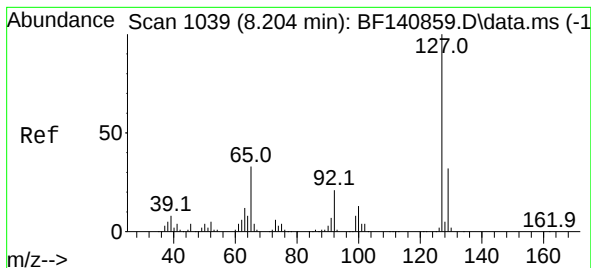
Ion Ratio Lower Upper

122 100

105 143.8 108.3 148.3

77 114.6 78.8 118.8





#33

4-Chloroaniline

Concen: 2.367 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:127 Resp: 12223

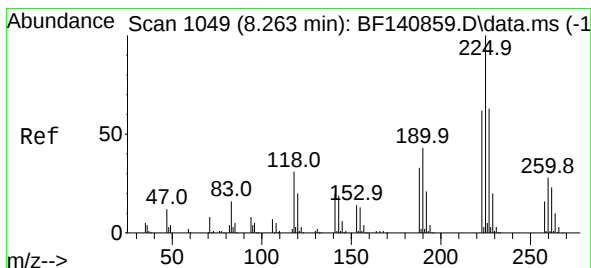
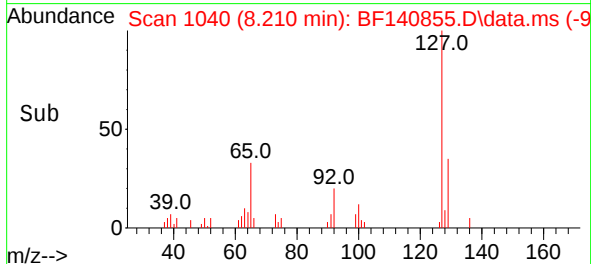
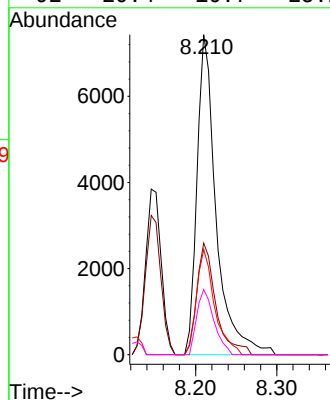
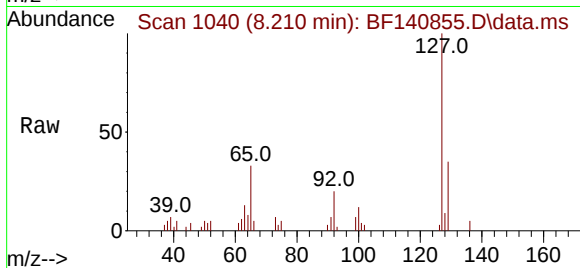
Ion Ratio Lower Upper

127 100

129 34.9 26.0 39.0

65 32.9 26.0 39.0

92 20.4 16.7 25.1



#34

Hexachlorobutadiene

Concen: 2.586 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

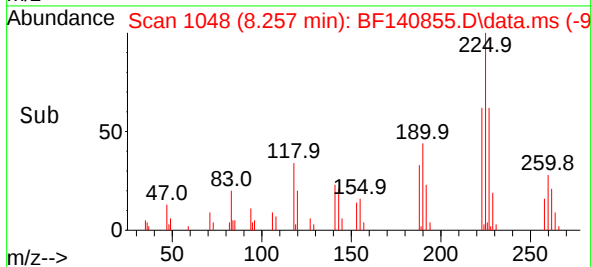
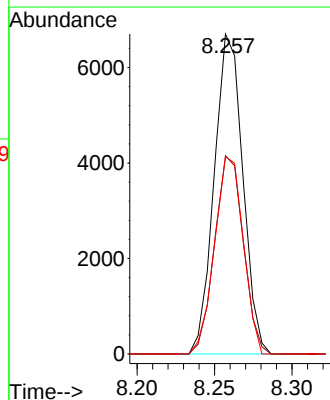
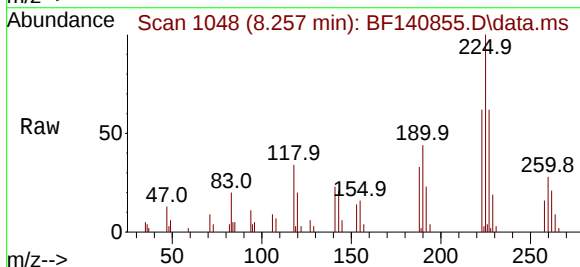
Tgt Ion:225 Resp: 8587

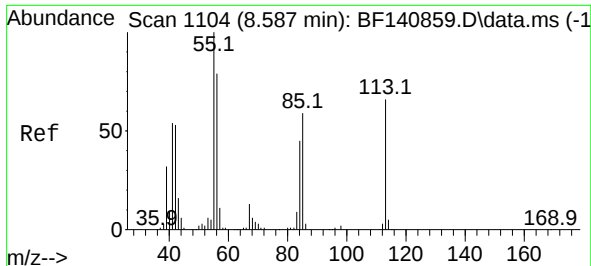
Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

227 61.7 50.7 76.1





#35

Caprolactam

Concen: 2.131 ng

RT: 8.551 min Scan# 1104

Delta R.T. -0.035 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

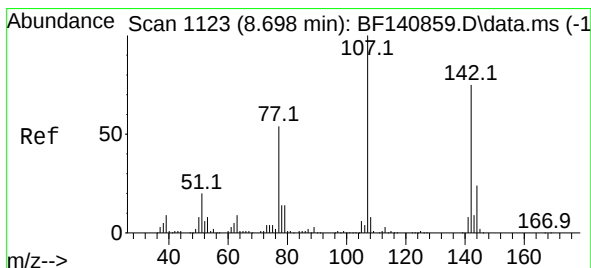
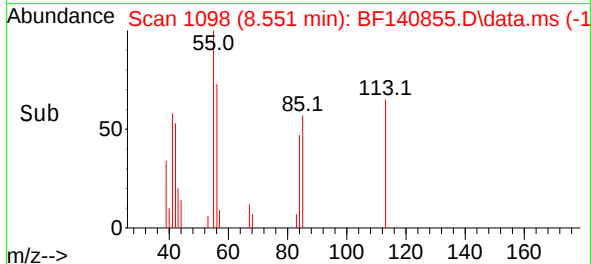
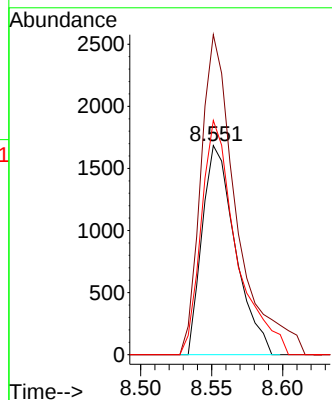
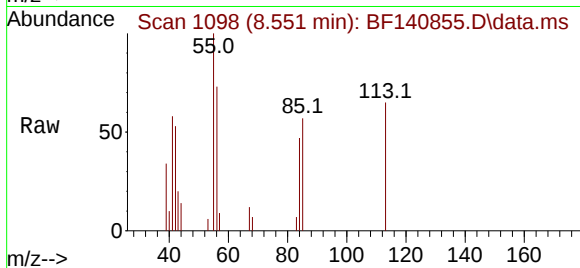
Tgt Ion:113 Resp: 2731

Ion Ratio Lower Upper

113 100

55 153.0 132.3 172.3

56 112.1 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 2.411 ng

RT: 8.698 min Scan# 1123

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

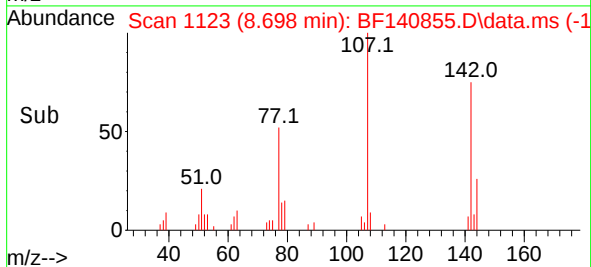
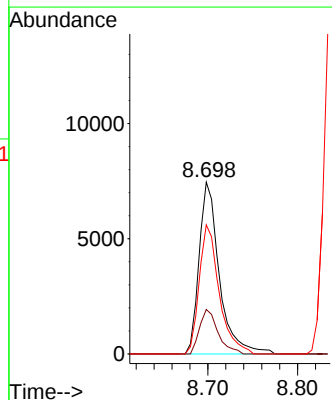
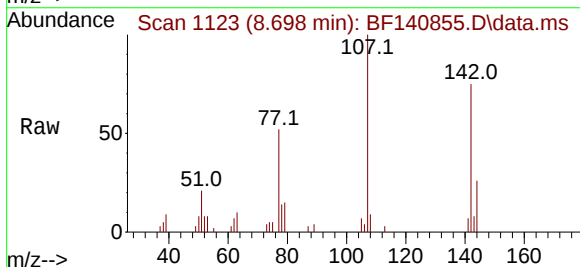
Tgt Ion:107 Resp: 11680

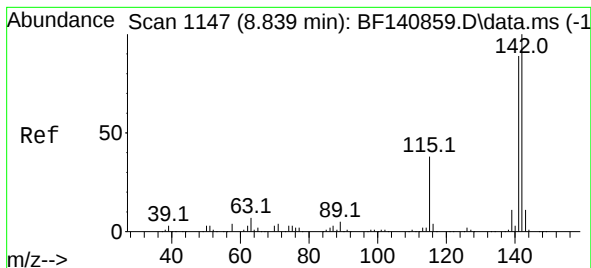
Ion Ratio Lower Upper

107 100

144 25.8 19.4 29.2

142 75.1 60.3 90.5

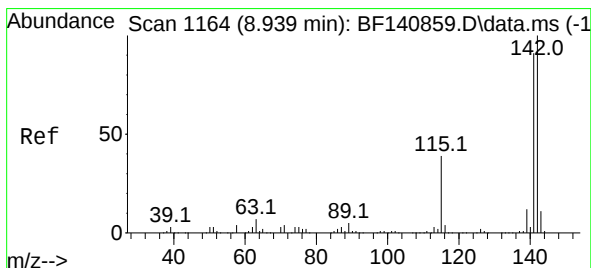
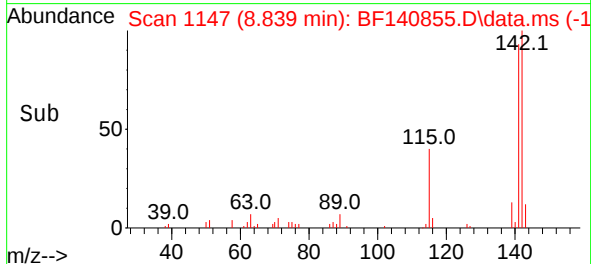
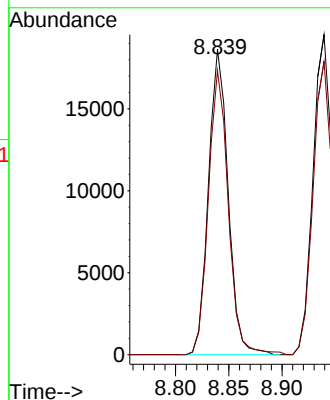
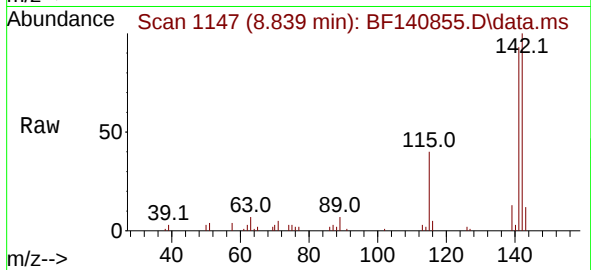




#37
2-Methylnaphthalene
Concen: 2.335 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

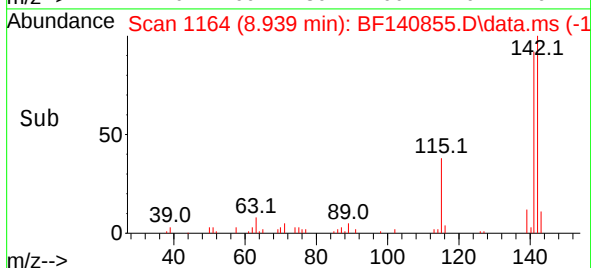
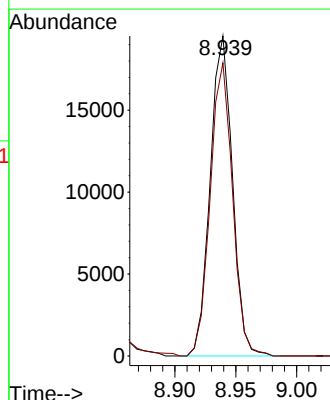
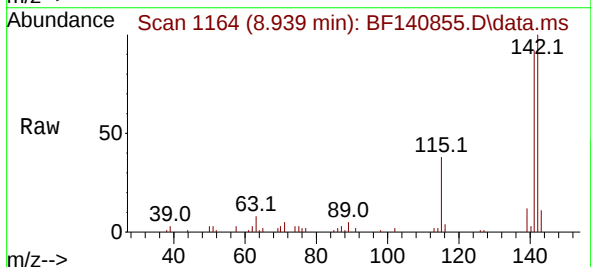
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

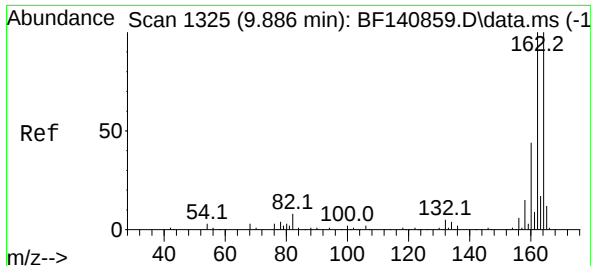
Tgt Ion:142 Resp: 24022
Ion Ratio Lower Upper
142 100
141 93.0 71.0 106.6



#38
1-Methylnaphthalene
Concen: 2.439 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:142 Resp: 24809
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

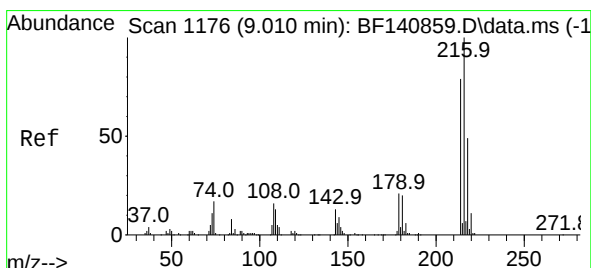
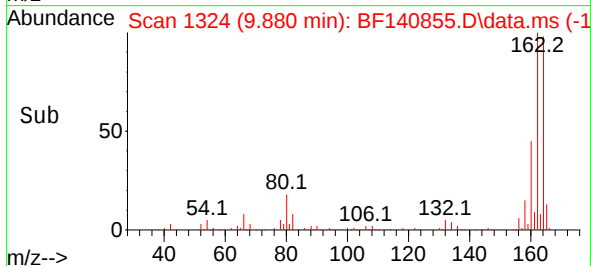
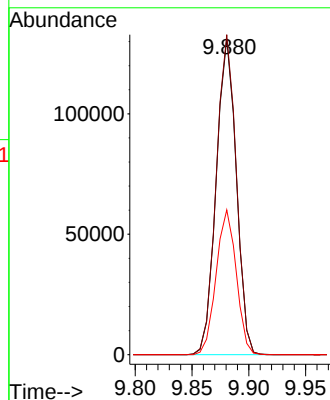
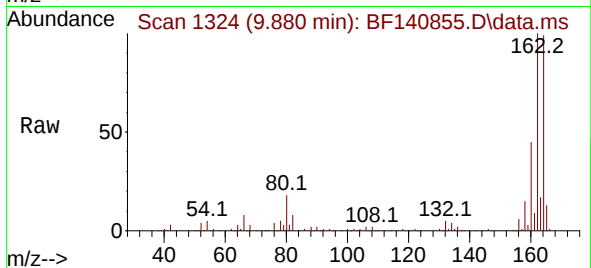
Tgt Ion:164 Resp: 161044

Ion Ratio Lower Upper

164 100

162 101.4 79.9 119.9

160 45.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.658 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Tgt Ion:216 Resp: 13156

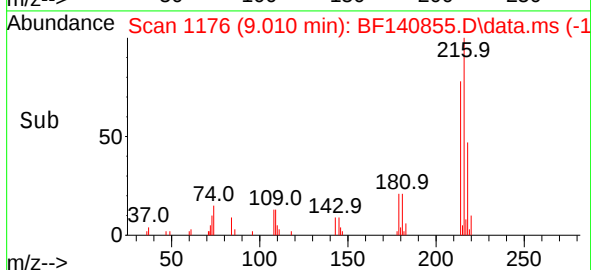
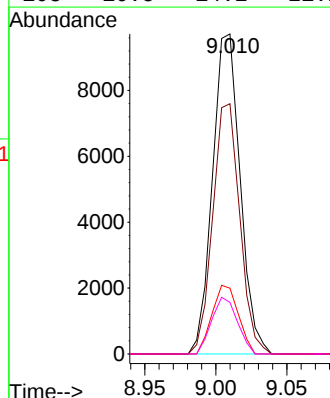
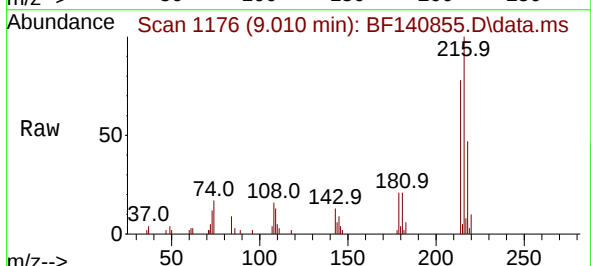
Ion Ratio Lower Upper

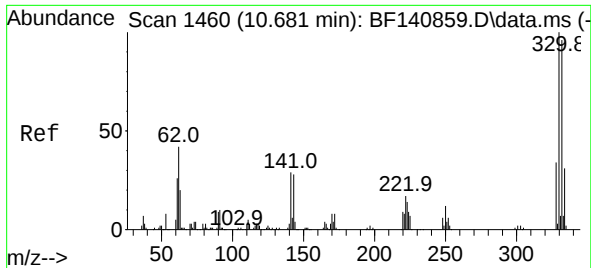
216 100

214 76.4 63.6 95.4

179 20.4 17.0 25.4

108 16.5 14.2 21.2





#42

2,4,6-Tribromophenol

Concen: 4.578 ng

RT: 10.675 min Scan# 1459

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

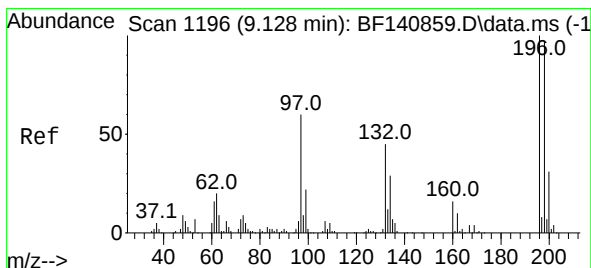
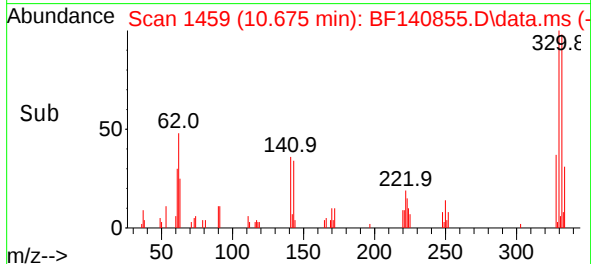
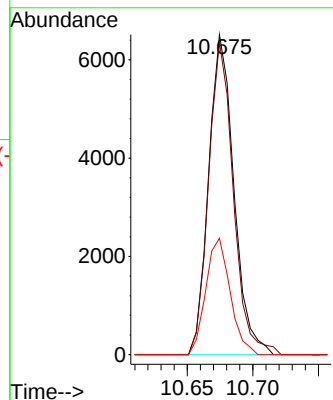
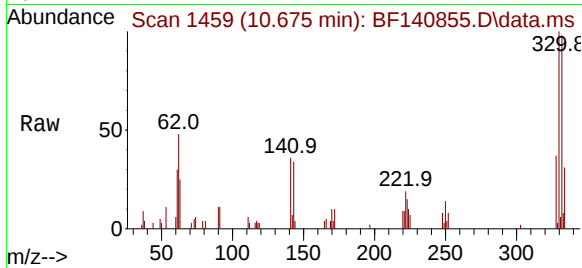
Tgt Ion:330 Resp: 8720

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

141 35.2 24.9 37.3



#43

2,4,6-Trichlorophenol

Concen: 2.436 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

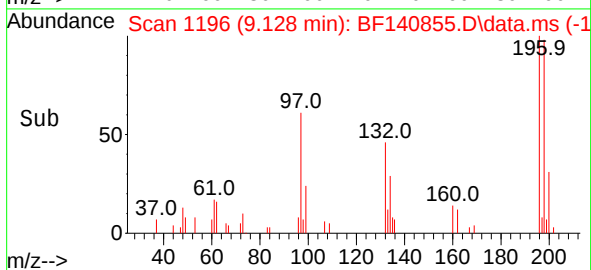
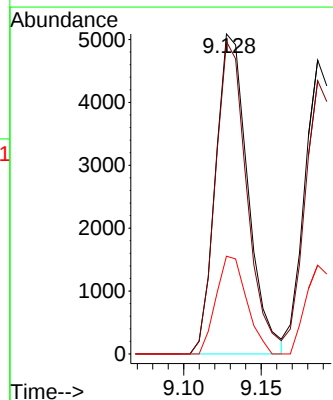
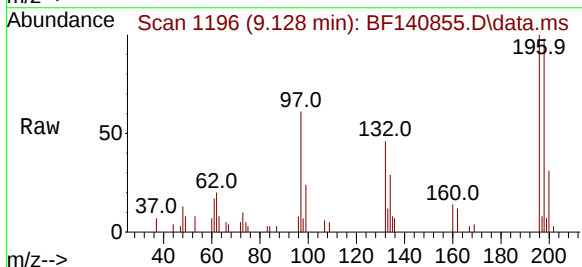
Tgt Ion:196 Resp: 7384

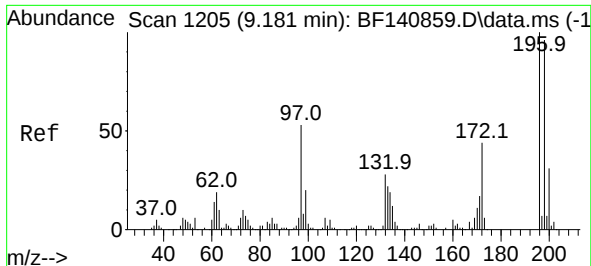
Ion Ratio Lower Upper

196 100

198 97.7 77.4 116.0

200 30.5 24.5 36.7





#44

2,4,5-Trichlorophenol

Concen: 2.467 ng

RT: 9.186 min Scan# 1205

Delta R.T. 0.006 min

Lab File: BF140855.D

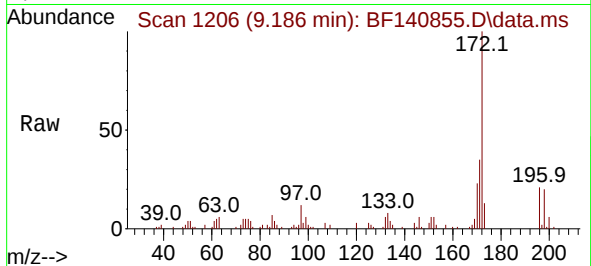
Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5



Tgt Ion:196 Resp: 8218

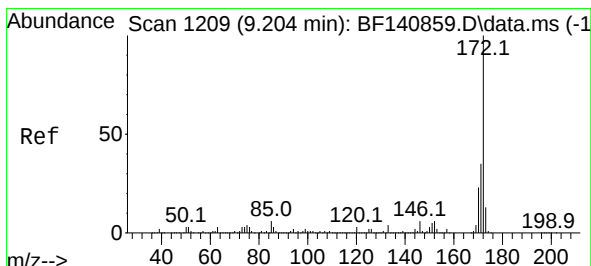
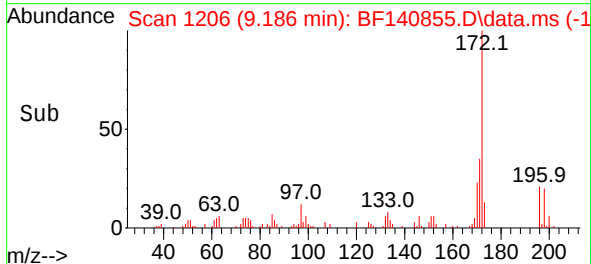
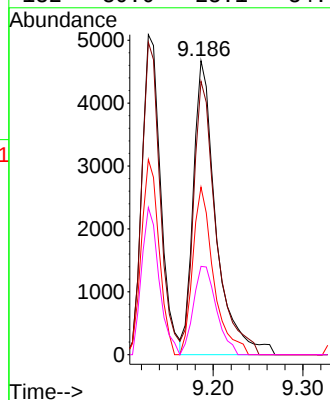
Ion Ratio Lower Upper

196 100

198 93.0 77.2 115.8

97 57.0 42.2 63.4

132 30.0 23.1 34.7



#45

2-Fluorobiphenyl

Concen: 5.454 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

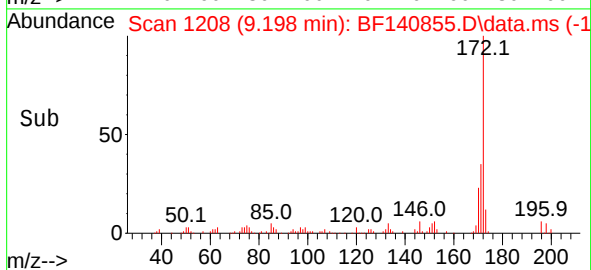
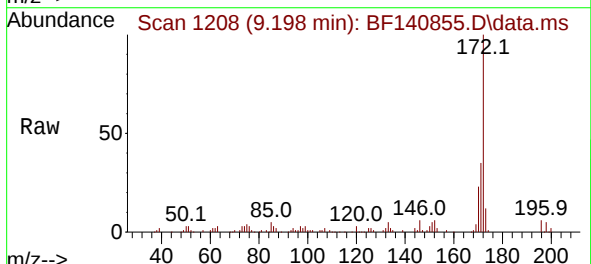
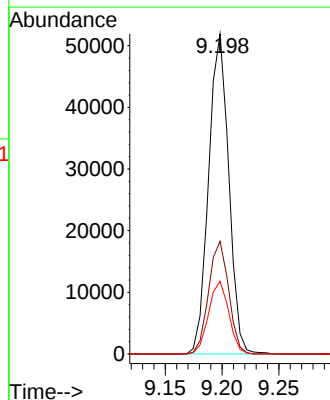
Tgt Ion:172 Resp: 63886

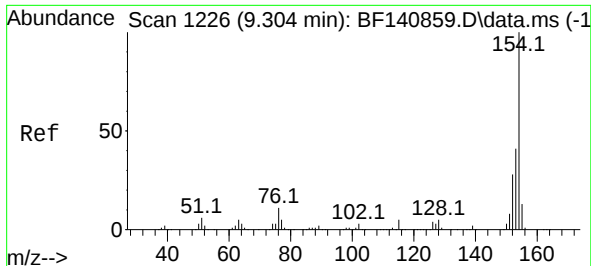
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 22.7 18.6 28.0





#46

1,1'-Biphenyl

Concen: 2.533 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

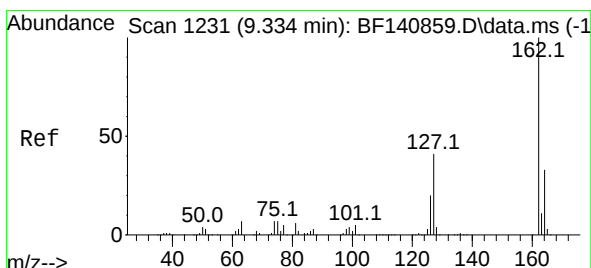
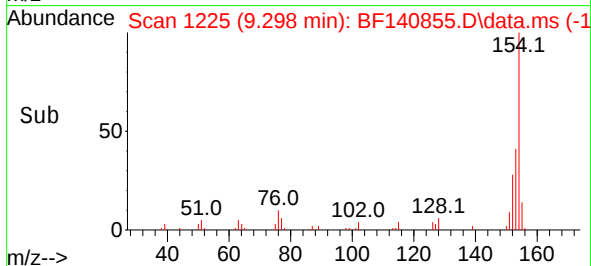
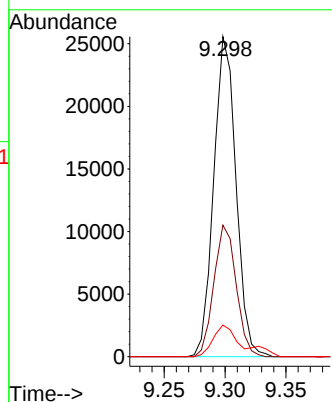
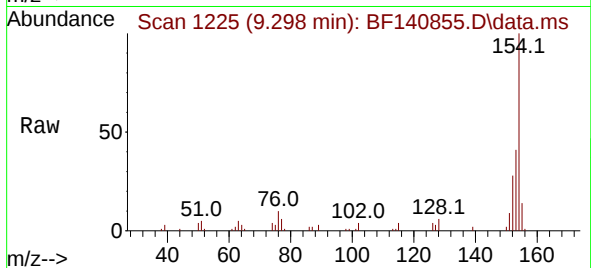
Tgt Ion:154 Resp: 32432

Ion Ratio Lower Upper

154 100

153 41.1 20.8 60.8

76 9.9 0.0 31.0



#47

2-Chloronaphthalene

Concen: 2.540 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

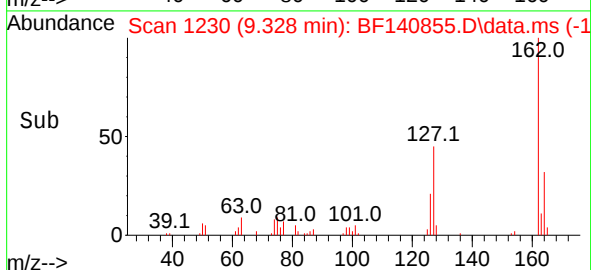
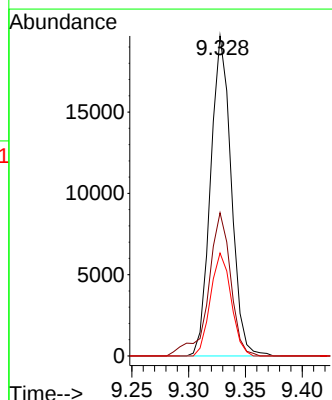
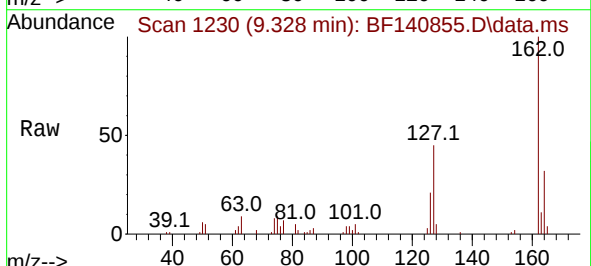
Tgt Ion:162 Resp: 24879

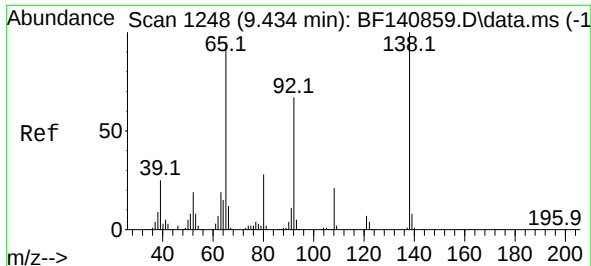
Ion Ratio Lower Upper

162 100

127 44.8 33.5 50.3

164 32.2 26.2 39.2





#48

2-Nitroaniline

Concen: 2.258 ng

RT: 9.433 min Scan# 1248

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

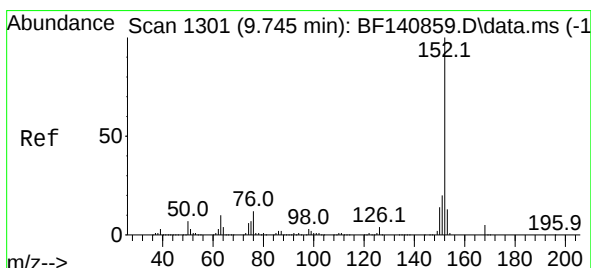
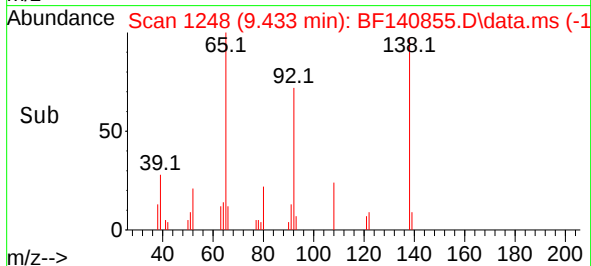
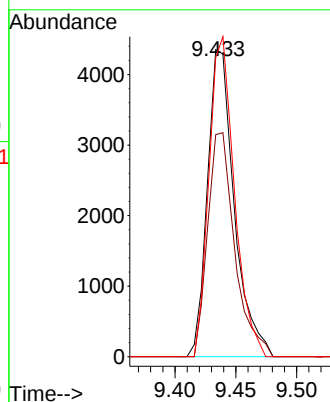
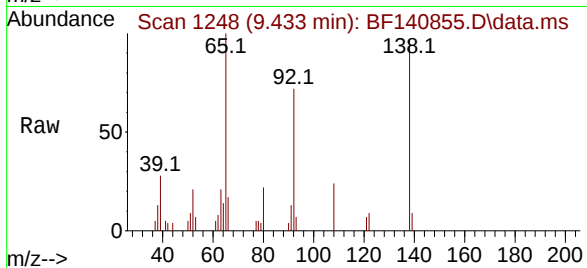
Tgt Ion: 65 Resp: 6680

Ion Ratio Lower Upper

65 100

92 72.3 56.3 84.5

138 97.4 83.8 125.6



#49

Acenaphthylene

Concen: 2.598 ng

RT: 9.745 min Scan# 1301

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

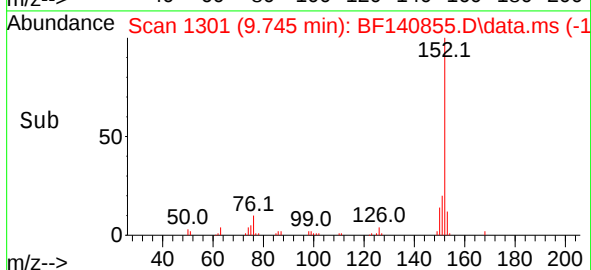
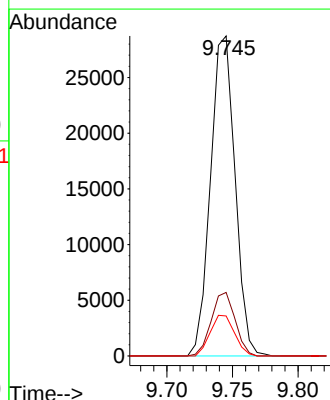
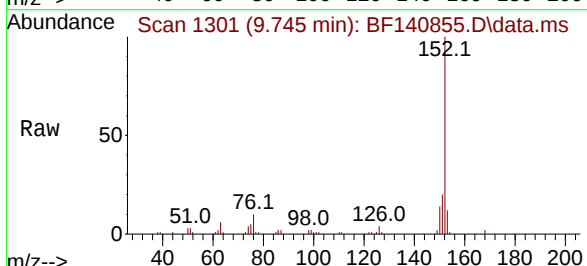
Tgt Ion: 152 Resp: 37405

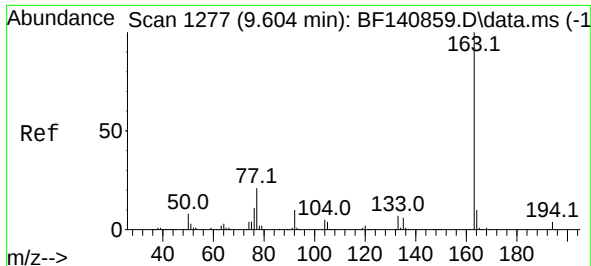
Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 12.5 10.6 16.0





#50

Dimethylphthalate

Concen: 2.541 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

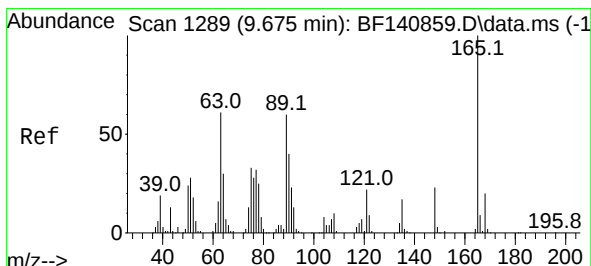
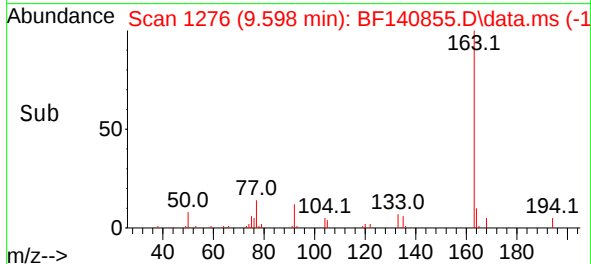
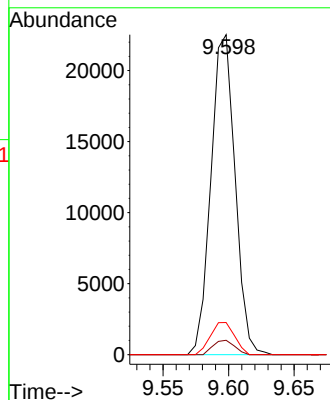
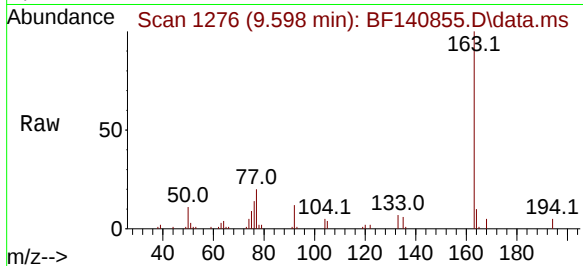
Tgt Ion:163 Resp: 28854

Ion Ratio Lower Upper

163 100

194 4.5 3.1 4.7

164 10.0 8.1 12.1



#51

2,6-Dinitrotoluene

Concen: 2.264 ng

RT: 9.669 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

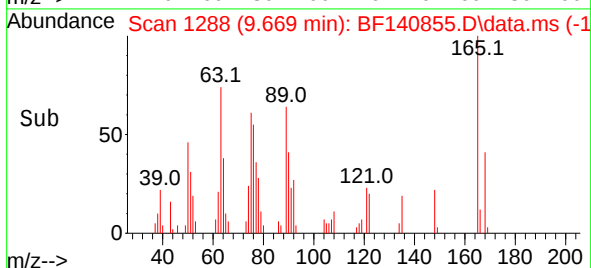
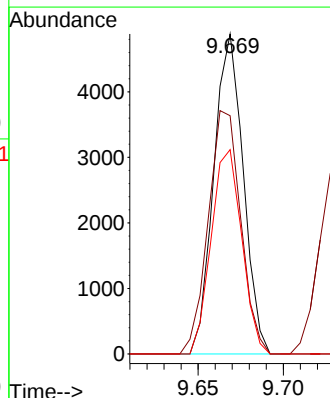
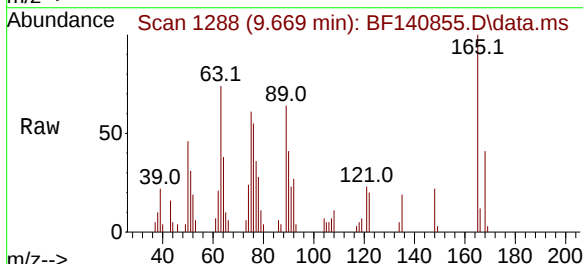
Tgt Ion:165 Resp: 5877

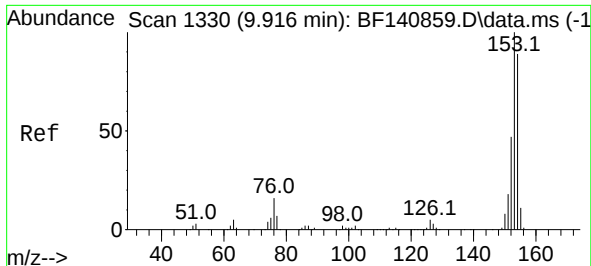
Ion Ratio Lower Upper

165 100

63 74.5 49.7 74.5

89 63.9 48.2 72.4





#52

Acenaphthene

Concen: 2.588 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

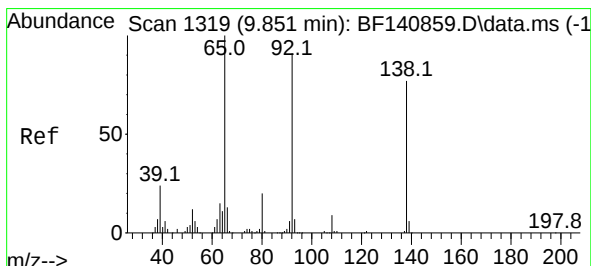
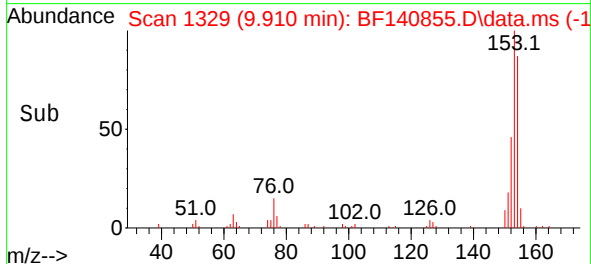
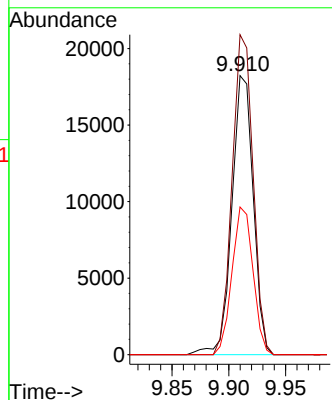
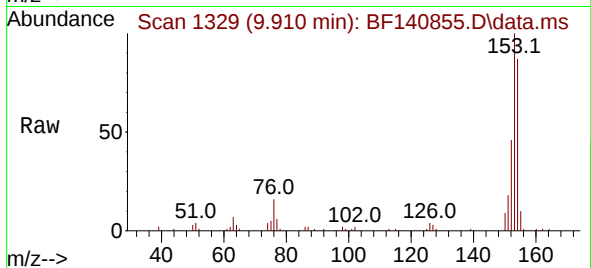
Tgt Ion:154 Resp: 23804

Ion Ratio Lower Upper

154 100

153 114.7 89.9 134.9

152 52.9 42.6 63.8



#53

3-Nitroaniline

Concen: 2.248 ng

RT: 9.851 min Scan# 1319

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

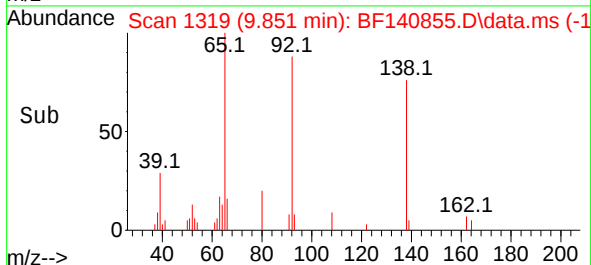
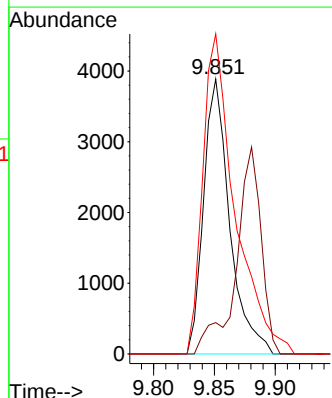
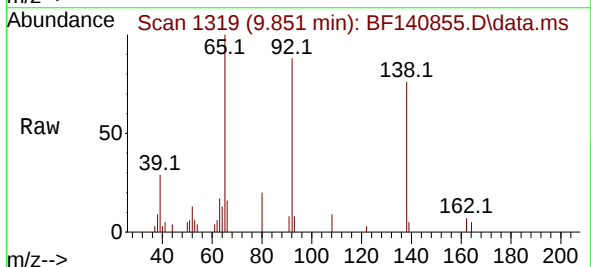
Tgt Ion:138 Resp: 5791

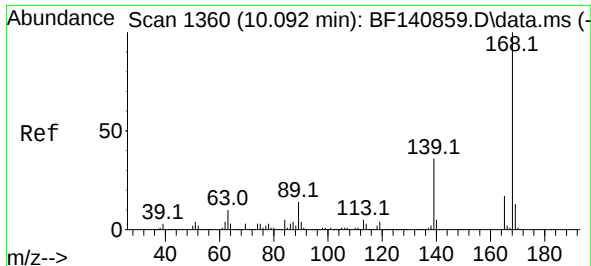
Ion Ratio Lower Upper

138 100

108 11.4 9.0 13.4

92 116.4 95.5 143.3





#55

Dibenzenofuran

Concen: 2.625 ng

RT: 10.086 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

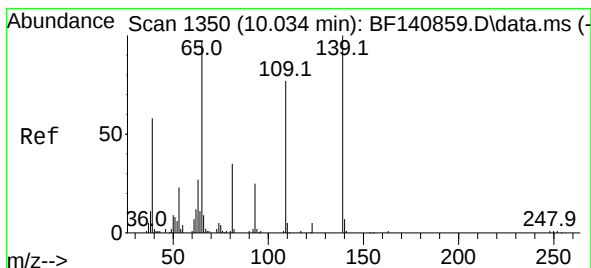
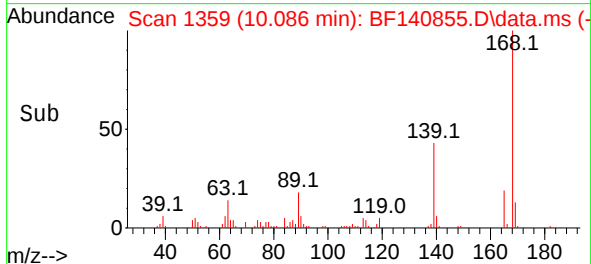
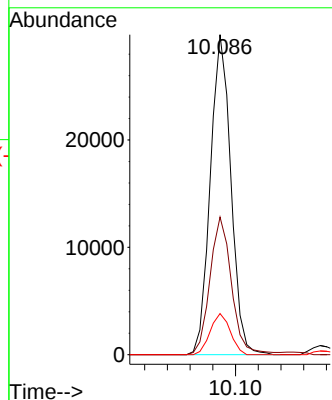
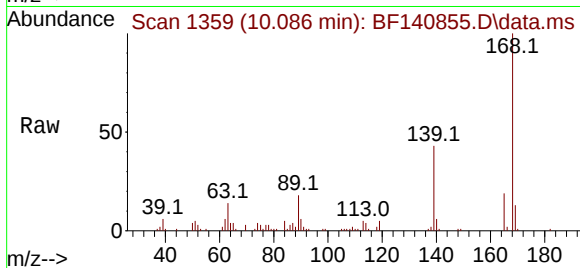
Tgt Ion:168 Resp: 37408

Ion Ratio Lower Upper

168 100

139 43.0 31.1 46.7

169 12.9 10.6 16.0



#56

4-Nitrophenol

Concen: 15.997 ng

RT: 10.086 min Scan# 1359

Delta R.T. 0.052 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

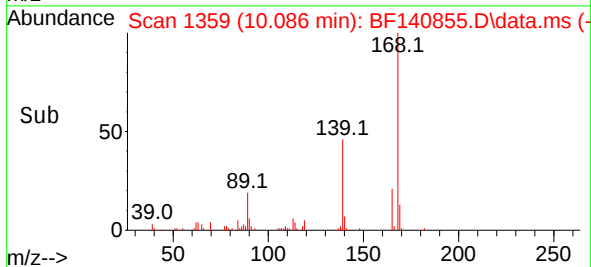
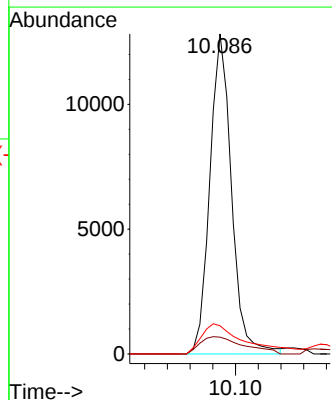
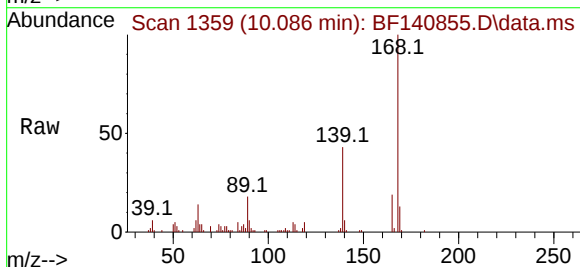
Tgt Ion:139 Resp: 16952

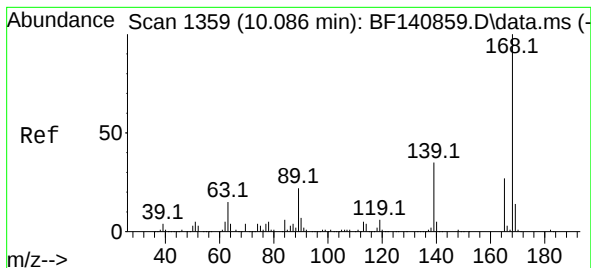
Ion Ratio Lower Upper

139 100

109 5.2 56.7 96.7#

65 8.8 78.1 118.1#

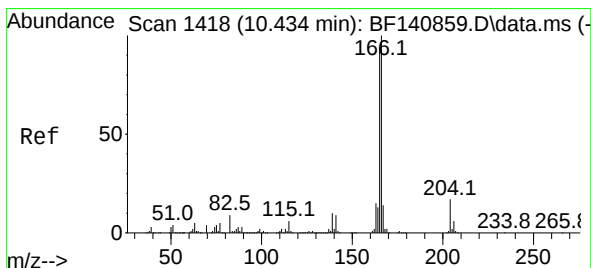
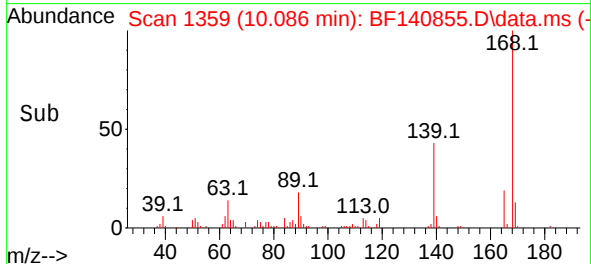
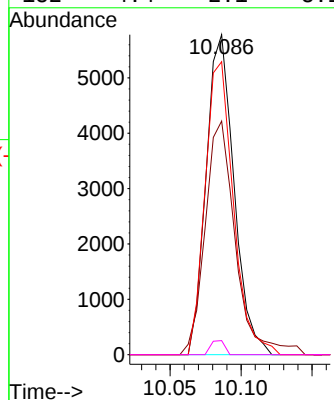
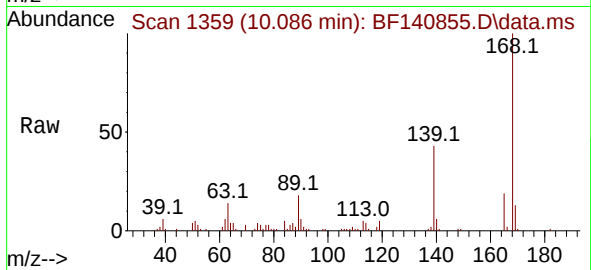




#57
2,4-Dinitrotoluene
Concen: 2.311 ng
RT: 10.086 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

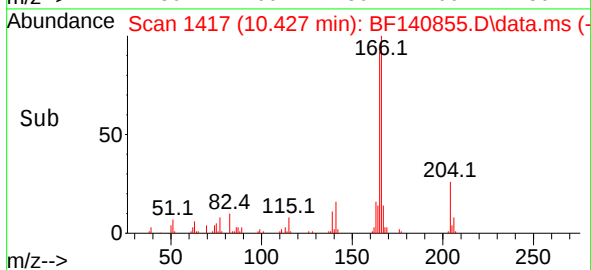
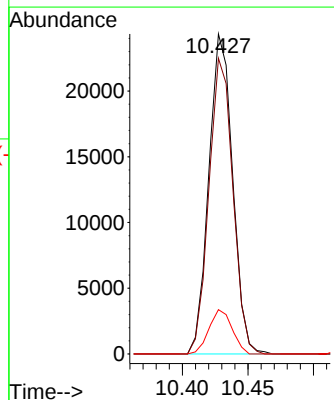
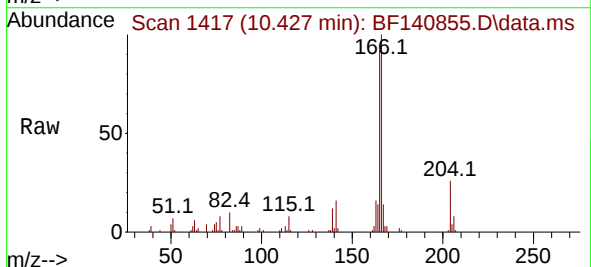
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

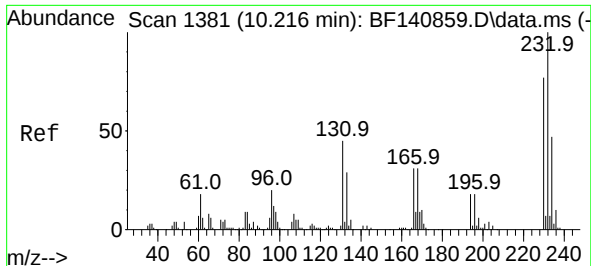
Tgt Ion:165 Resp: 7893
Ion Ratio Lower Upper
165 100
63 73.0 49.3 73.9
89 91.6 66.2 99.4
182 4.4 2.1 3.1#



#58
Fluorene
Concen: 2.614 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:166 Resp: 30732
Ion Ratio Lower Upper
166 100
165 92.4 75.1 112.7
167 13.8 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.311 ng

RT: 10.222 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion:232 Resp: 6273

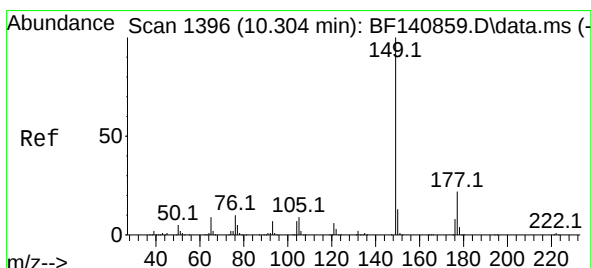
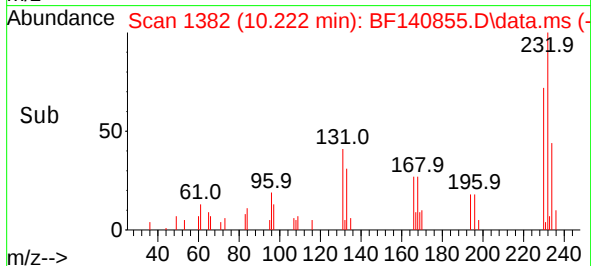
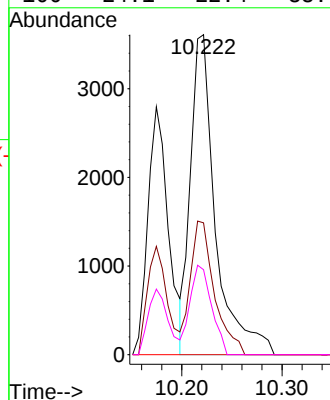
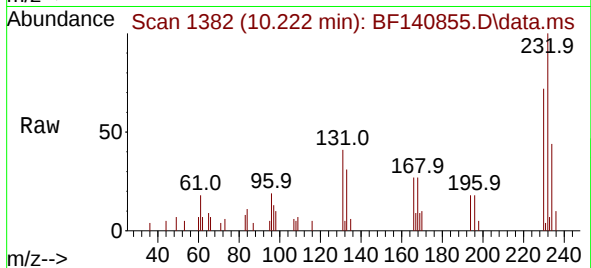
Ion Ratio Lower Upper

232 100

131 40.1 35.1 52.7

130 0.0 1.8 2.8#

166 24.1 22.4 33.6



#60

Diethylphthalate

Concen: 2.506 ng

RT: 10.292 min Scan# 1394

Delta R.T. -0.012 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

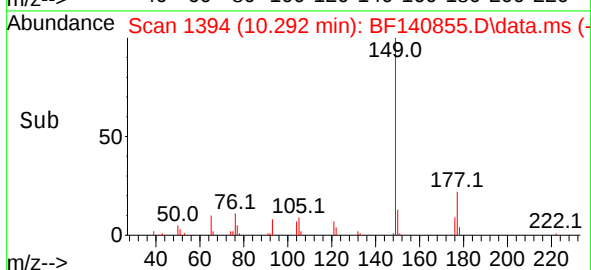
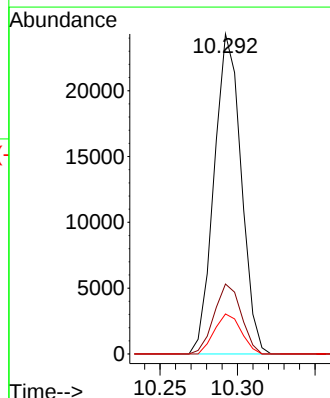
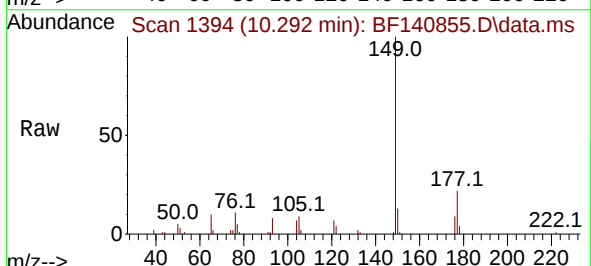
Tgt Ion:149 Resp: 29504

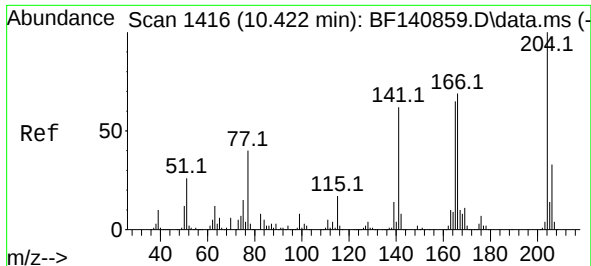
Ion Ratio Lower Upper

149 100

177 21.8 17.2 25.8

150 12.5 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 2.494 ng

RT: 10.416 min Scan# 1415

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

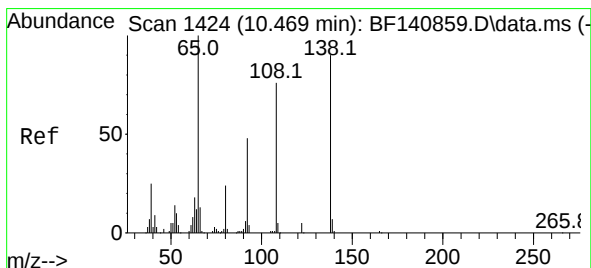
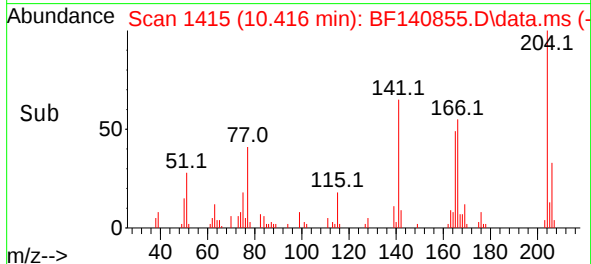
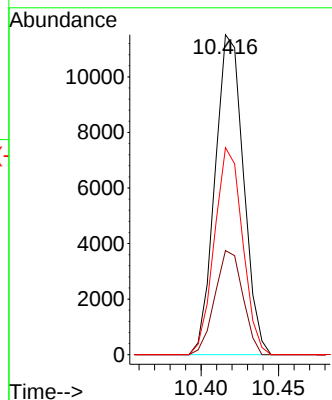
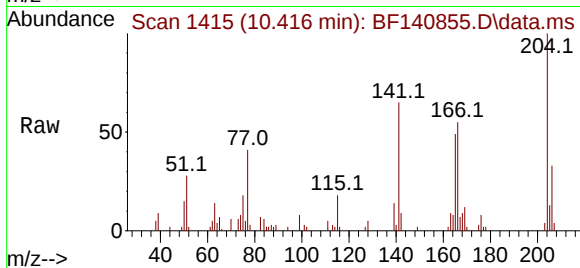
Tgt Ion:204 Resp: 14730

Ion Ratio Lower Upper

204 100

206 32.5 26.5 39.7

141 64.7 50.0 75.0



#62

4-Nitroaniline

Concen: 1.718 ng

RT: 10.463 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

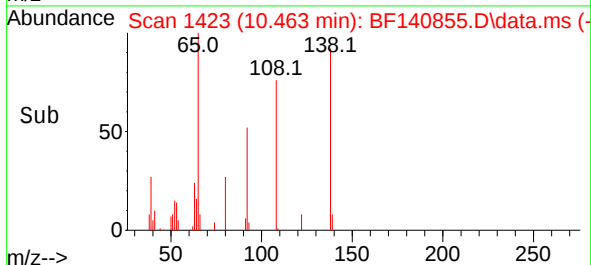
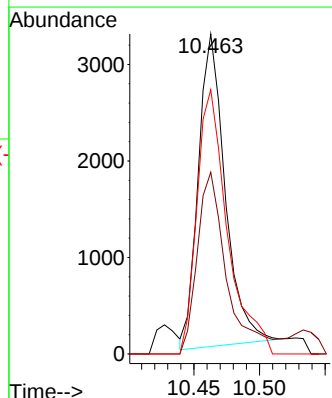
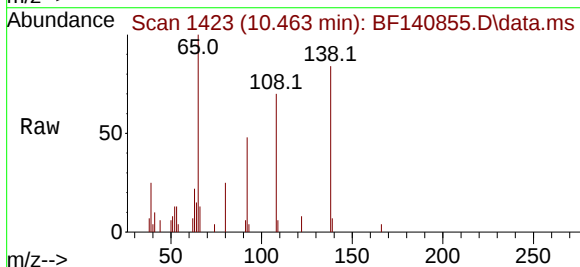
Tgt Ion:138 Resp: 4624

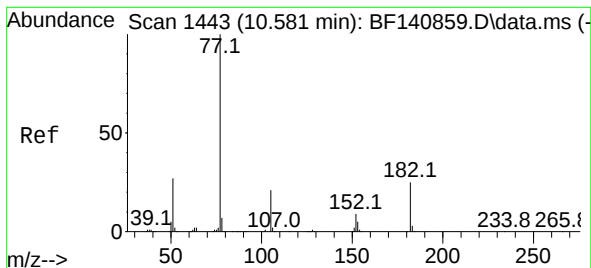
Ion Ratio Lower Upper

138 100

92 56.8 32.6 72.6

108 82.6 64.1 104.1





#63

Azobenzene

Concen: 2.485 ng

RT: 10.580 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

Tgt Ion: 77 Resp: 27503

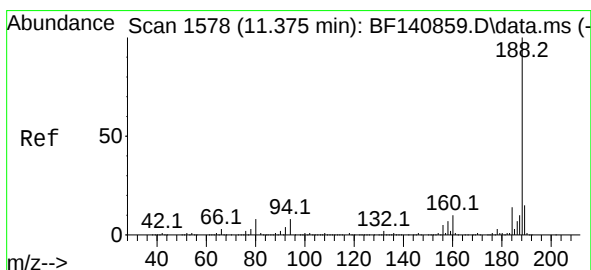
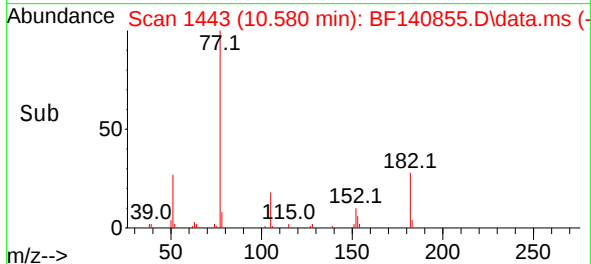
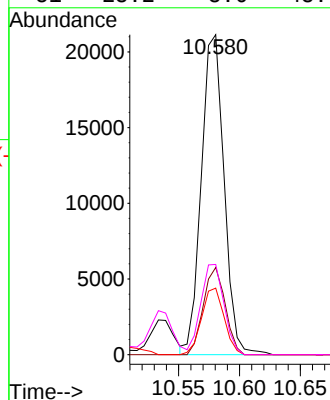
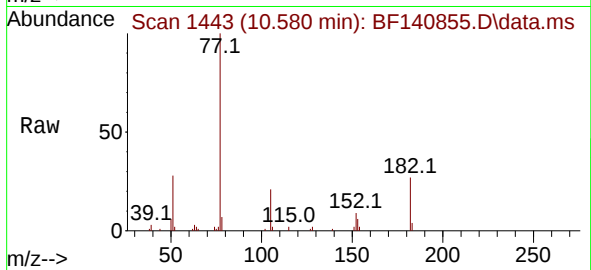
Ion Ratio Lower Upper

77 100

182 27.2 4.5 44.5

105 20.8 0.9 40.9

51 28.2 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

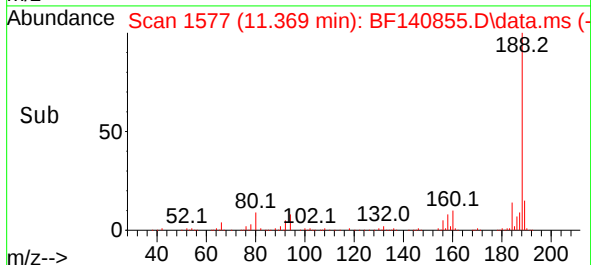
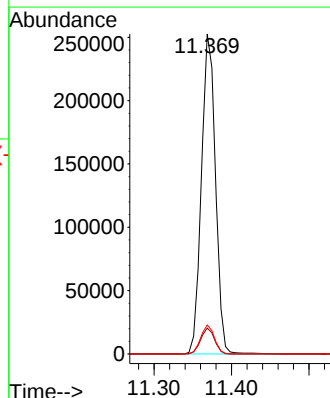
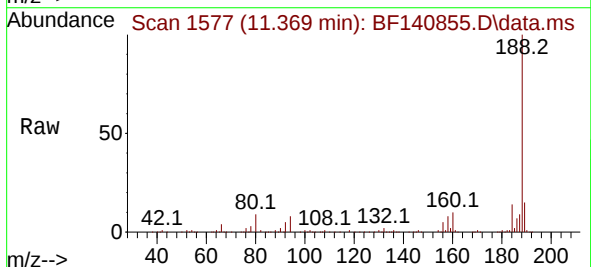
Tgt Ion: 188 Resp: 317916

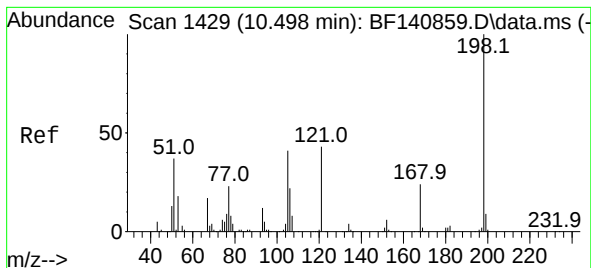
Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.0 6.8 10.2

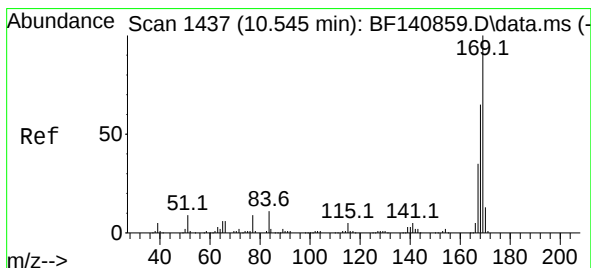
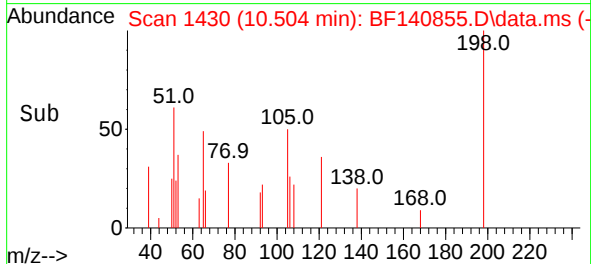
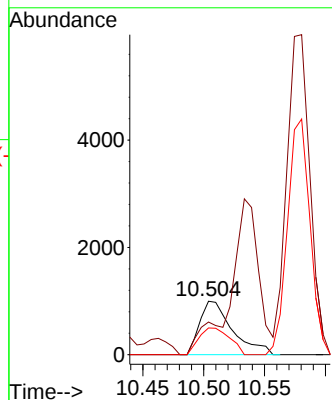
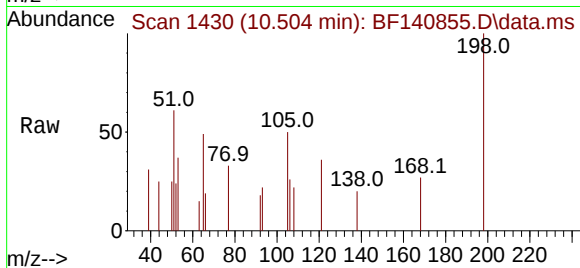




#65
4,6-Dinitro-2-methylphenol
Concen: 1.042 ng
RT: 10.504 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

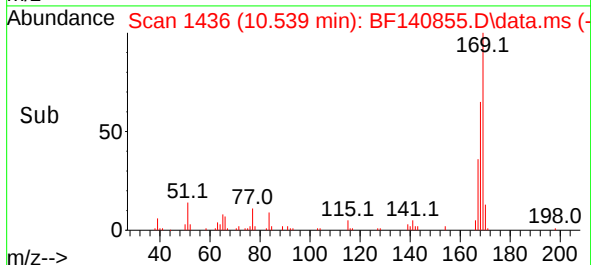
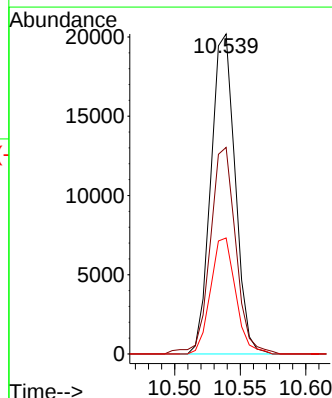
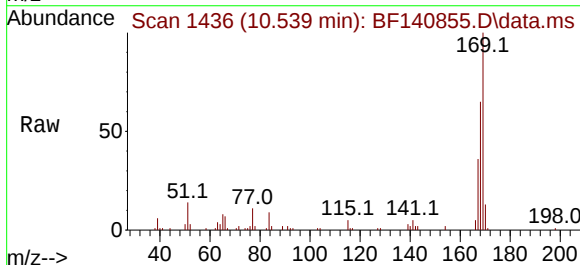
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

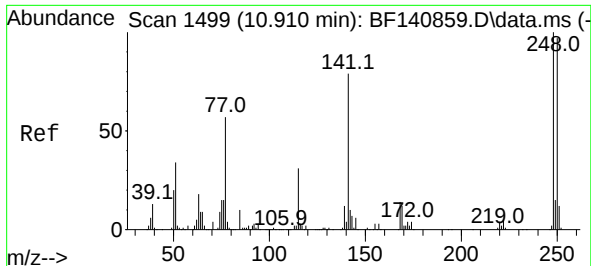
Tgt Ion:198 Resp: 1877
Ion Ratio Lower Upper
198 100
51 61.0 24.4 64.4
105 50.0 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 2.656 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:169 Resp: 25965
Ion Ratio Lower Upper
169 100
168 64.5 53.4 80.0
167 36.2 28.3 42.5

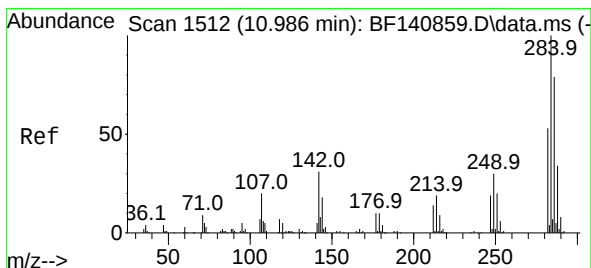
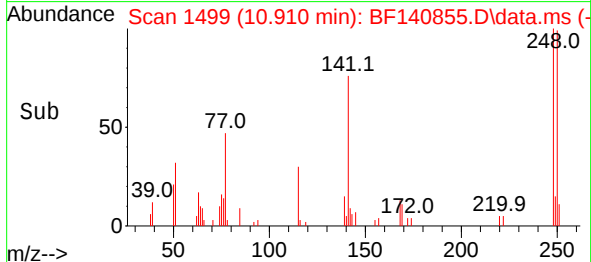
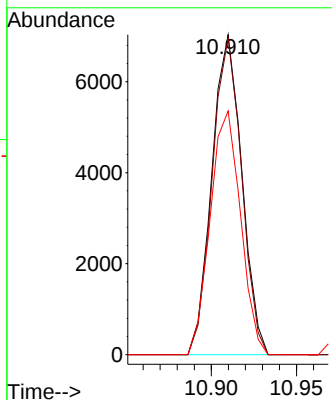
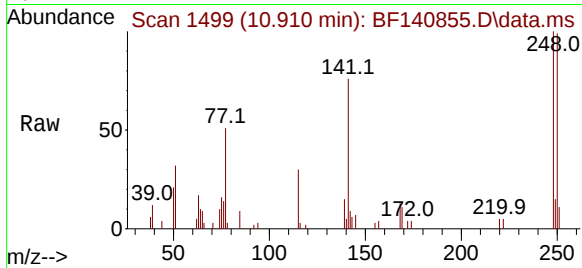




#67
4-Bromophenyl-phenylether
Concen: 2.422 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

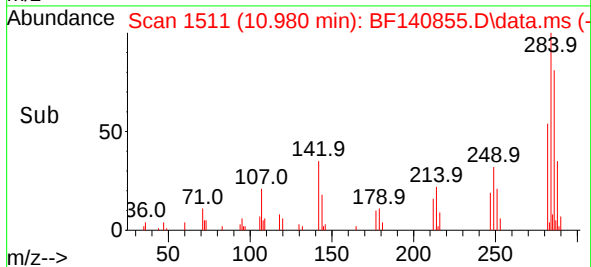
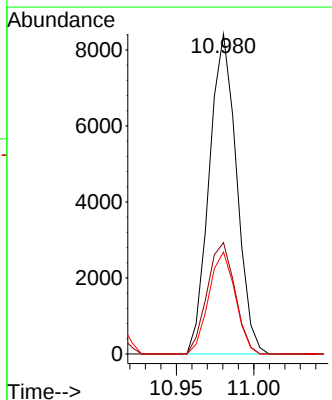
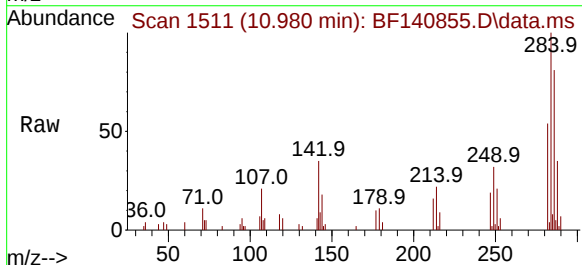
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

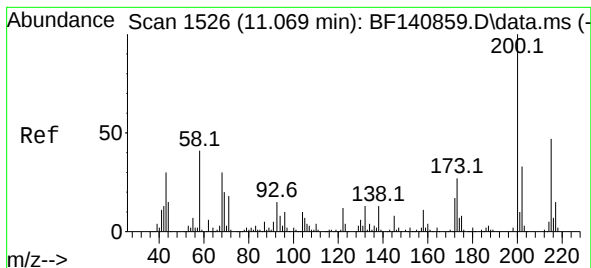
Tgt Ion:248 Resp: 8614
Ion Ratio Lower Upper
248 100
250 99.0 77.4 116.2
141 76.2 62.9 94.3



#68
Hexachlorobenzene
Concen: 2.559 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:284 Resp: 10319
Ion Ratio Lower Upper
284 100
142 34.8 24.6 36.8
249 31.8 24.3 36.5





#69

Atrazine

Concen: 2.643 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

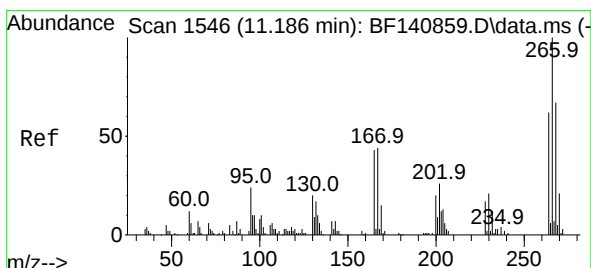
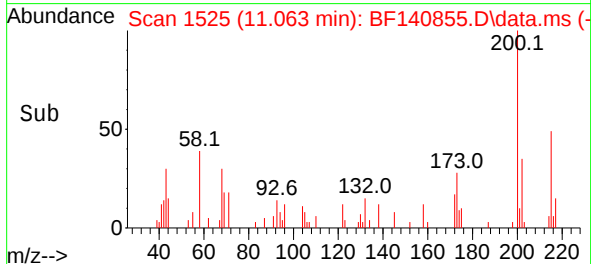
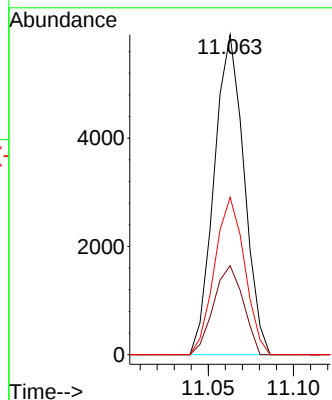
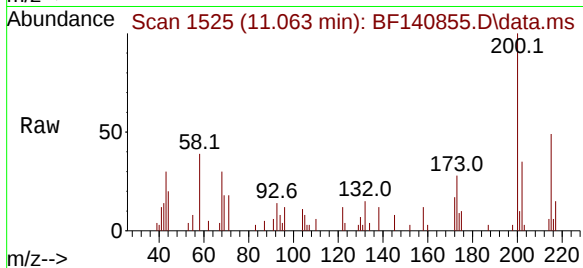
Tgt Ion:200 Resp: 7215

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

215 49.2 26.7 66.7



#70

Pentachlorophenol

Concen: 0.414 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

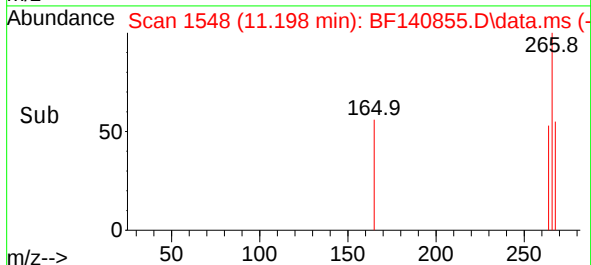
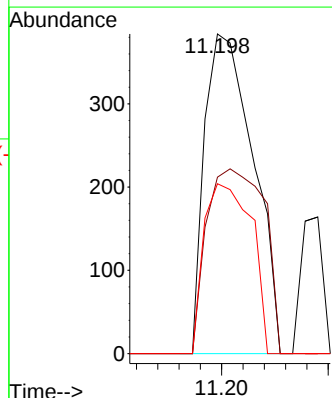
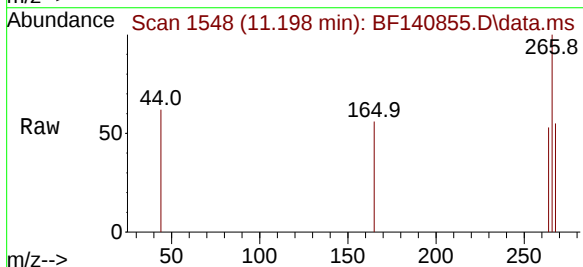
Tgt Ion:266 Resp: 610

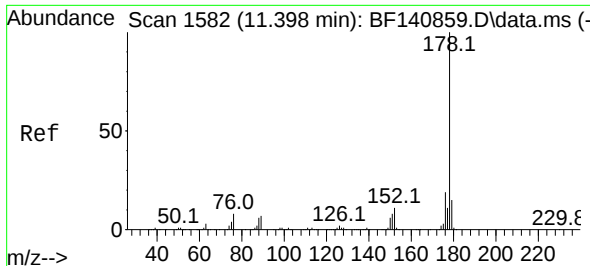
Ion Ratio Lower Upper

266 100

268 55.2 54.0 81.0

264 53.1 49.4 74.2

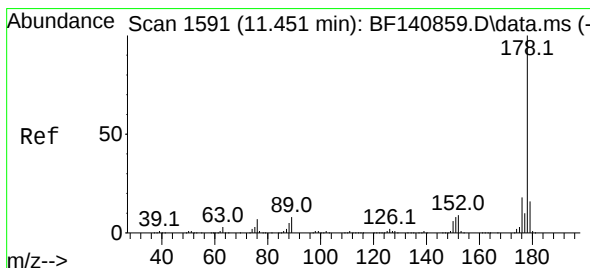
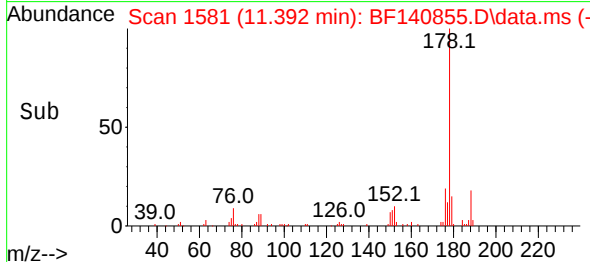
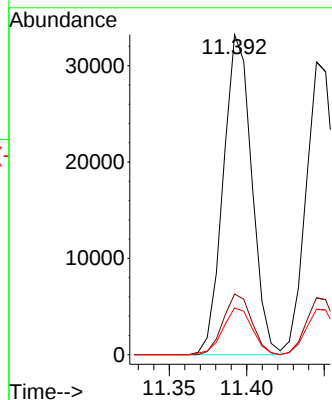
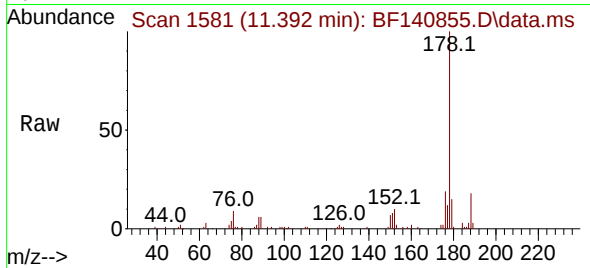




#71
Phenanthrene
Concen: 2.595 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

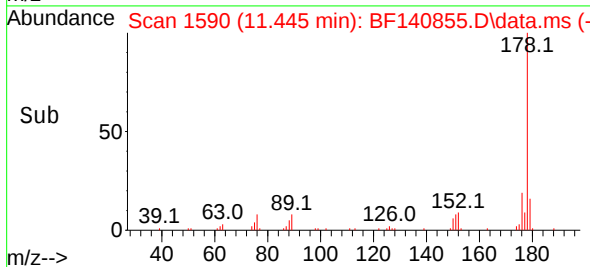
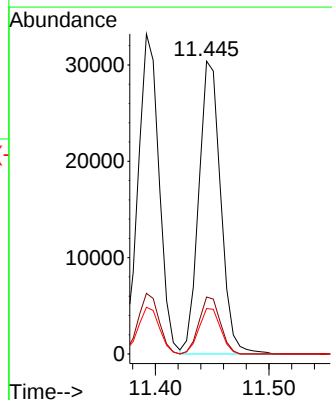
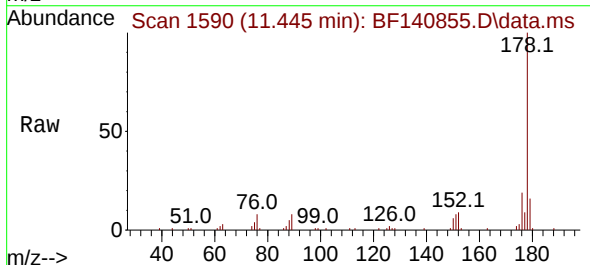
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

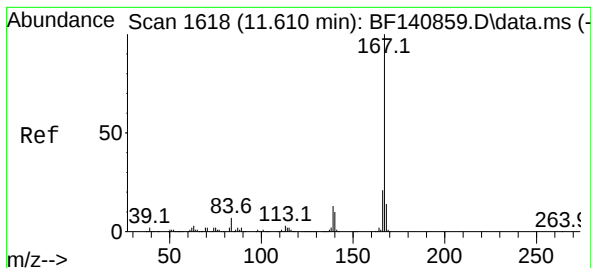
Tgt Ion:178 Resp: 42419
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 14.6 12.1 18.1



#72
Anthracene
Concen: 2.531 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:178 Resp: 40748
Ion Ratio Lower Upper
178 100
176 19.5 14.6 22.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 2.506 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

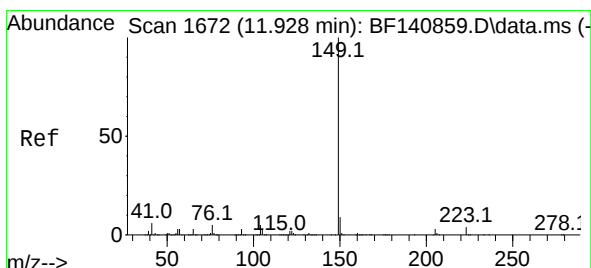
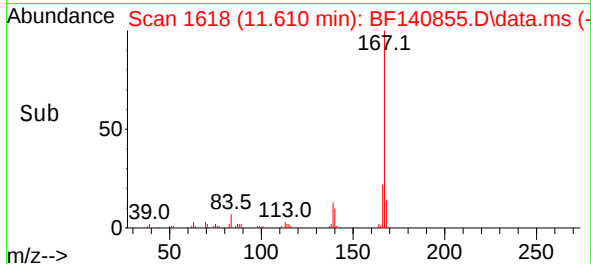
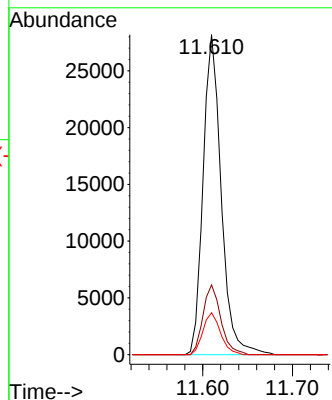
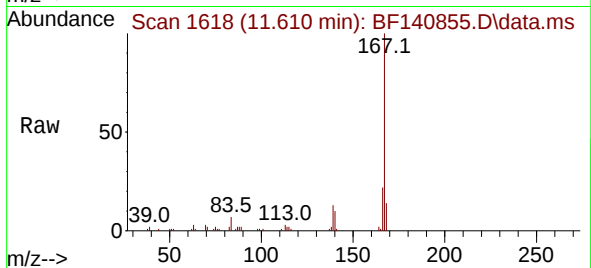
Tgt Ion:167 Resp: 39512

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.6

139 13.1 10.2 15.2



#74

Di-n-butylphthalate

Concen: 2.435 ng

RT: 11.922 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

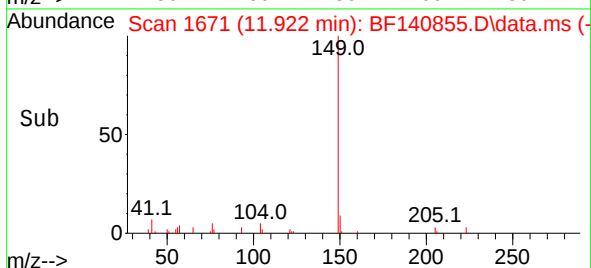
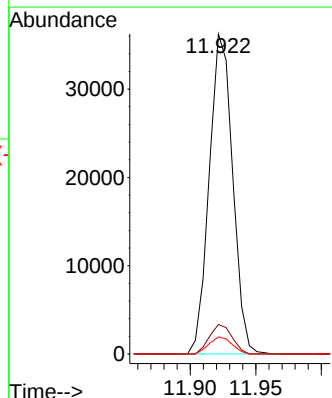
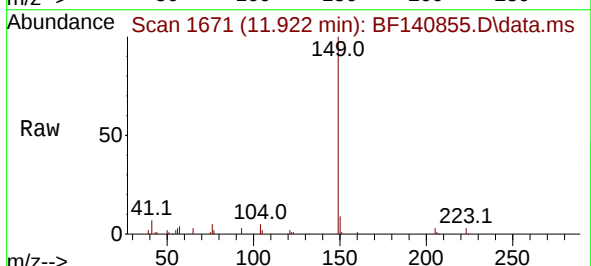
Tgt Ion:149 Resp: 45060

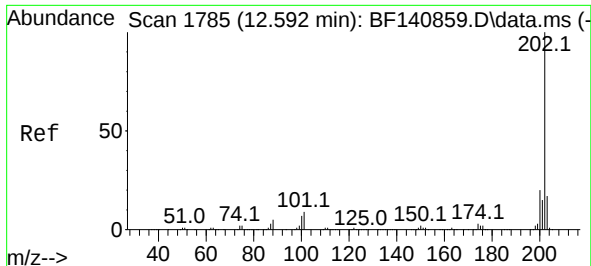
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 5.3 3.8 5.8

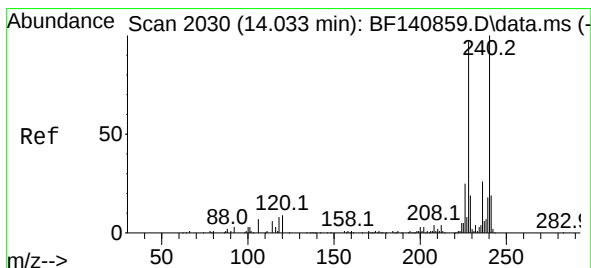
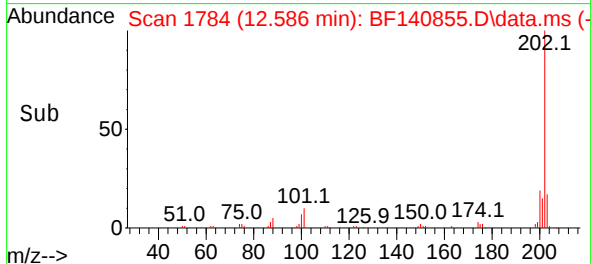
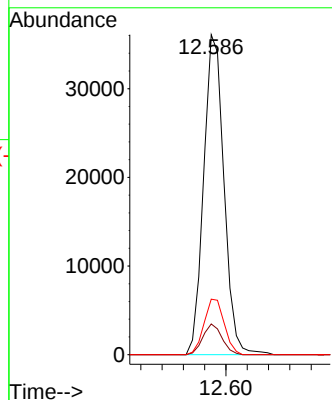
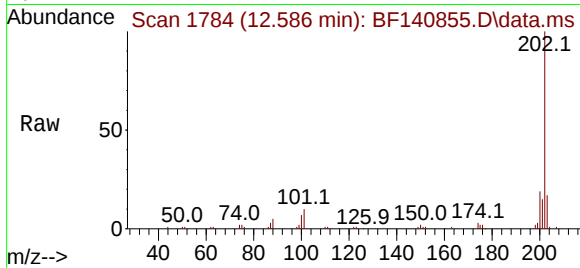




#75
Fluoranthene
Concen: 2.547 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

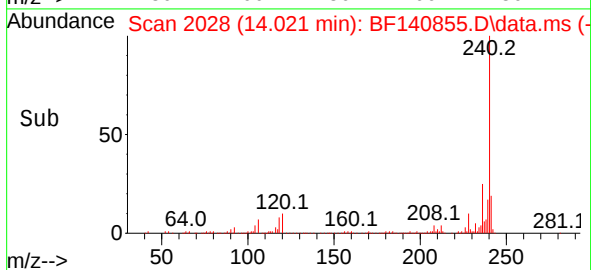
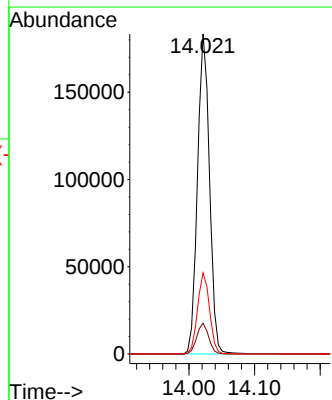
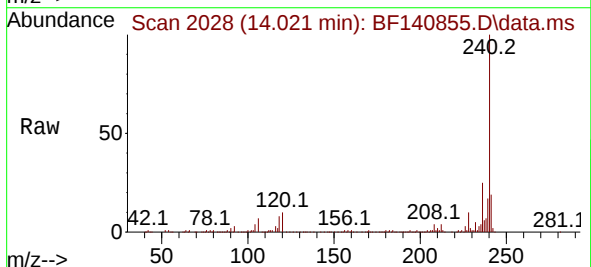
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

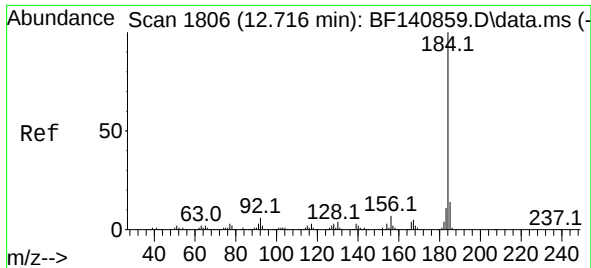
Tgt Ion:202 Resp: 47947
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:240 Resp: 234189
Ion Ratio Lower Upper
240 100
120 9.6 7.6 11.4
236 25.4 20.5 30.7

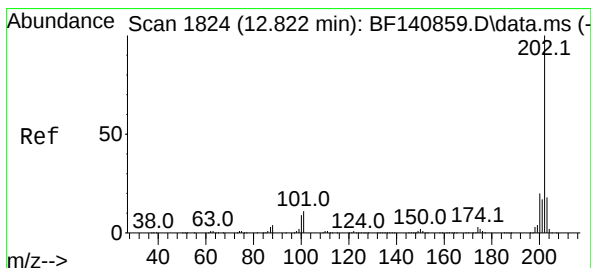
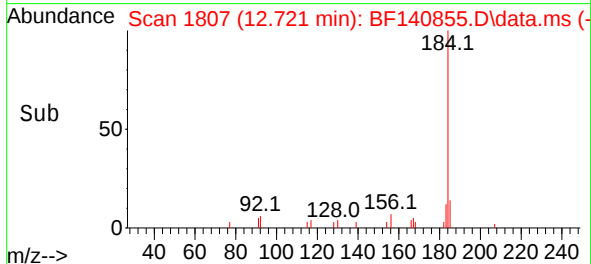
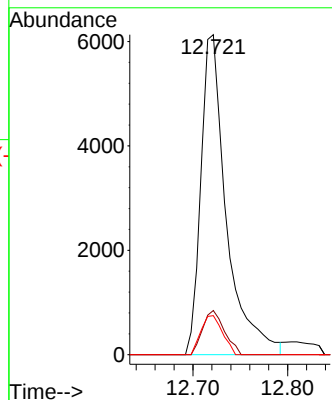
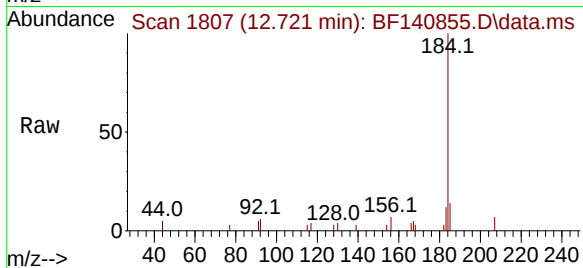




#77
Benzidine
Concen: 2.411 ng
RT: 12.721 min Scan# 1807
Delta R.T. 0.005 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

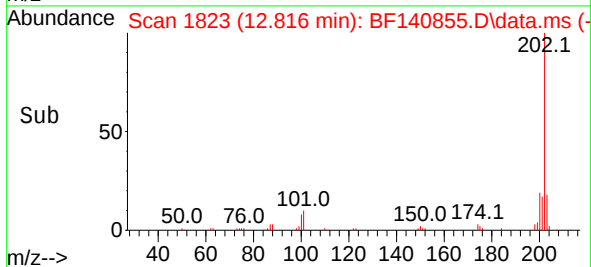
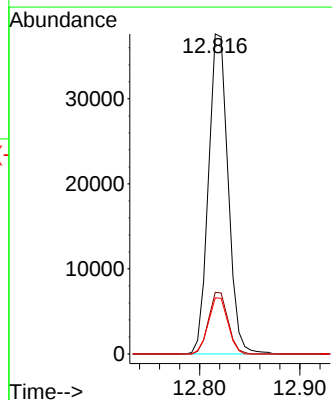
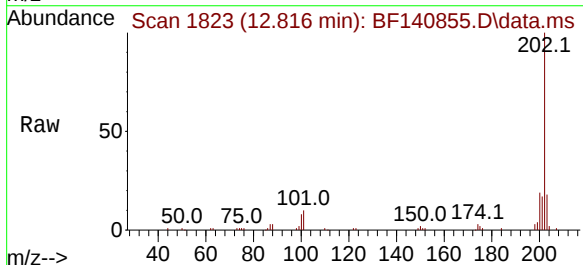
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

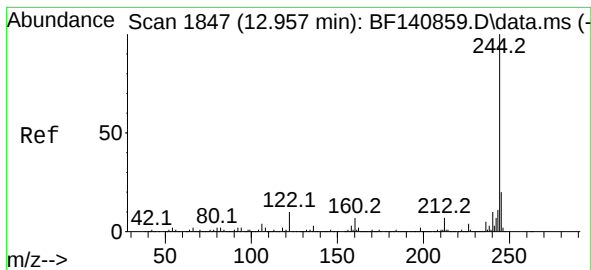
Tgt Ion:184 Resp: 11522
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 12.2 9.0 13.4



#78
Pyrene
Concen: 2.461 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:202 Resp: 51257
Ion Ratio Lower Upper
202 100
200 19.2 16.1 24.1
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 5.166 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

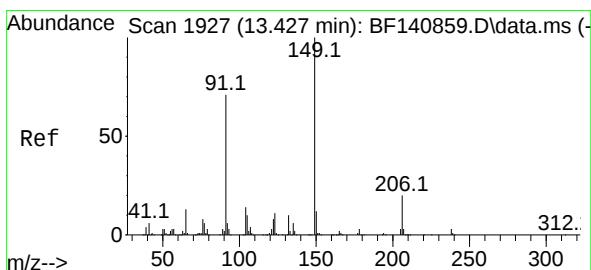
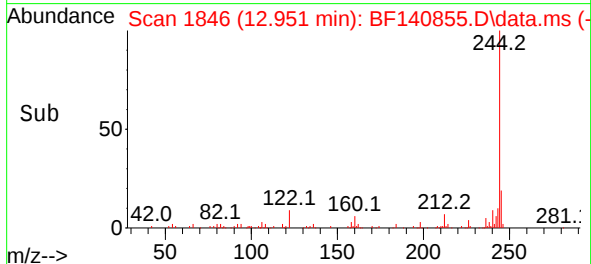
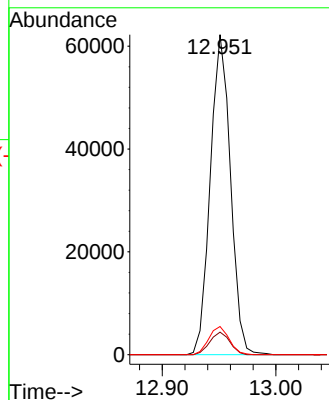
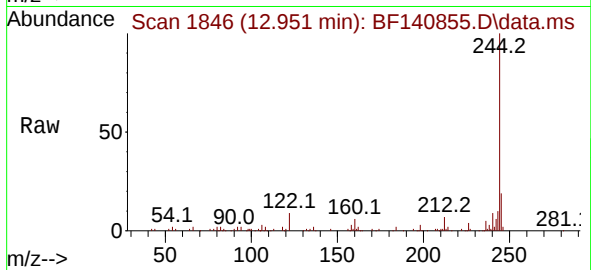
Tgt Ion:244 Resp: 76726

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 8.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 2.126 ng

RT: 13.427 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

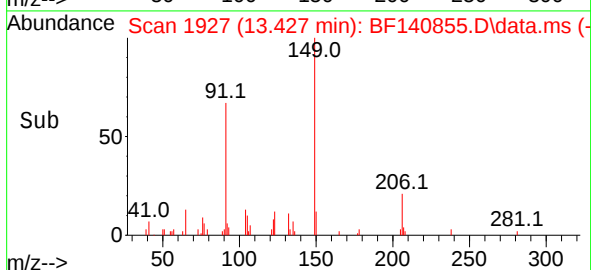
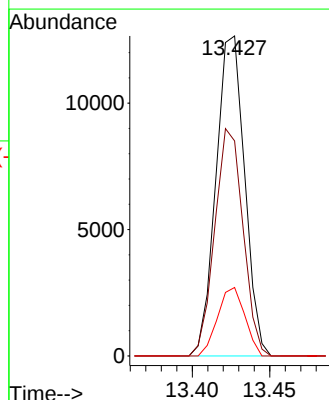
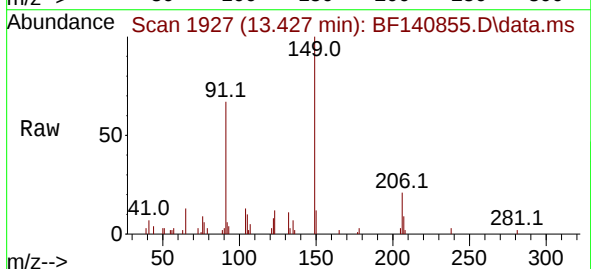
Tgt Ion:149 Resp: 16291

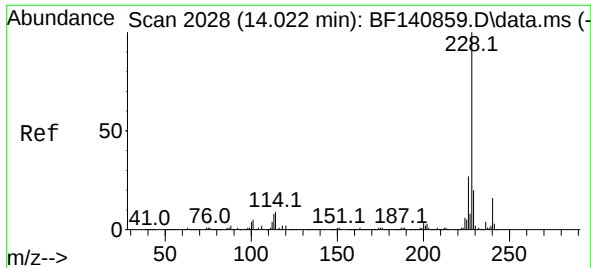
Ion Ratio Lower Upper

149 100

91 67.2 56.7 85.1

206 21.4 16.4 24.6

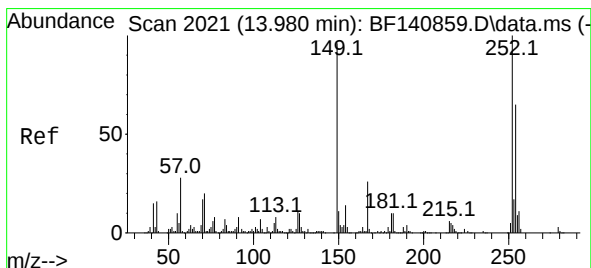
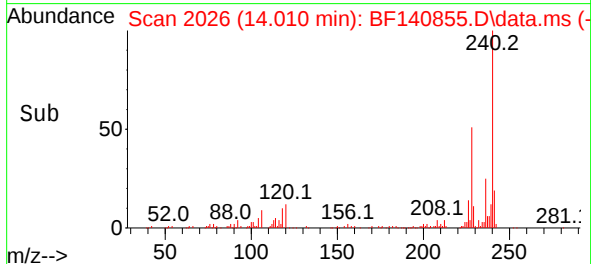
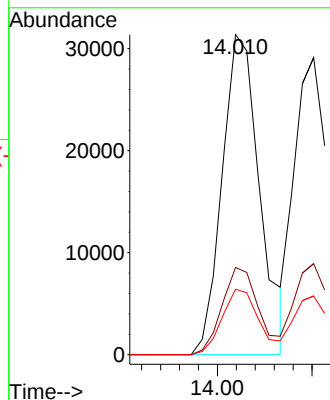
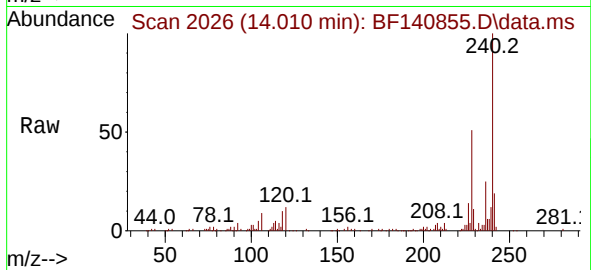




#81
Benzo(a)anthracene
Concen: 2.601 ng
RT: 14.010 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

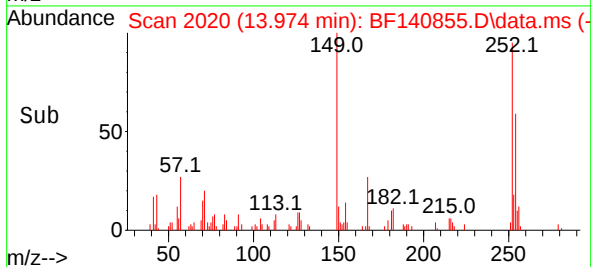
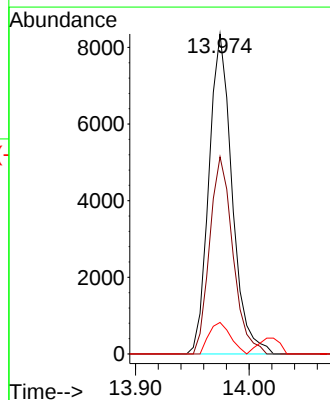
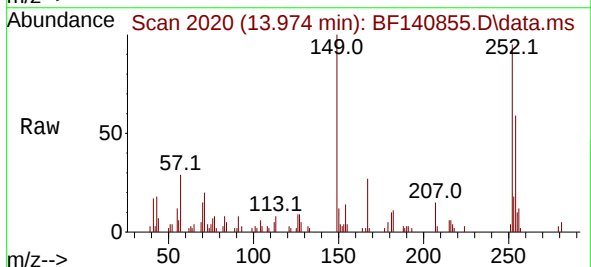
Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

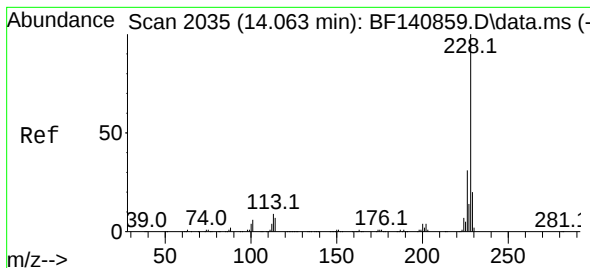
Tgt Ion:228 Resp: 43179
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 20.5 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 2.366 ng
RT: 13.974 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:252 Resp: 11846
Ion Ratio Lower Upper
252 100
254 61.6 52.3 78.5
126 9.9 8.4 12.6





#83

Chrysene

Concen: 2.476 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

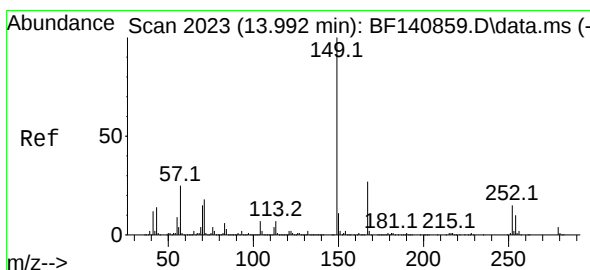
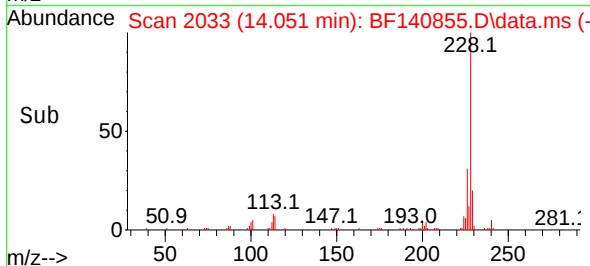
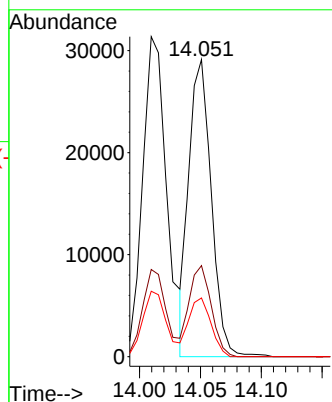
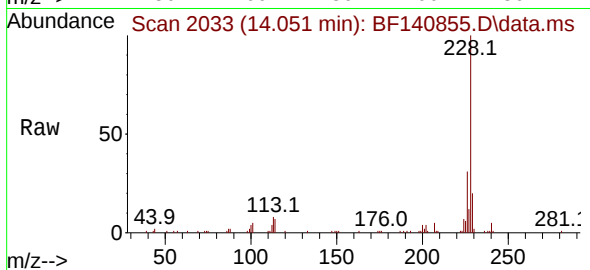
Tgt Ion:228 Resp: 37363

Ion Ratio Lower Upper

228 100

226 30.7 24.1 36.1

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.175 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

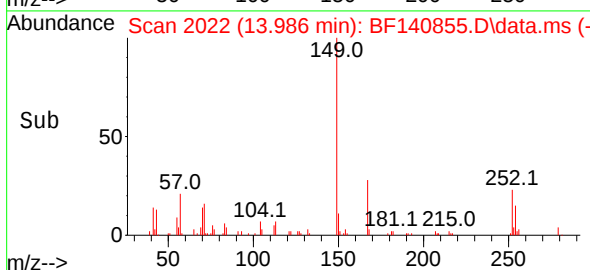
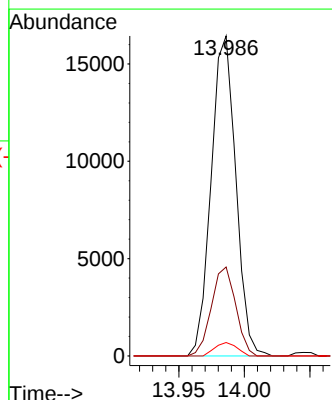
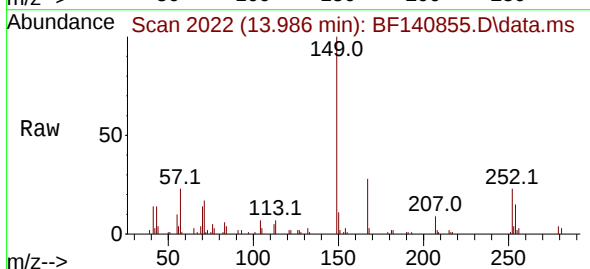
Tgt Ion:149 Resp: 21488

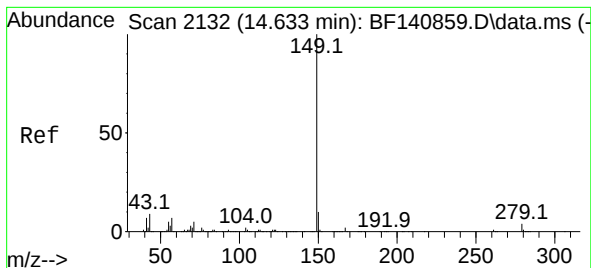
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 2.139 ng

RT: 14.615 min Scan# 2132

Delta R.T. -0.018 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

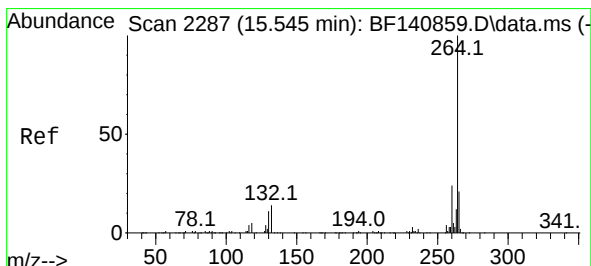
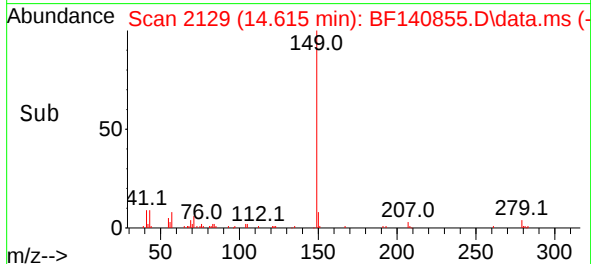
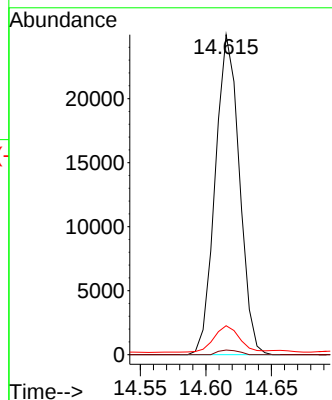
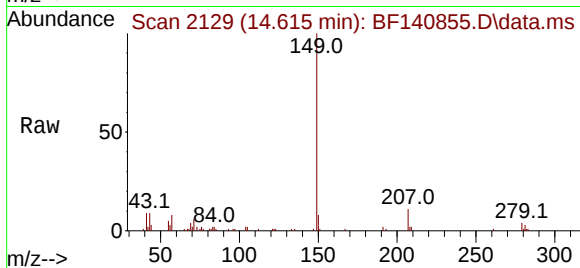
Tgt Ion:149 Resp: 31976

Ion Ratio Lower Upper

149 100

167 1.2 1.3 1.9#

43 8.6 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.024 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

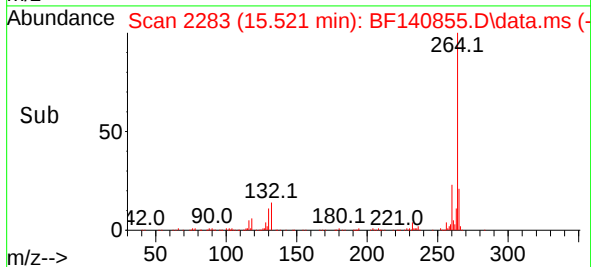
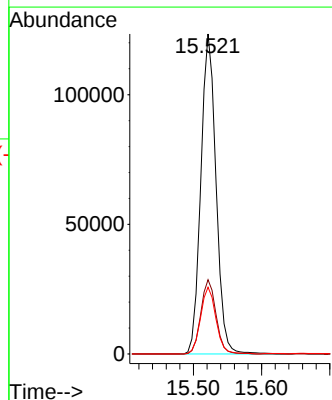
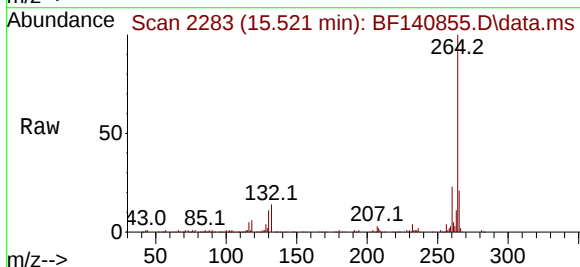
Tgt Ion:264 Resp: 191083

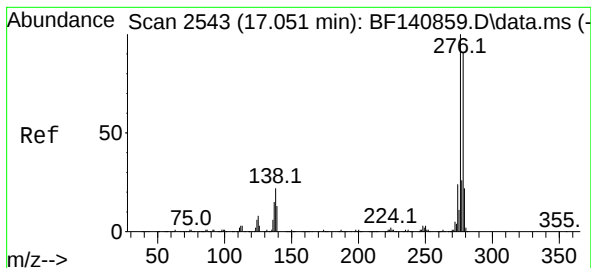
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.134 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

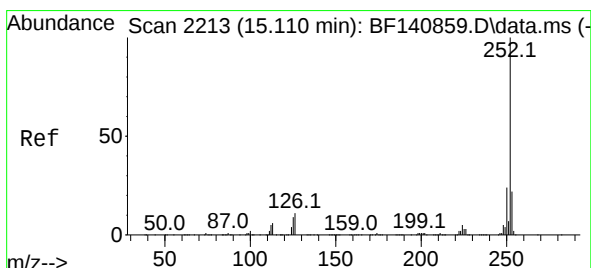
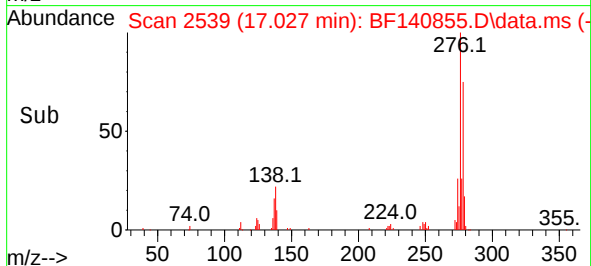
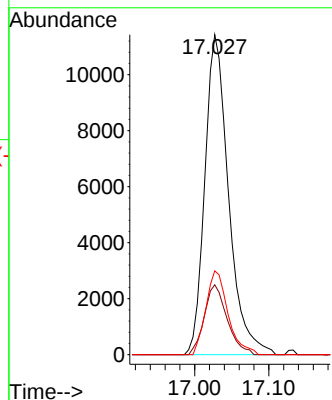
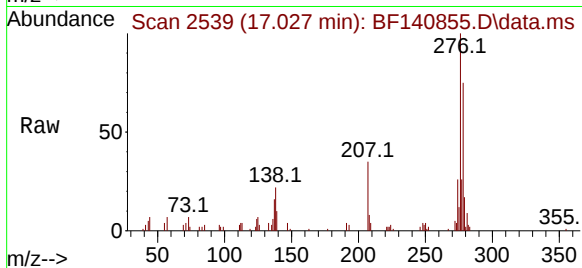
Tgt Ion:276 Resp: 25441

Ion Ratio Lower Upper

276 100

138 21.0 16.9 25.3

277 24.4 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 2.570 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.024 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

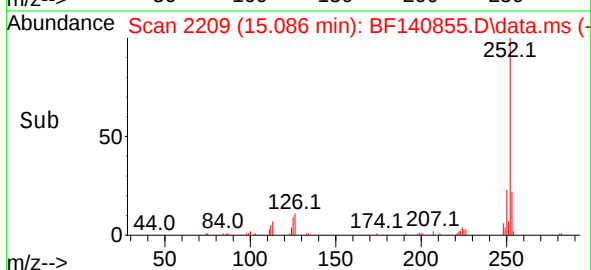
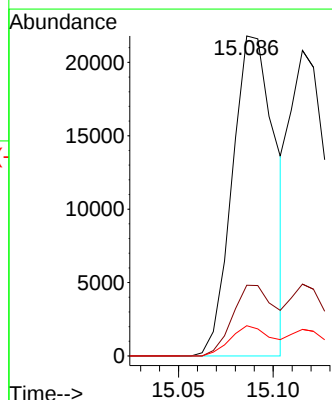
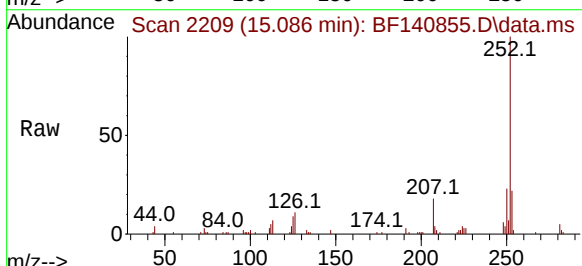
Tgt Ion:252 Resp: 34089

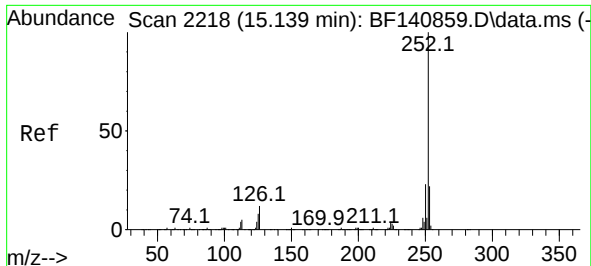
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.4 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 2.604 ng

RT: 15.115 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

Instrument :

BNA_F

ClientSampleId :

SSTDICC2.5

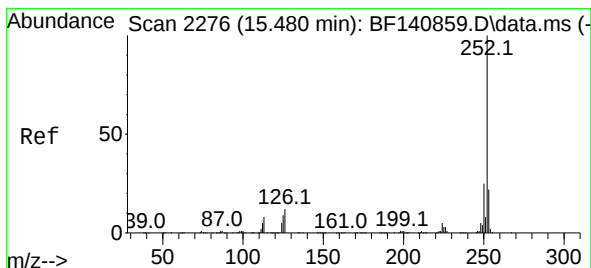
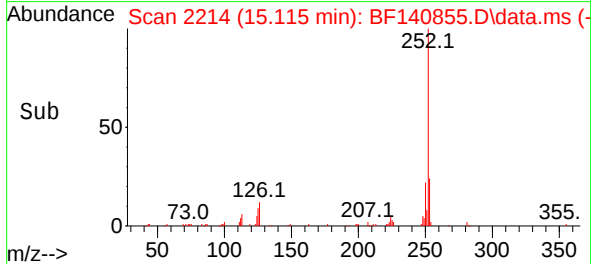
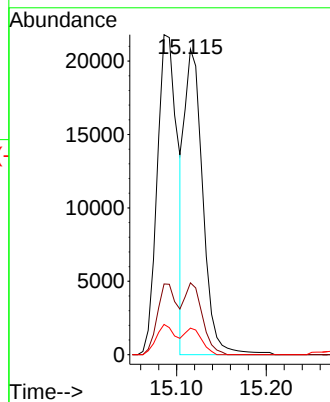
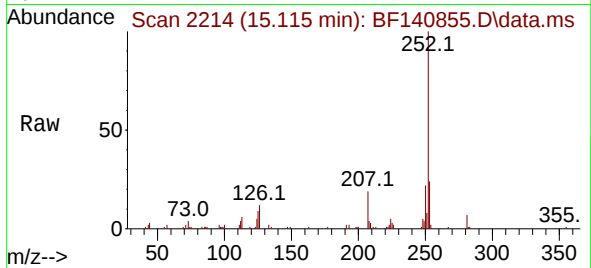
Tgt Ion:252 Resp: 29623

Ion Ratio Lower Upper

252 100

253 23.5 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 2.477 ng

RT: 15.462 min Scan# 2273

Delta R.T. -0.018 min

Lab File: BF140855.D

Acq: 16 Dec 2024 12:13

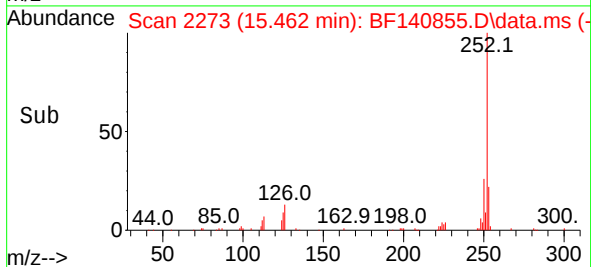
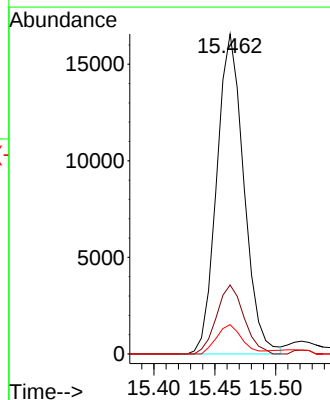
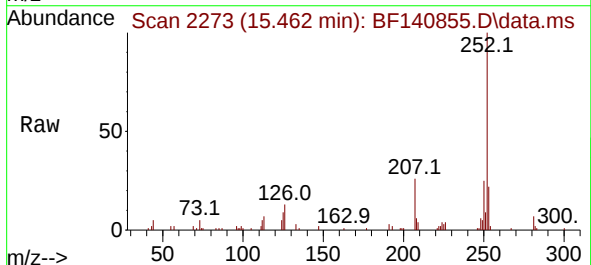
Tgt Ion:252 Resp: 25722

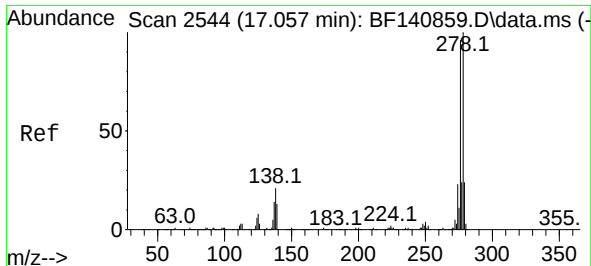
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.1 7.5 11.3

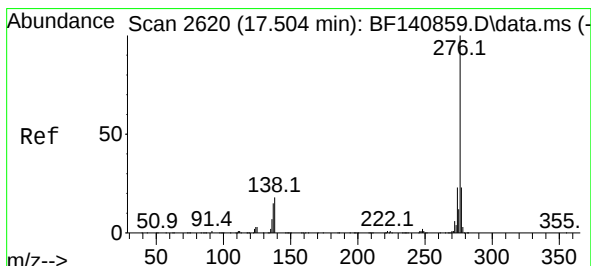
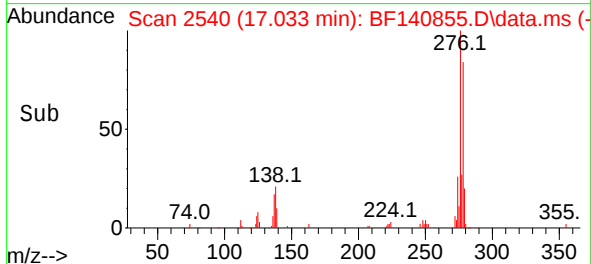
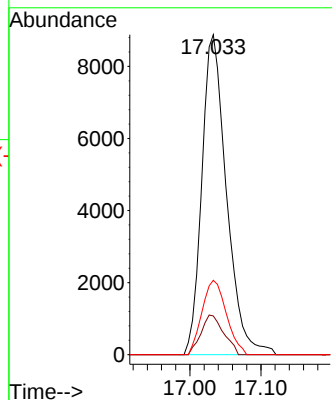
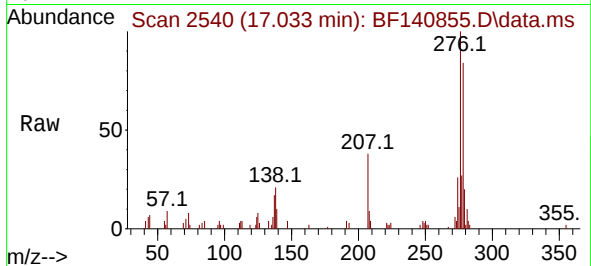




#91
Dibenzo(a,h)anthracene
Concen: 2.171 ng
RT: 17.033 min Scan# 21445
Delta R.T. -0.024 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tgt Ion:278 Resp: 21445
Ion Ratio Lower Upper
278 100
139 12.1 10.6 16.0
279 23.3 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 2.127 ng
RT: 17.486 min Scan# 2617
Delta R.T. -0.018 min
Lab File: BF140855.D
Acq: 16 Dec 2024 12:13

Tgt Ion:276 Resp: 21384
Ion Ratio Lower Upper
276 100
277 26.0 18.7 28.1
138 17.1 14.2 21.2

