

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140859.D
 Acq On : 16 Dec 2024 14:26
 Operator : RC/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Quant Time: Dec 16 16:49:21 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	6.851	152	77674	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	293537	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	179301	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	361848	20.000	ng	0.00
76) Chrysene-d12	14.033	240	241027	20.000	ng	0.00
86) Perylene-d12	15.545	264	202727	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	372670	78.982	ng	0.00
7) Phenol-d6	6.498	99	486855	77.902	ng	0.00
23) Nitrobenzene-d5	7.416	82	461011	78.576	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	172188	81.197	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	981889	75.290	ng	0.00
79) Terphenyl-d14	12.957	244	1163098	76.093	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	78111	38.433	ng	100
3) Pyridine	3.405	79	189803	40.326	ng	100
4) n-Nitrosodimethylamine	3.357	42	93747	39.510	ng	100
6) Aniline	6.516	93	213440	39.944	ng	100
8) 2-Chlorophenol	6.646	128	202098	39.277	ng	100
9) Benzaldehyde	6.410	77	134222	38.761	ng	100
10) Phenol	6.510	94	253259	39.100	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	190608	39.459	ng	100
12) 1,3-Dichlorobenzene	6.787	146	228181	38.918	ng	100
13) 1,4-Dichlorobenzene	6.869	146	232493	39.065	ng	100
14) 1,2-Dichlorobenzene	7.022	146	223134	39.737	ng	100
15) Benzyl Alcohol	6.998	79	178597	39.968	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	223455	39.269	ng	100
17) 2-Methylphenol	7.116	107	161380	39.284	ng	100
18) Hexachloroethane	7.357	117	86395	38.994	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	143279	38.220	ng	100
20) 3+4-Methylphenols	7.269	107	210531	38.648	ng	100
22) Acetophenone	7.263	105	289650	39.446	ng	100
24) Nitrobenzene	7.434	77	235847	39.238	ng	100
25) Isophorone	7.675	82	381938	38.852	ng	100
26) 2-Nitrophenol	7.751	139	109806	39.666	ng	100
27) 2,4-Dimethylphenol	7.793	122	128970	39.892	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	244652	39.846	ng	100
29) 2,4-Dichlorophenol	7.998	162	175409	39.299	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	200471	39.180	ng	100
31) Naphthalene	8.151	128	626585	38.860	ng	100
32) Benzoic acid	7.940	122	124210	40.510	ng	100
33) 4-Chloroaniline	8.204	127	211976	39.582	ng	100
34) Hexachlorobutadiene	8.263	225	136482	39.646	ng	100
35) Caprolactam	8.587	113	53059	39.930	ng	100
36) 4-Chloro-3-methylphenol	8.698	107	198298	39.473	ng	100
37) 2-Methylnaphthalene	8.839	142	423369	39.693	ng	100
38) 1-Methylnaphthalene	8.939	142	414363	39.281	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	208141	37.768	ng	100
41) Hexachlorocyclopentadiene	8.987	237	50793	39.476	ng	100
43) 2,4,6-Trichlorophenol	9.128	196	130363	38.631	ng	100

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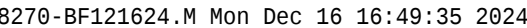
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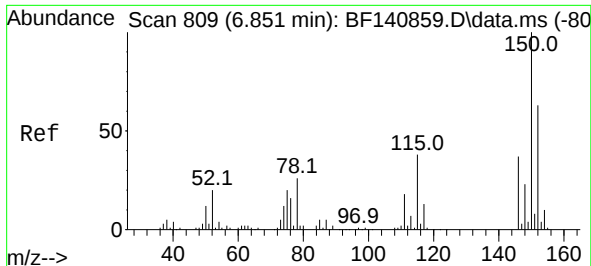
Quant Time: Dec 16 16:49:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	142411	38.395	ng	100
46) 1,1'-Biphenyl	9.304	154	542419	38.044	ng	100
47) 2-Chloronaphthalene	9.334	162	419357	38.447	ng	100
48) 2-Nitroaniline	9.434	65	128421	38.984	ng	100
49) Acenaphthylene	9.745	152	621763	38.790	ng	100
50) Dimethylphthalate	9.604	163	487517	38.566	ng	100
51) 2,6-Dinitrotoluene	9.675	165	111990	38.752	ng	100
52) Acenaphthene	9.916	154	398965	38.965	ng	100
53) 3-Nitroaniline	9.851	138	113227	39.481	ng	100
54) 2,4-Dinitrophenol	9.969	184	47982	37.788	ng	100
55) Dibenzofuran	10.092	168	619833	39.066	ng	100
56) 4-Nitrophenol	10.034	139	59043	40.590	ng	100
57) 2,4-Dinitrotoluene	10.086	165	150199	39.502	ng	100
58) Fluorene	10.434	166	517920	39.568	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	127023	42.028	ng	100
60) Diethylphthalate	10.304	149	516146	39.375	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	256836	39.062	ng	100
62) 4-Nitroaniline	10.469	138	121143	40.423	ng	100
63) Azobenzene	10.581	77	490731	39.821	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	84370	41.148	ng	100
66) n-Nitrosodiphenylamine	10.545	169	433296	38.947	ng	100
67) 4-Bromophenyl-phenylether	10.910	248	159117	39.307	ng	100
68) Hexachlorobenzene	10.986	284	177811	38.742	ng	100
69) Atrazine	11.069	200	121493	39.101	ng	100
70) Pentachlorophenol	11.186	266	70638	42.072	ng	100
71) Phenanthrene	11.398	178	711714	38.248	ng	100
72) Anthracene	11.451	178	702321	38.326	ng	100
73) Carbazole	11.610	167	689096	38.392	ng	100
74) Di-n-butylphthalate	11.928	149	816942	38.782	ng	100
75) Fluoranthene	12.592	202	817749	38.159	ng	100
77) Benzidine	12.716	184	194791	39.598	ng	100
78) Pyrene	12.822	202	818937	38.208	ng	100
80) Butylbenzylphthalate	13.427	149	311465	39.493	ng	100
81) Benzo(a)anthracene	14.022	228	654937	38.340	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	198481	38.511	ng	100
83) Chrysene	14.063	228	612484	39.430	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	395970	38.939	ng	100
85) Di-n-octyl phthalate	14.633	149	589634	38.326	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	514416	40.662	ng	100
88) Benzo(b)fluoranthene	15.110	252	524660	37.283	ng	100
89) Benzo(k)fluoranthene	15.139	252	496310	41.115	ng	100
90) Benzo(a)pyrene	15.480	252	435015	39.478	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	428983	40.931	ng	100
92) Benzo(g,h,i)perylene	17.504	276	434898	40.771	ng	100

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

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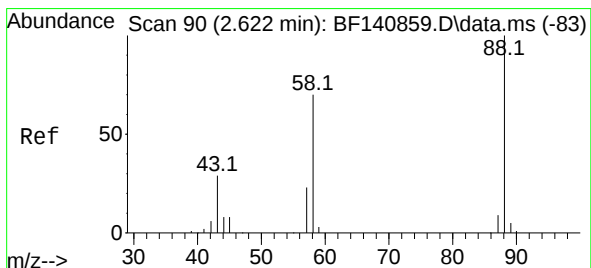
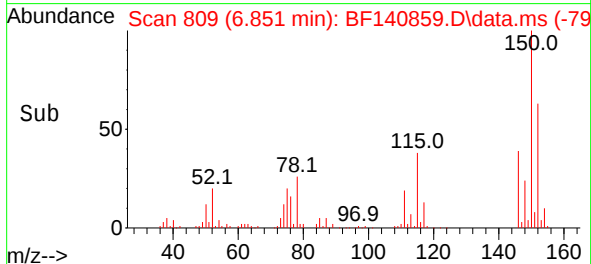
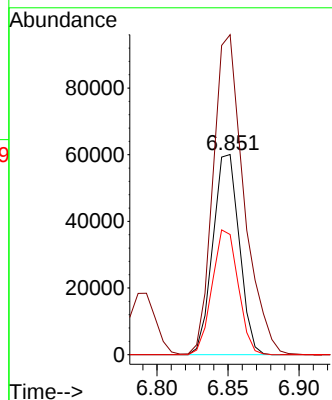
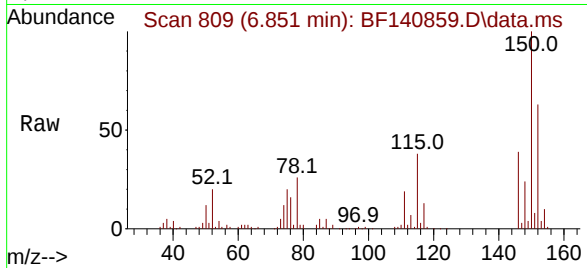




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

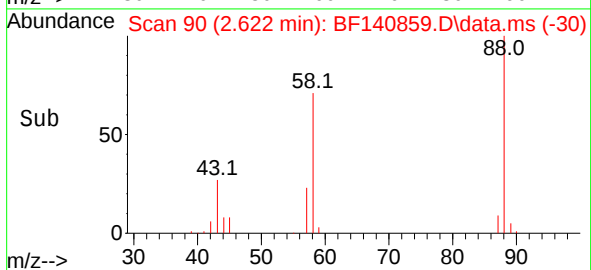
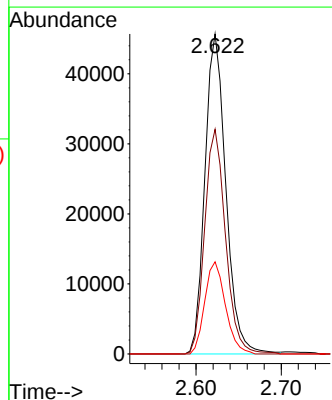
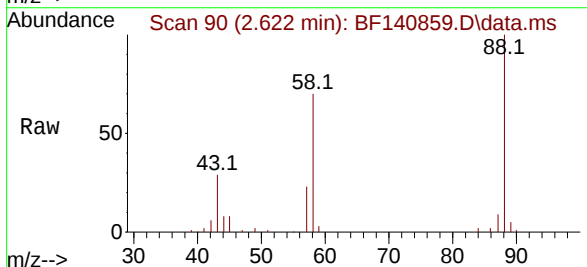
Instrument :
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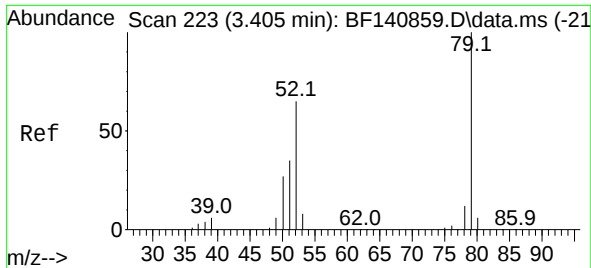
Tgt Ion:152 Resp: 77674
Ion Ratio Lower Upper
152 100
150 159.9 127.9 191.9
115 60.0 48.0 72.0



#2
1,4-Dioxane
Concen: 38.433 ng
RT: 2.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 88 Resp: 78111
Ion Ratio Lower Upper
88 100
58 69.8 55.8 83.8
43 28.4 22.7 34.1

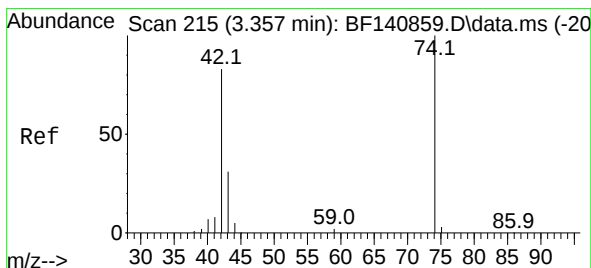
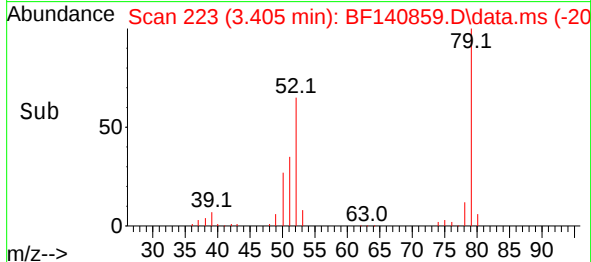
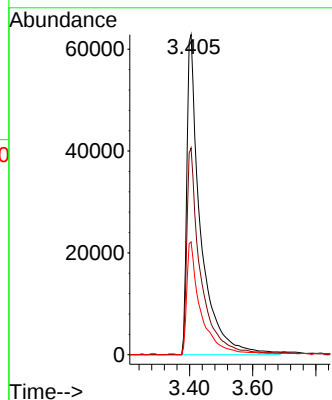
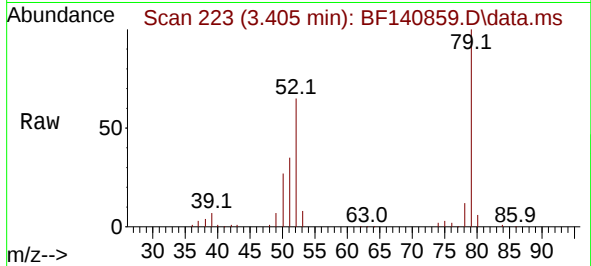




#3
Pyridine
Concen: 40.326 ng
RT: 3.405 min Scan# 215
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

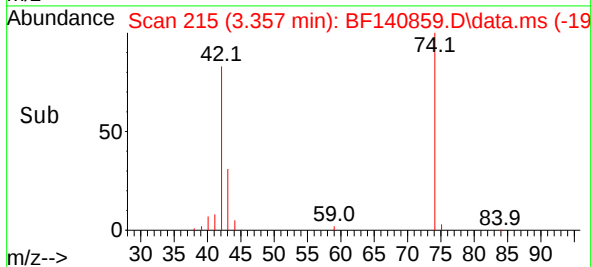
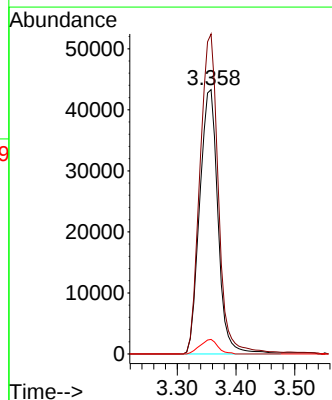
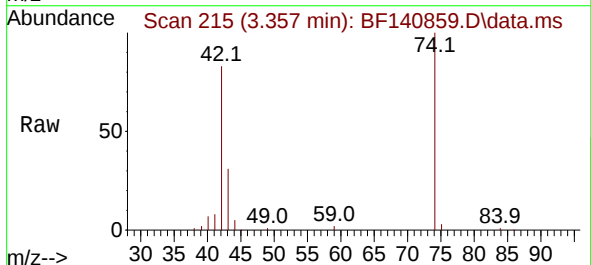
Instrument :
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ClientSampleId :
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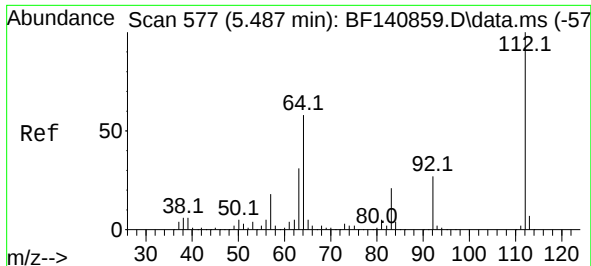
Tgt Ion: 79 Resp: 189803
Ion Ratio Lower Upper
79 100
52 64.6 51.7 77.5
51 35.3 28.2 42.4



#4
n-Nitrosodimethylamine
Concen: 39.510 ng
RT: 3.357 min Scan# 215
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 42 Resp: 93747
Ion Ratio Lower Upper
42 100
74 121.1 96.9 145.3
44 5.5 4.4 6.6

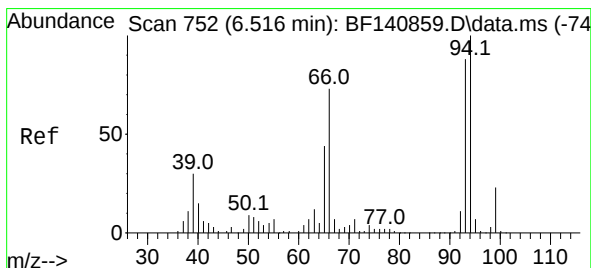
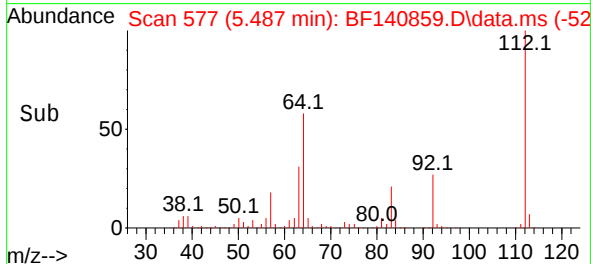
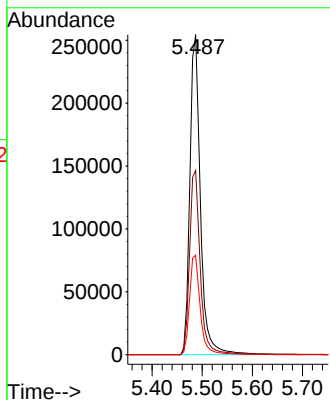
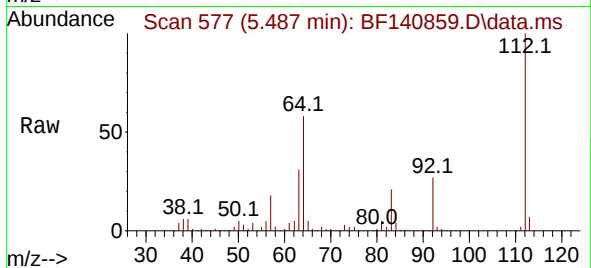




#5
2-Fluorophenol
Concen: 78.982 ng
RT: 5.487 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

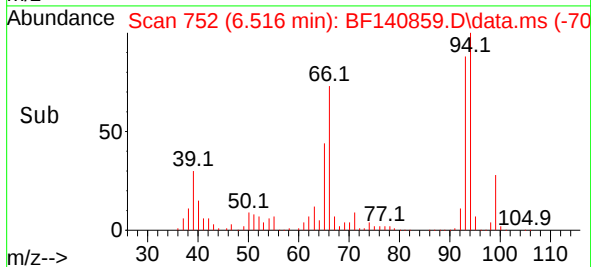
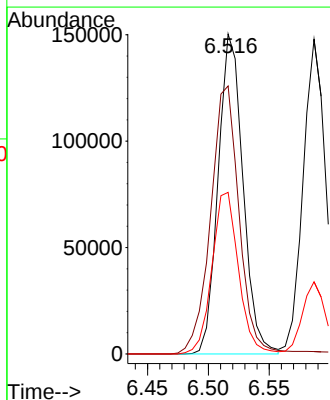
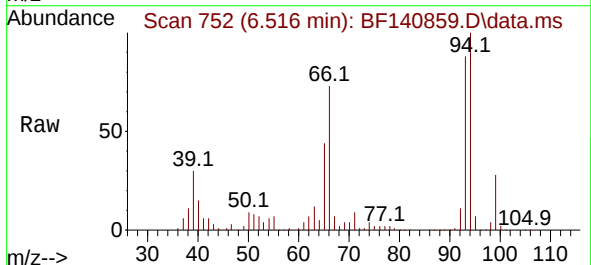
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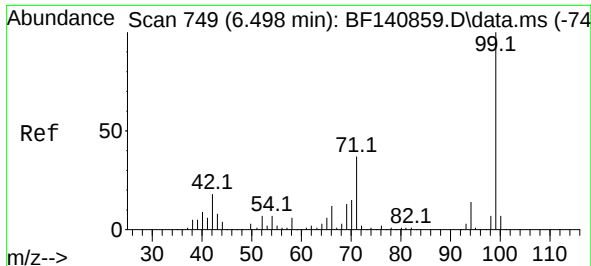
Tgt Ion:112 Resp: 372670
Ion Ratio Lower Upper
112 100
64 57.6 46.1 69.1
63 31.1 24.9 37.3



#6
Aniline
Concen: 39.944 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 93 Resp: 213440
Ion Ratio Lower Upper
93 100
66 83.7 67.0 100.4
65 50.5 40.4 60.6

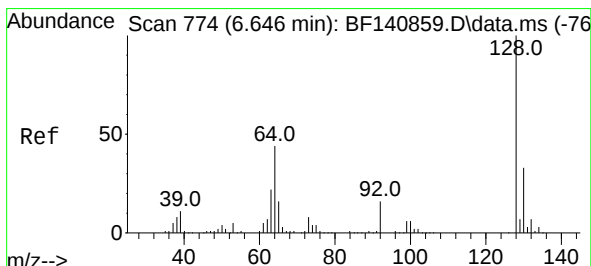
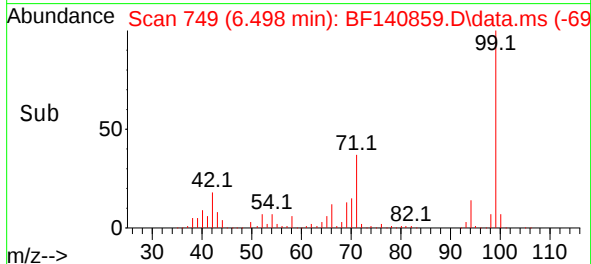
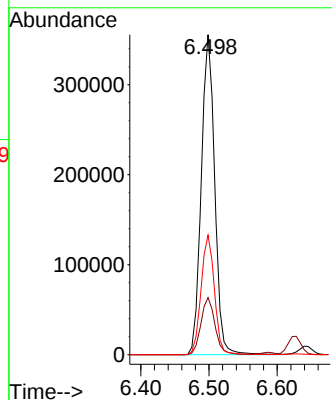
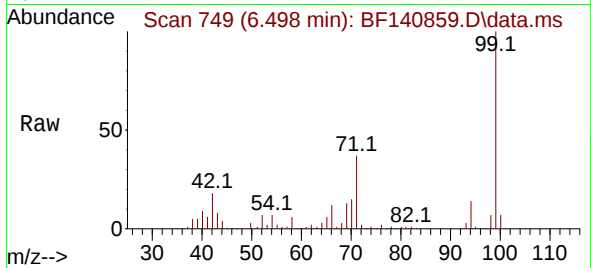




#7
Phenol-d6
Concen: 77.902 ng
RT: 6.498 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

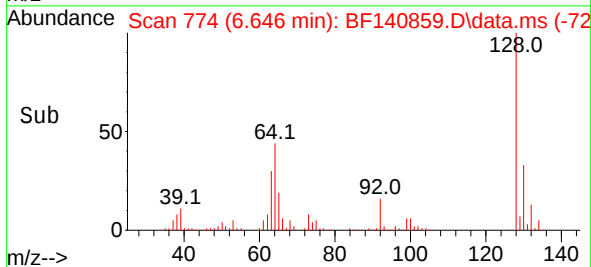
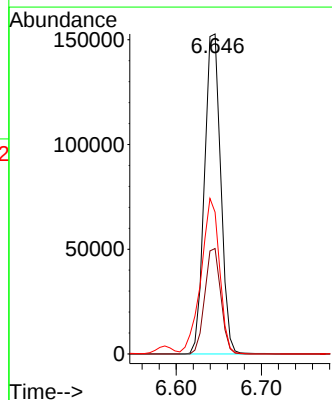
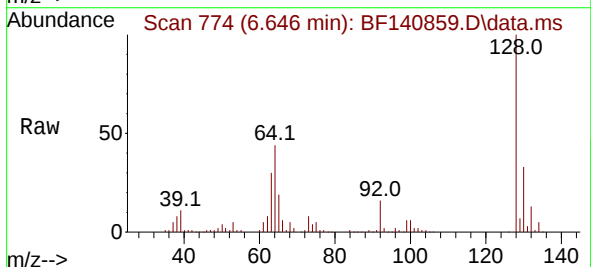
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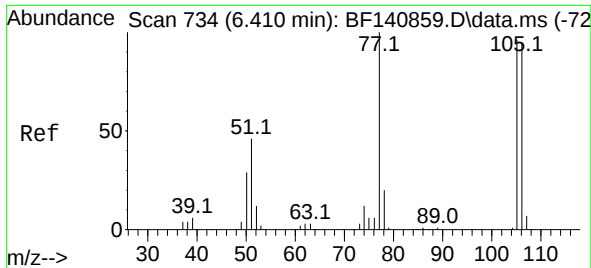
Tgt Ion: 99 Resp: 486855
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 37.4 29.9 44.9



#8
2-Chlorophenol
Concen: 39.277 ng
RT: 6.646 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 128 Resp: 202098
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 44.3 24.3 64.3





#9

Benzaldehyde

Concen: 38.761 ng

RT: 6.410 min Scan# 734

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

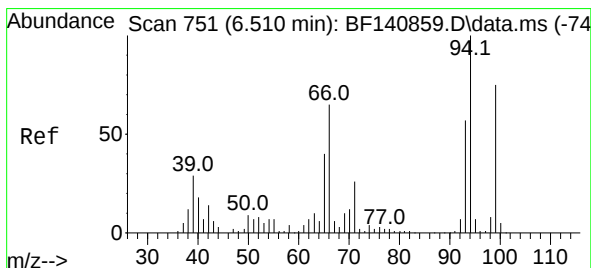
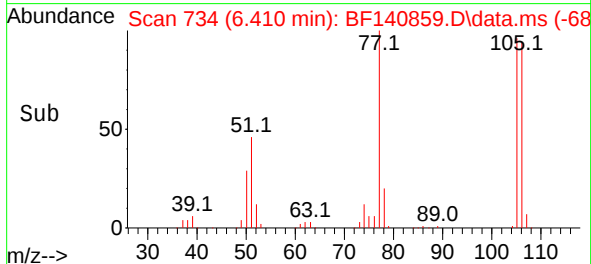
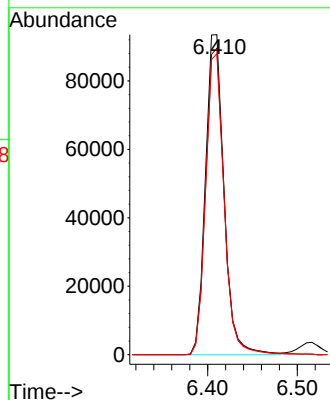
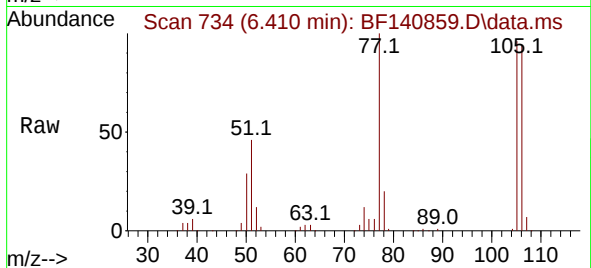
Tgt Ion: 77 Resp: 134222

Ion Ratio Lower Upper

77 100

105 95.8 75.8 115.8

106 94.1 74.1 114.1



#10

Phenol

Concen: 39.100 ng

RT: 6.510 min Scan# 751

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

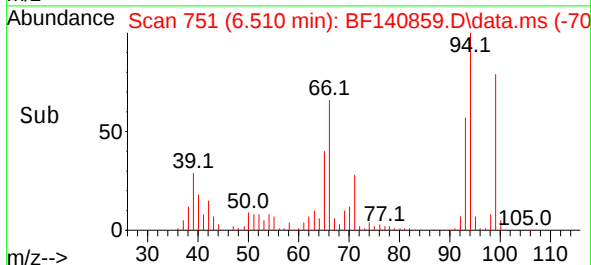
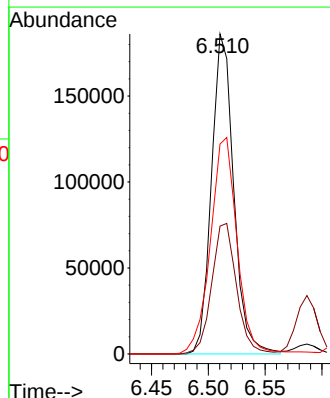
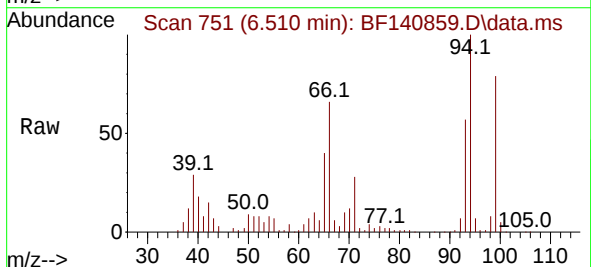
Tgt Ion: 94 Resp: 253259

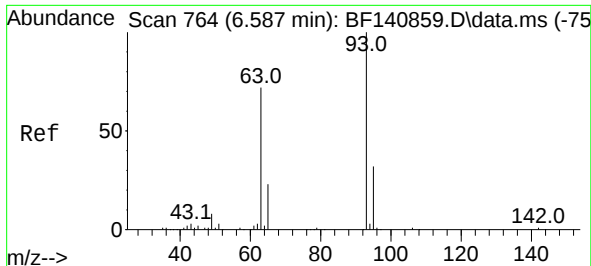
Ion Ratio Lower Upper

94 100

65 39.9 19.9 59.9

66 65.6 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 39.459 ng

RT: 6.587 min Scan# 764

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

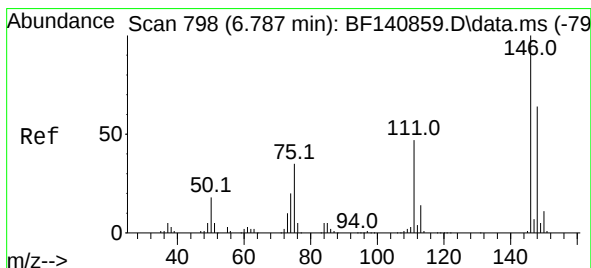
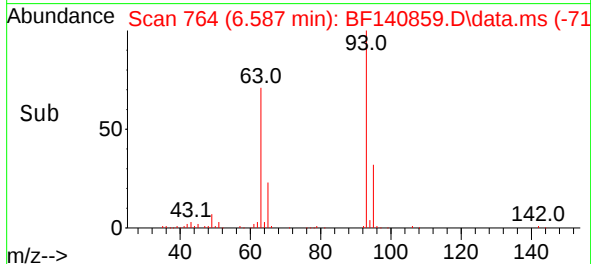
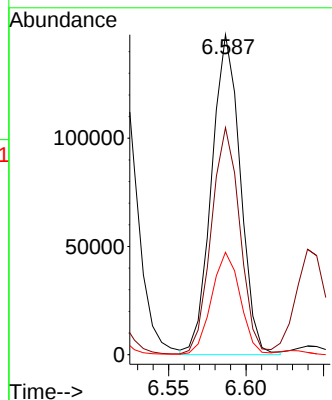
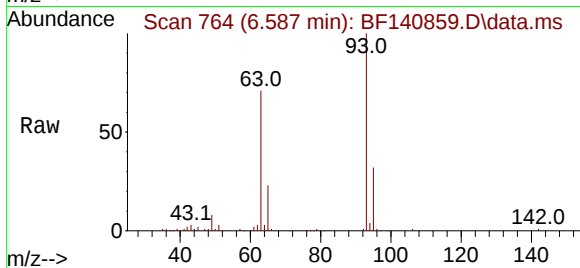
Tgt Ion: 93 Resp: 190608

Ion Ratio Lower Upper

93 100

63 71.0 51.0 91.0

95 32.0 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 38.918 ng

RT: 6.787 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

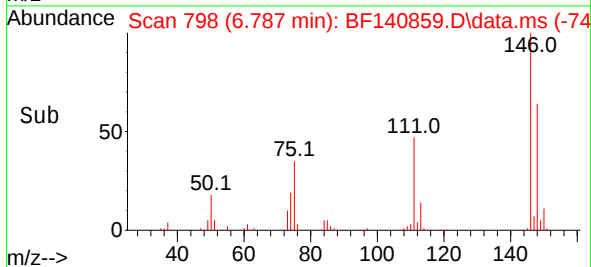
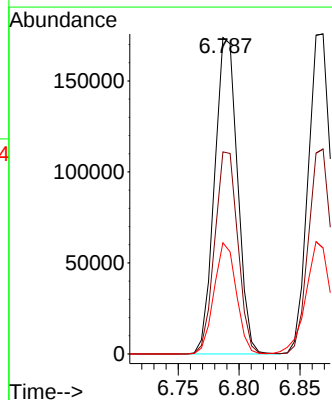
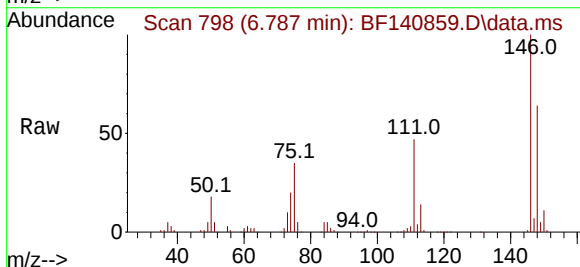
Tgt Ion:146 Resp: 228181

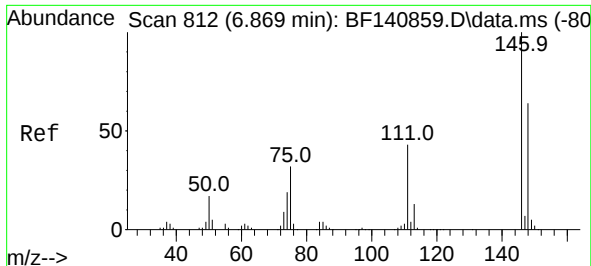
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

75 35.1 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.065 ng

RT: 6.869 min Scan# 812

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

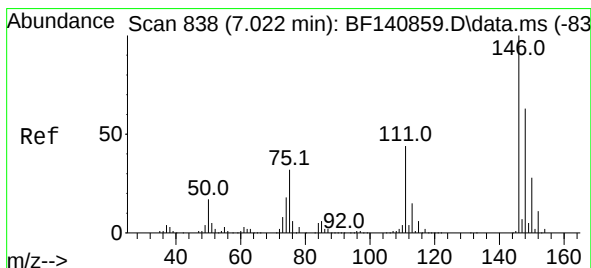
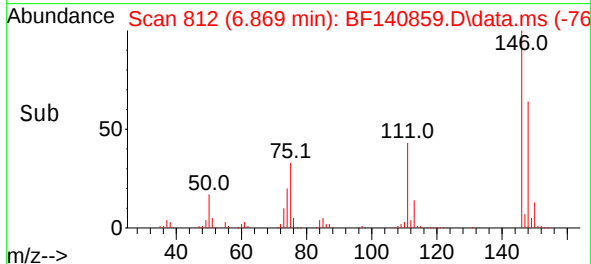
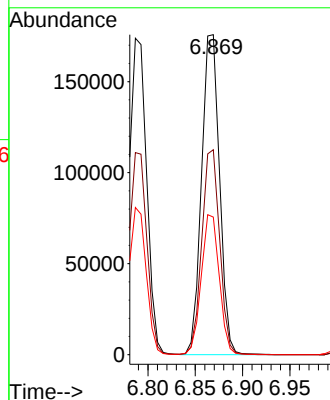
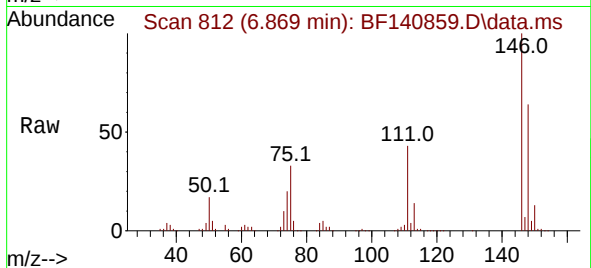
Tgt Ion:146 Resp: 232493

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

111 43.0 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.737 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

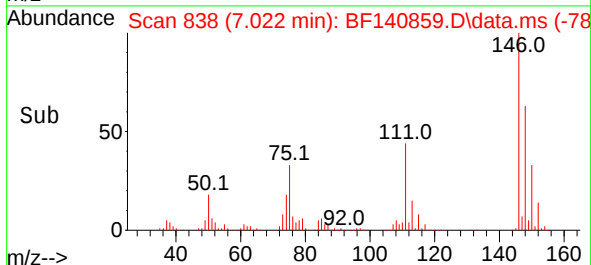
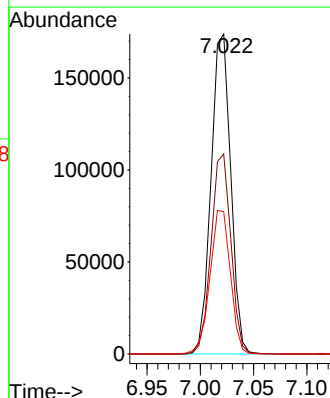
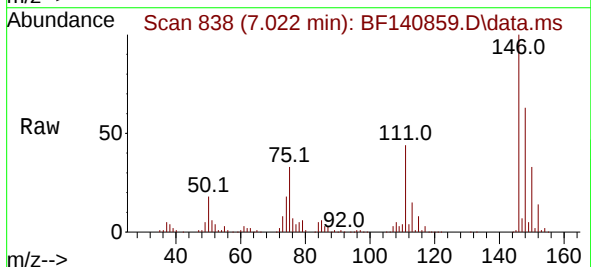
Tgt Ion:146 Resp: 223134

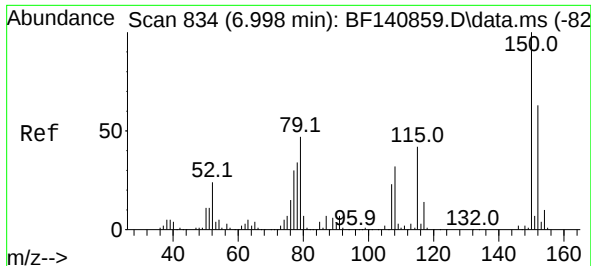
Ion Ratio Lower Upper

146 100

148 62.5 50.0 75.0

111 44.5 35.6 53.4





#15

Benzyl Alcohol

Concen: 39.968 ng

RT: 6.998 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

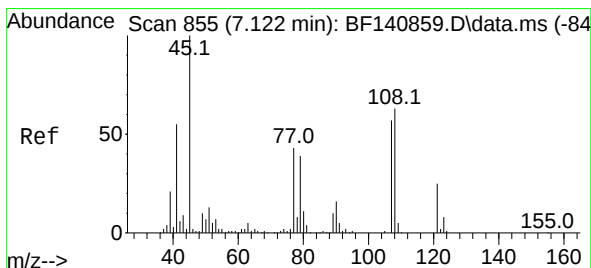
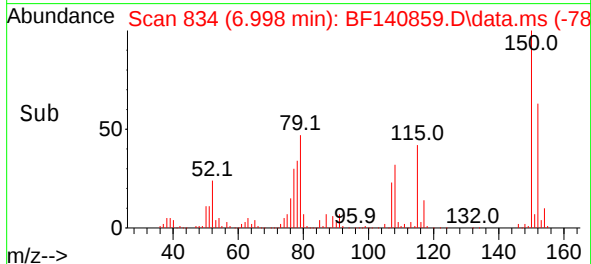
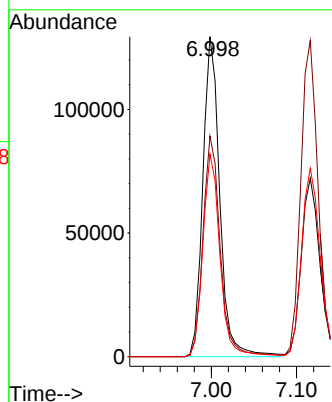
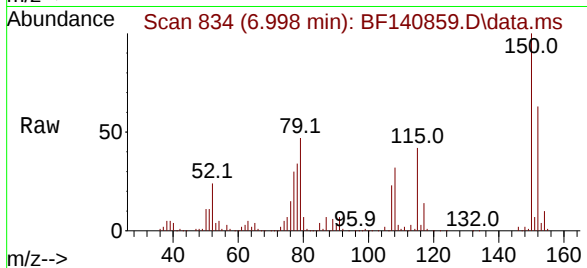
Tgt Ion: 79 Resp: 178597

Ion Ratio Lower Upper

79 100

108 68.9 55.1 82.7

77 63.3 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.269 ng

RT: 7.122 min Scan# 855

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

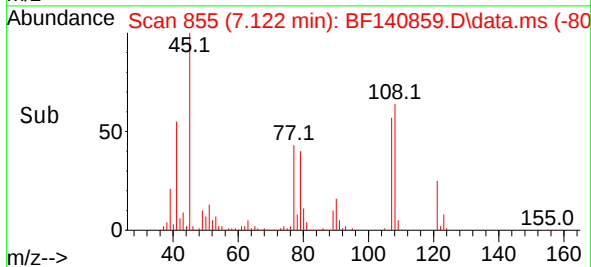
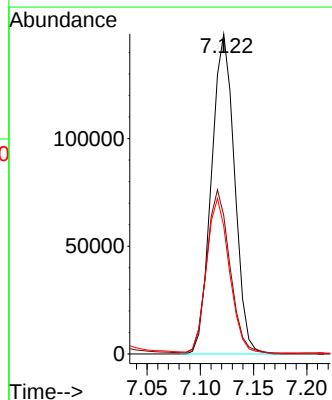
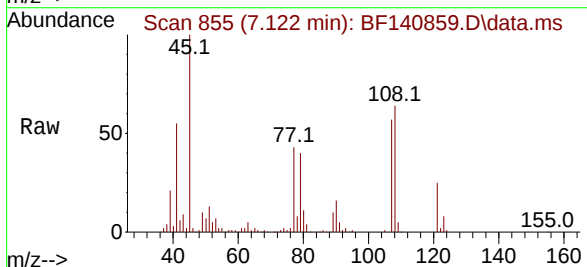
Tgt Ion: 45 Resp: 223455

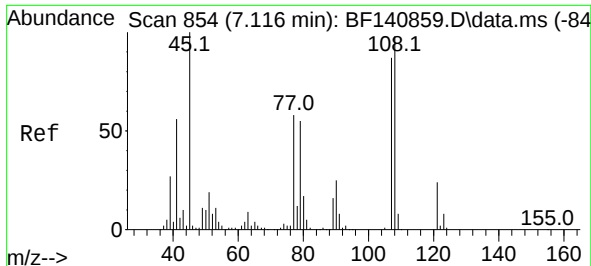
Ion Ratio Lower Upper

45 100

77 43.3 23.3 63.3

79 40.0 20.0 60.0

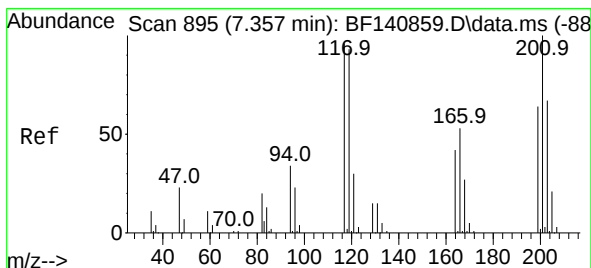
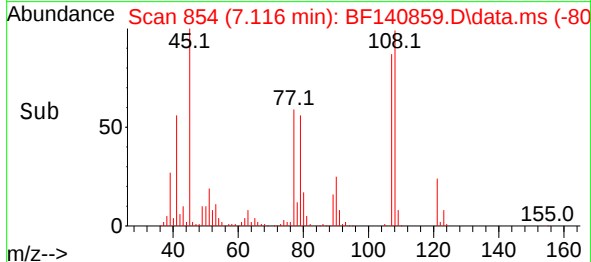
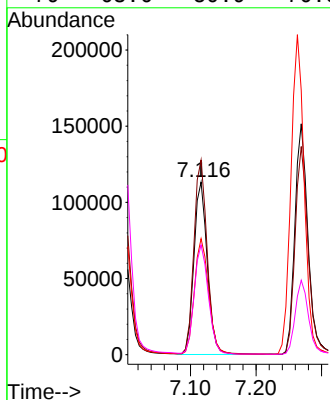
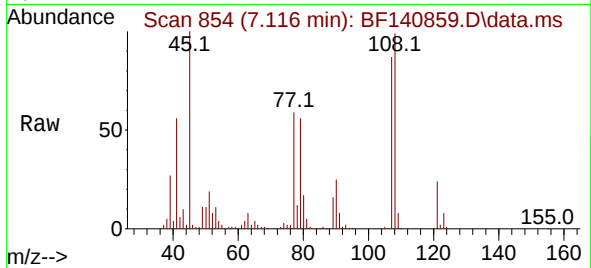




#17
2-Methylphenol
Concen: 39.284 ng
RT: 7.116 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

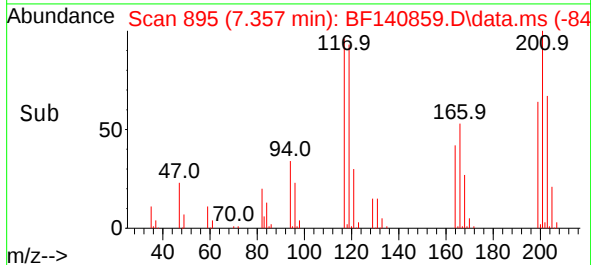
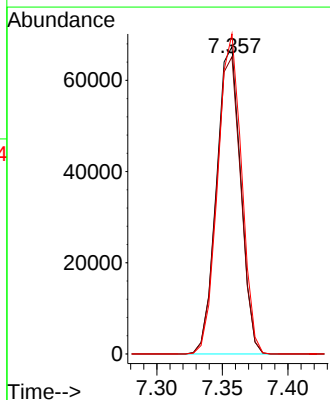
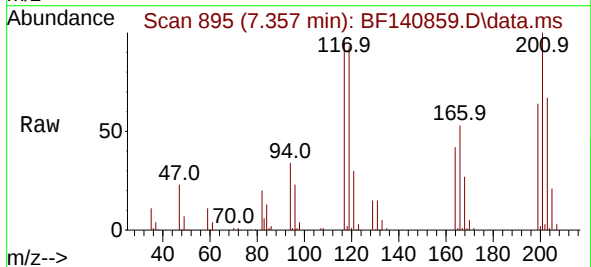
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

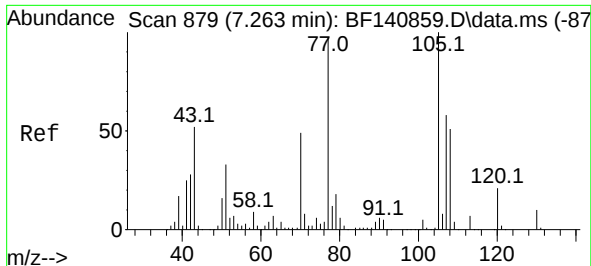
Tgt Ion:	107	Resp:	161380
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.2	135.4
77	67.2	53.8	80.6
79	63.6	50.9	76.3



#18
Hexachloroethane
Concen: 38.994 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:	117	Resp:	86395
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.0
201	104.2	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 38.220 ng

RT: 7.263 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 70 Resp: 143279

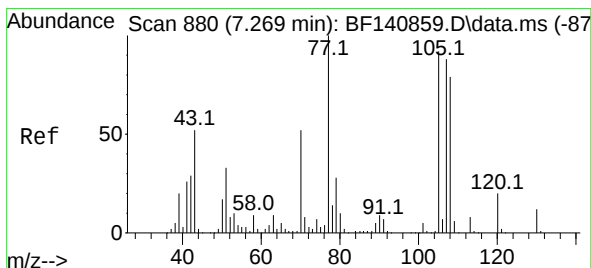
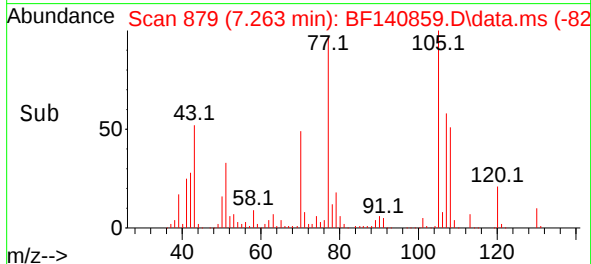
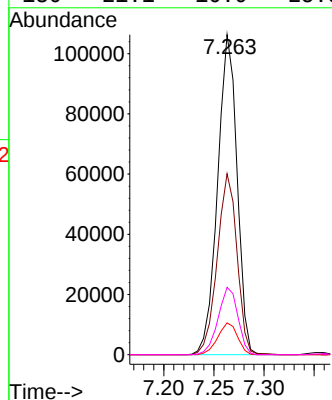
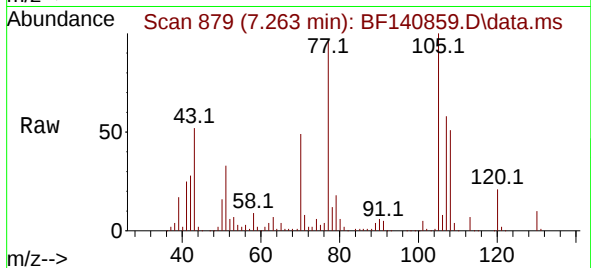
Ion Ratio Lower Upper

70 100

42 56.6 45.3 67.9

101 10.0 8.0 12.0

130 21.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 38.648 ng

RT: 7.269 min Scan# 880

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:107 Resp: 210531

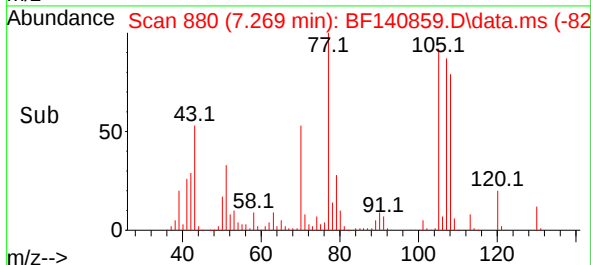
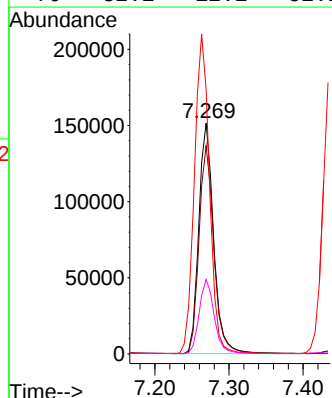
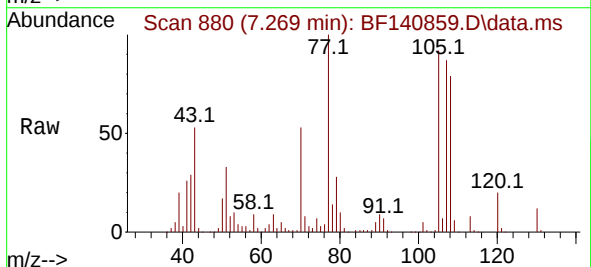
Ion Ratio Lower Upper

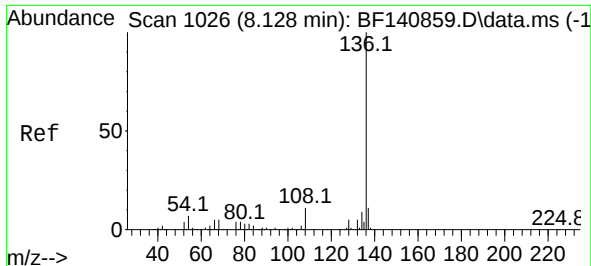
107 100

108 90.1 70.1 110.1

77 114.4 94.4 134.4

79 32.2 12.2 52.2

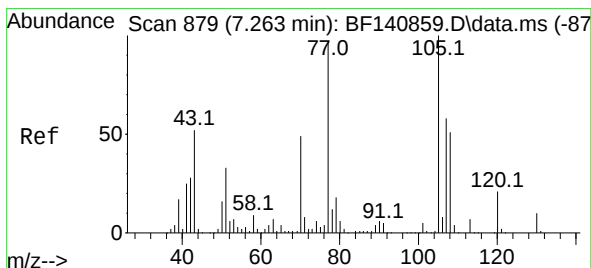
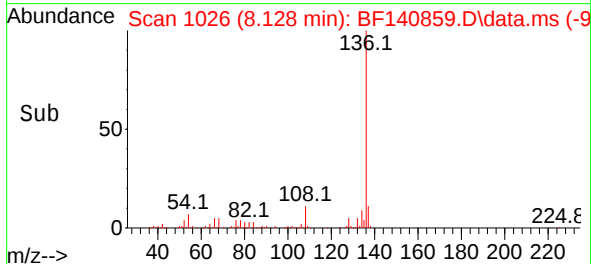
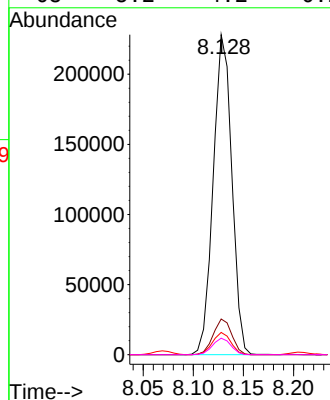
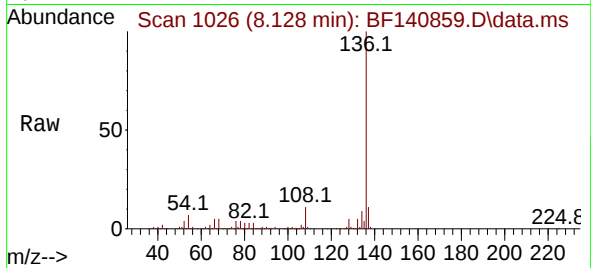




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

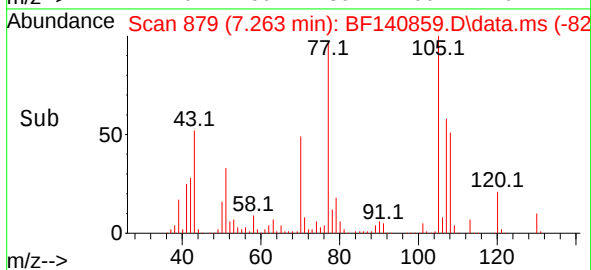
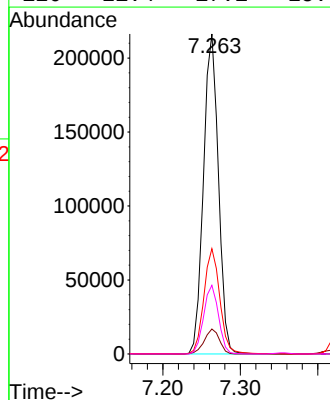
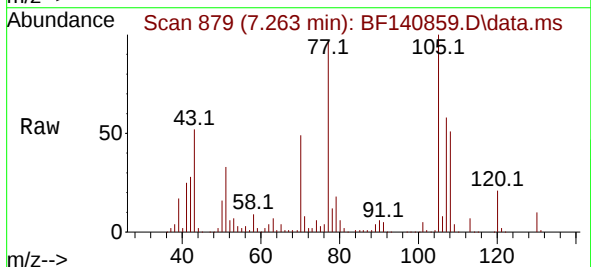
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

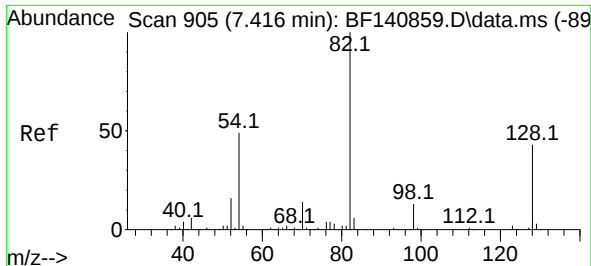
Tgt Ion:	136	Resp:	293537
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	5.2	4.2	6.2



#22
Acetophenone
Concen: 39.446 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:	105	Resp:	289650
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.2	9.4
51	32.9	26.3	39.5
120	21.4	17.1	25.7

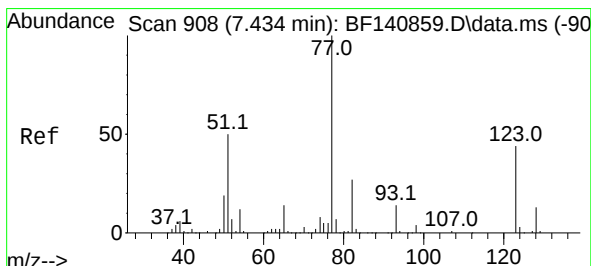
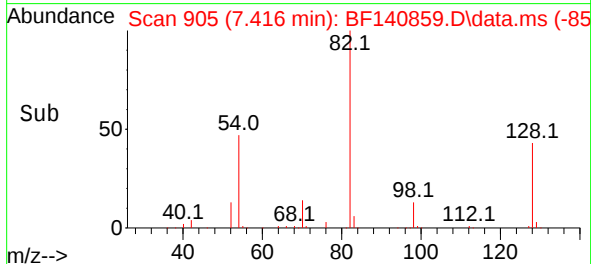
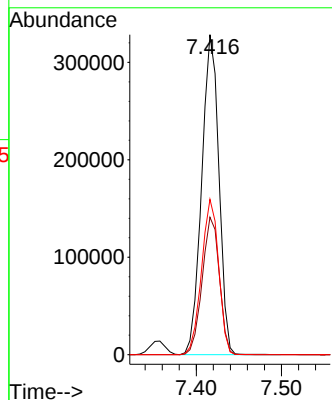
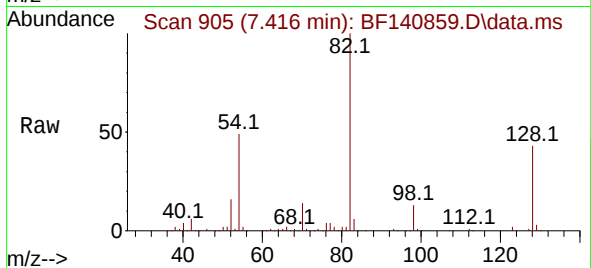




#23
Nitrobenzene-d5
Concen: 78.576 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

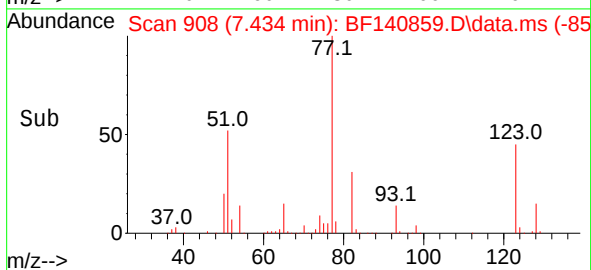
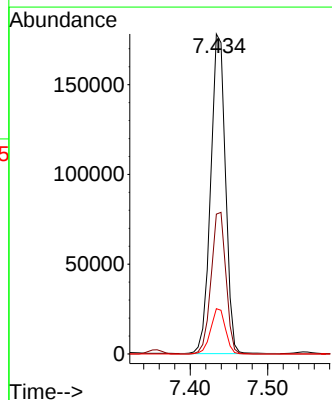
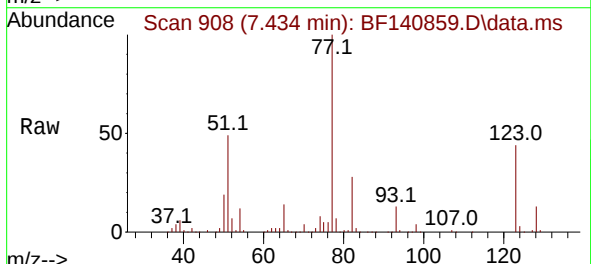
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

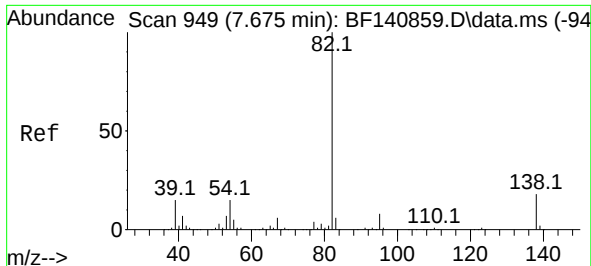
Tgt Ion: 82 Resp: 461011
Ion Ratio Lower Upper
82 100
128 43.0 34.4 51.6
54 48.5 38.8 58.2



#24
Nitrobenzene
Concen: 39.238 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 77 Resp: 235847
Ion Ratio Lower Upper
77 100
123 43.7 35.0 52.4
65 14.2 11.4 17.0

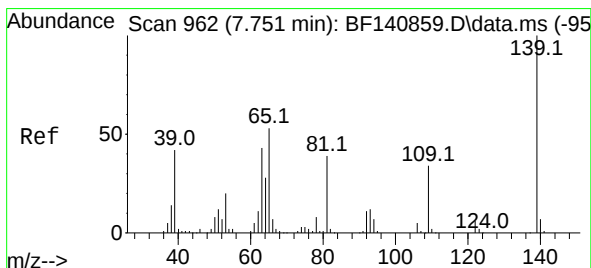
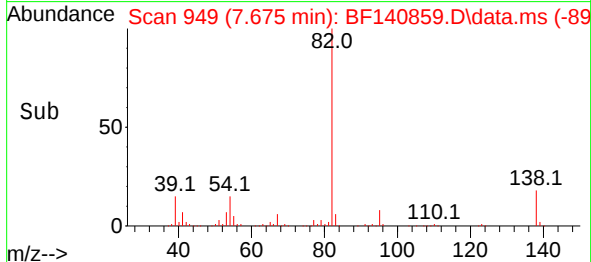
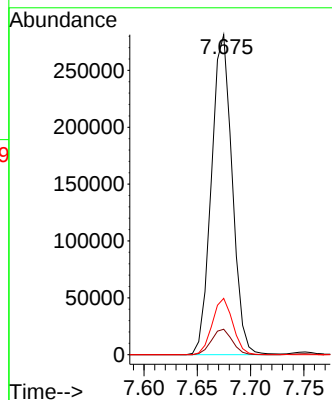
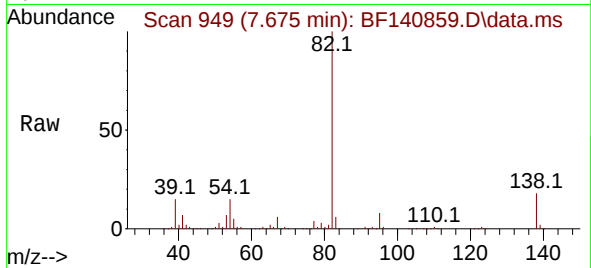




#25
Isophorone
Concen: 38.852 ng
RT: 7.675 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

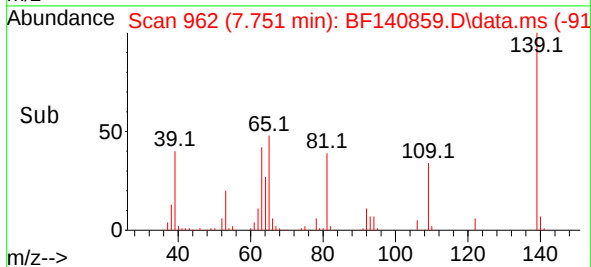
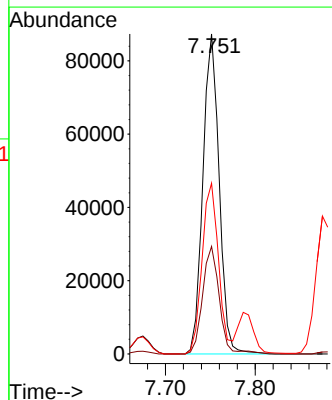
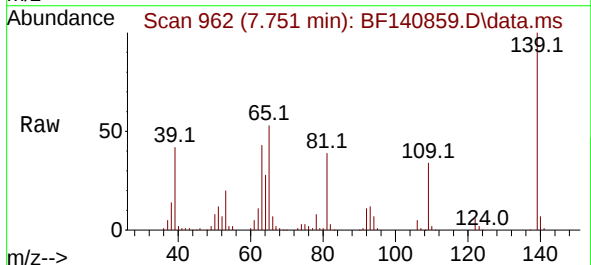
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

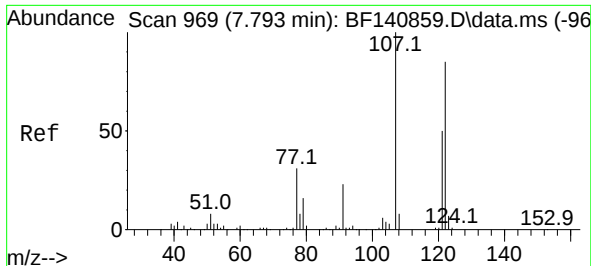
Tgt Ion: 82 Resp: 381938
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 17.6 14.1 21.1



#26
2-Nitrophenol
Concen: 39.666 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:139 Resp: 109806
Ion Ratio Lower Upper
139 100
109 33.6 26.9 40.3
65 53.3 42.6 64.0

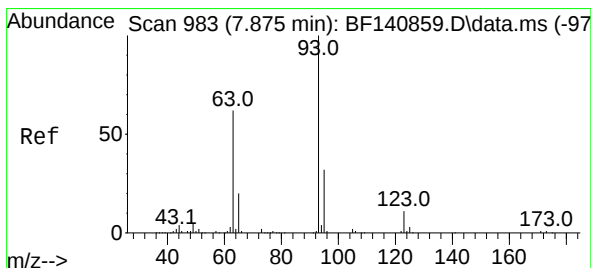
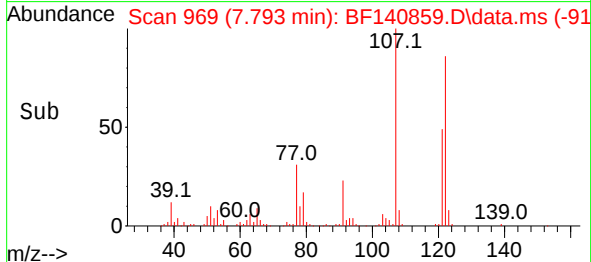
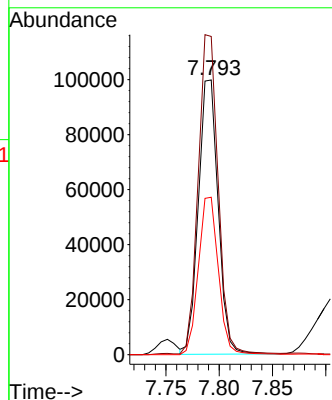
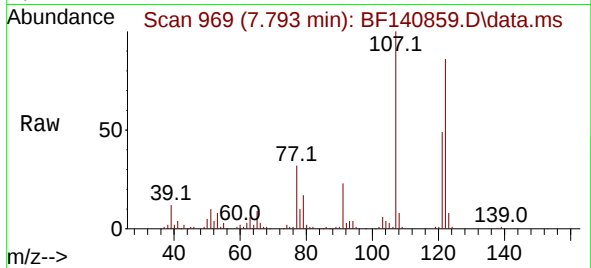




#27
2,4-Dimethylphenol
Concen: 39.892 ng
RT: 7.793 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

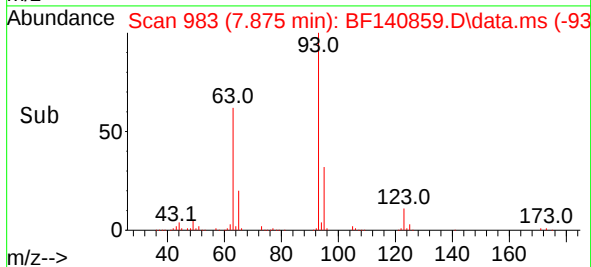
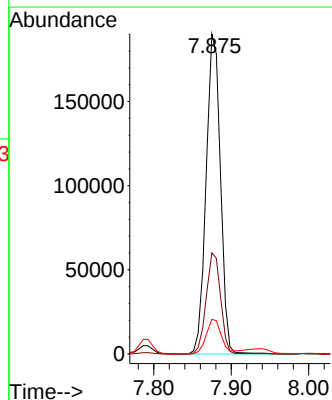
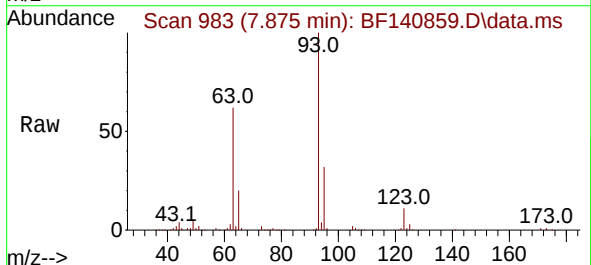
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

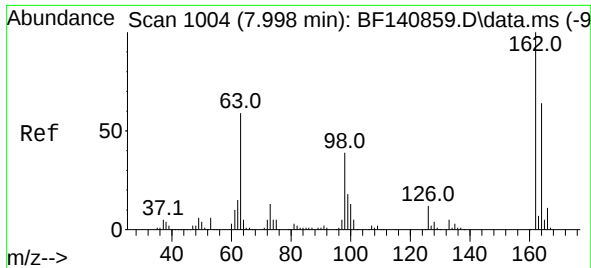
Tgt Ion:122 Resp: 128970
Ion Ratio Lower Upper
122 100
107 115.8 92.6 139.0
121 57.3 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 39.846 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion: 93 Resp: 244652
Ion Ratio Lower Upper
93 100
95 31.6 25.3 37.9
123 10.8 8.6 13.0

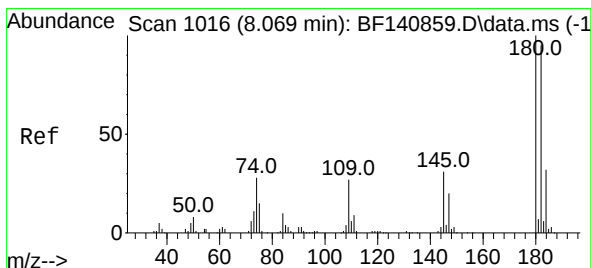
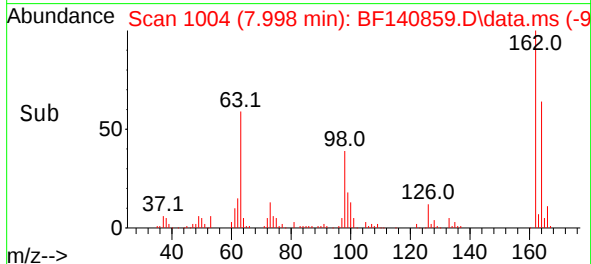
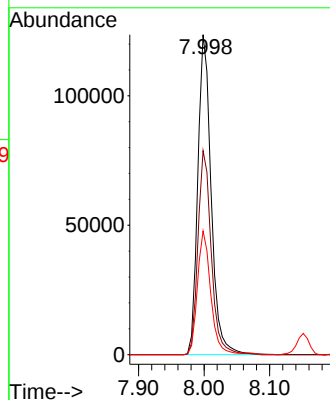
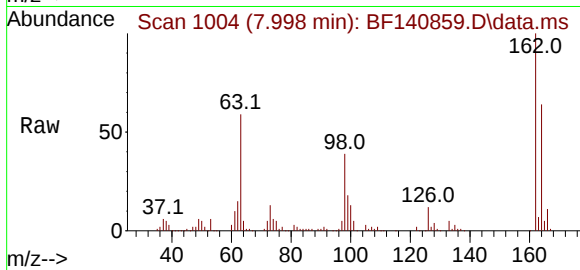




#29
2,4-Dichlorophenol
Concen: 39.299 ng
RT: 7.998 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

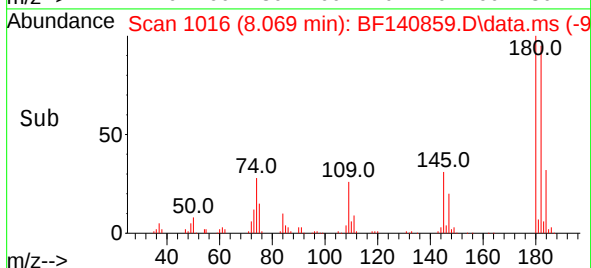
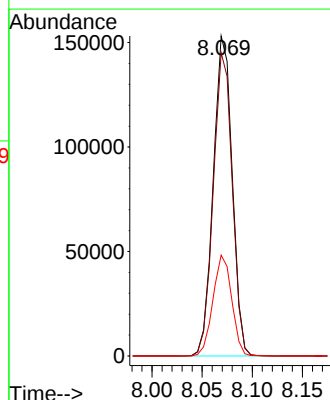
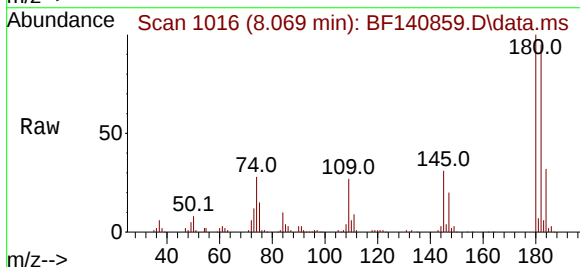
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

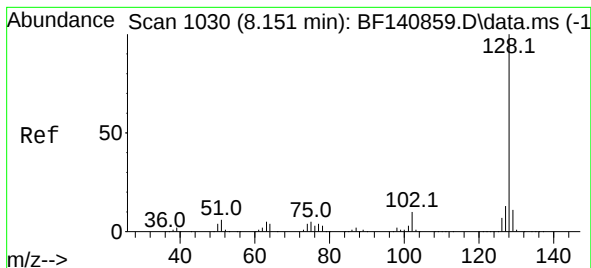
Tgt Ion:162 Resp: 175409
Ion Ratio Lower Upper
162 100
164 63.7 43.7 83.7
98 38.6 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 39.180 ng
RT: 8.069 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:180 Resp: 200471
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 31.5 25.2 37.8





#31

Naphthalene

Concen: 38.860 ng

RT: 8.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

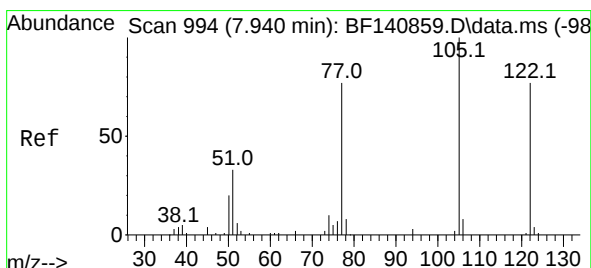
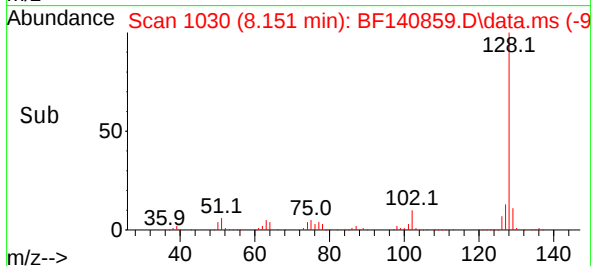
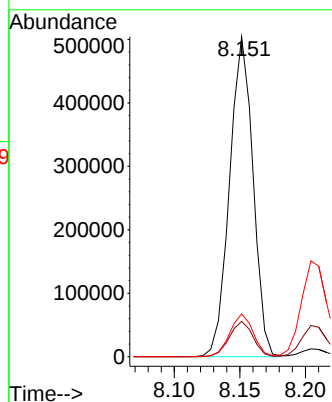
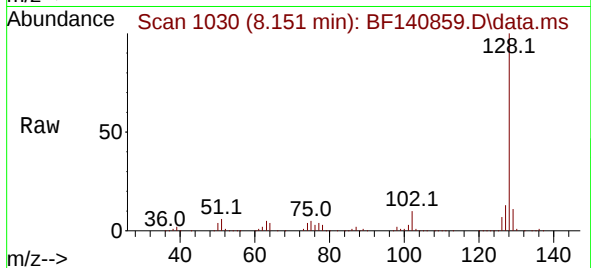
Tgt Ion:128 Resp: 626585

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 40.510 ng

RT: 7.940 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

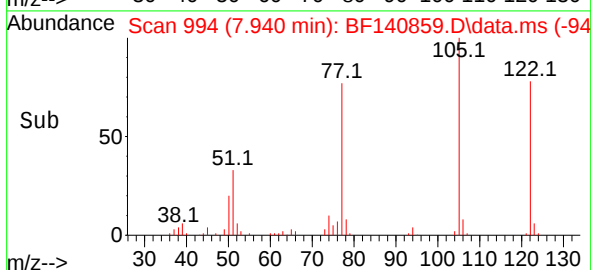
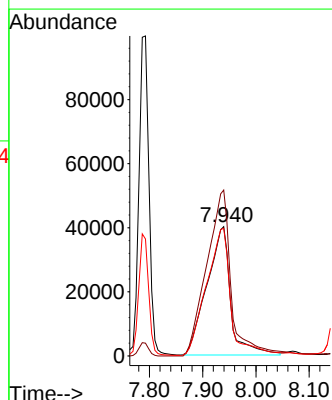
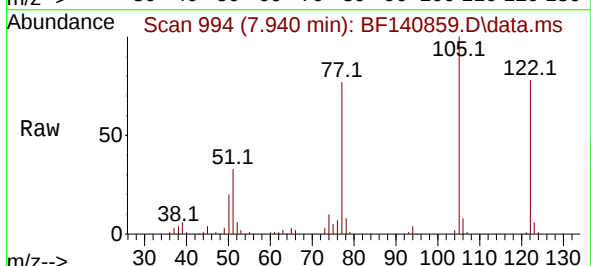
Tgt Ion:122 Resp: 124210

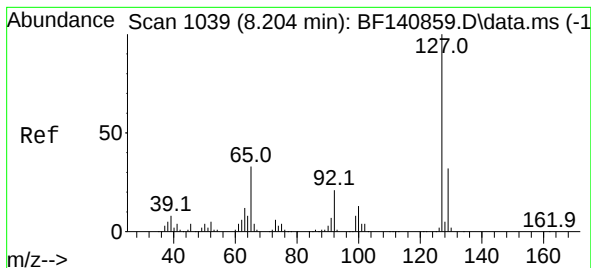
Ion Ratio Lower Upper

122 100

105 128.3 108.3 148.3

77 98.8 78.8 118.8





#33

4-Chloroaniline

Concen: 39.582 ng

RT: 8.204 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:127 Resp: 211976

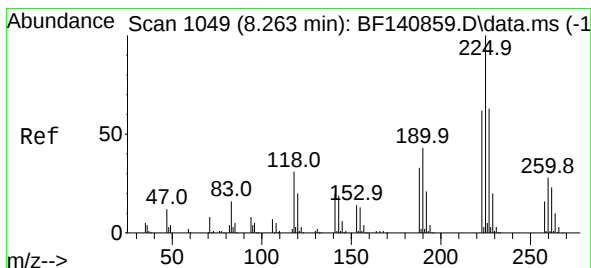
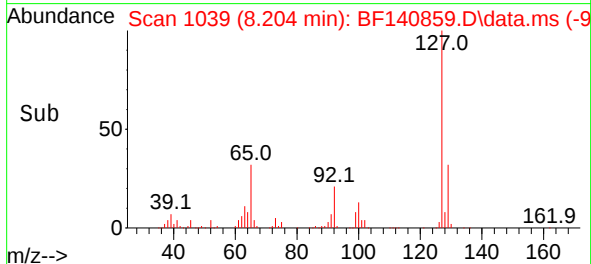
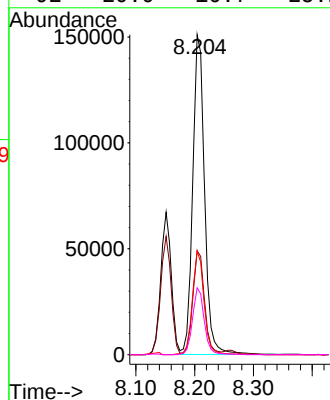
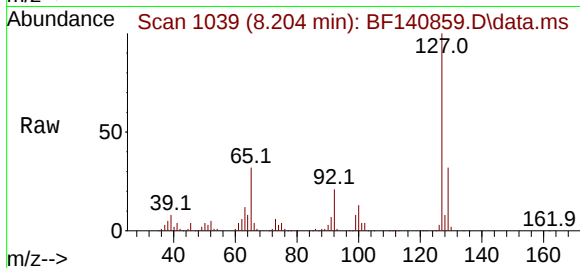
Ion Ratio Lower Upper

127 100

129 32.5 26.0 39.0

65 32.5 26.0 39.0

92 20.9 16.7 25.1



#34

Hexachlorobutadiene

Concen: 39.646 ng

RT: 8.263 min Scan# 1049

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

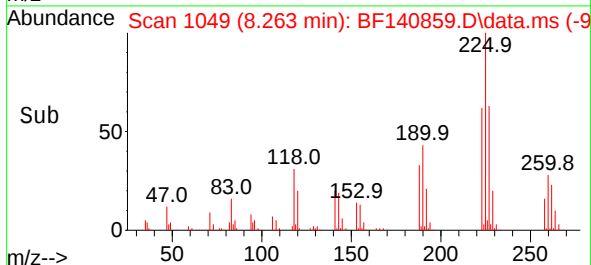
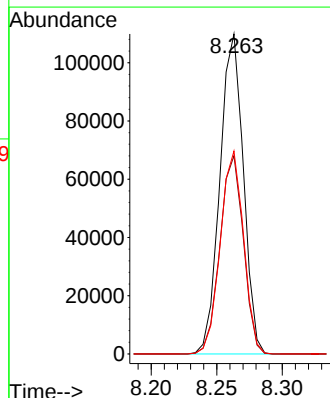
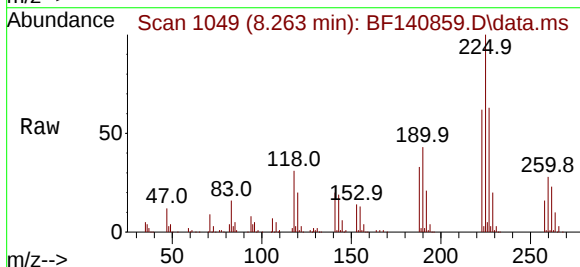
Tgt Ion:225 Resp: 136482

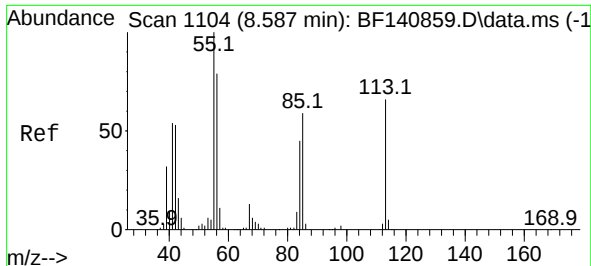
Ion Ratio Lower Upper

225 100

223 62.0 49.6 74.4

227 63.4 50.7 76.1





#35

Caprolactam

Concen: 39.930 ng

RT: 8.587 min Scan# 1104

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

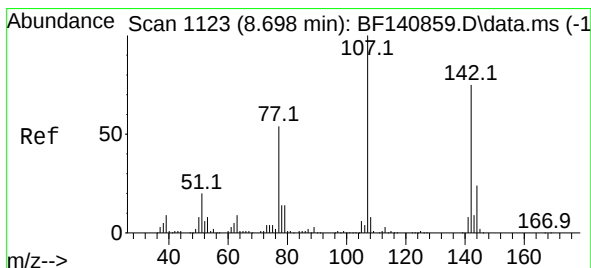
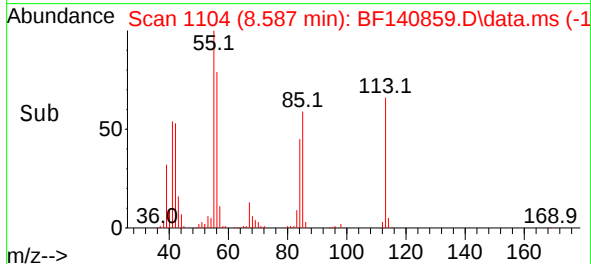
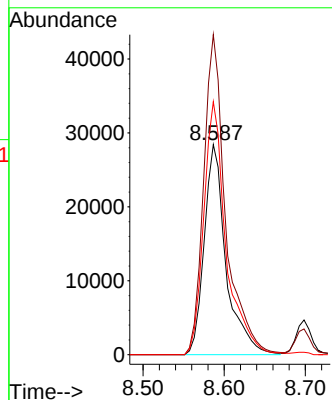
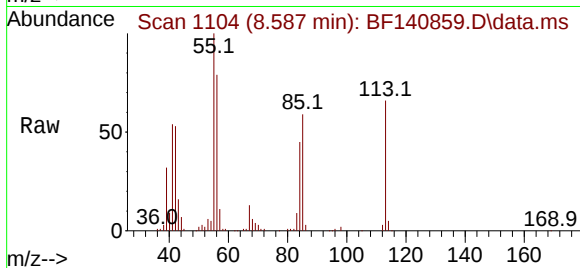
Tgt Ion:113 Resp: 53059

Ion Ratio Lower Upper

113 100

55 152.3 132.3 172.3

56 120.3 100.3 140.3



#36

4-Chloro-3-methylphenol

Concen: 39.473 ng

RT: 8.698 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

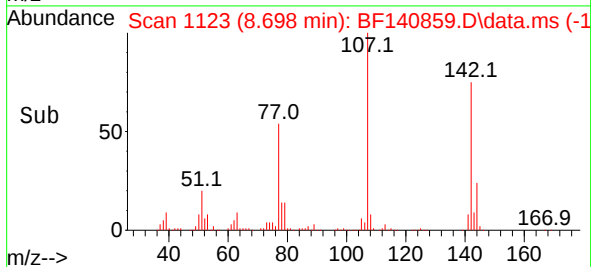
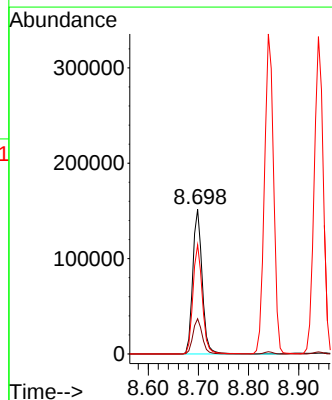
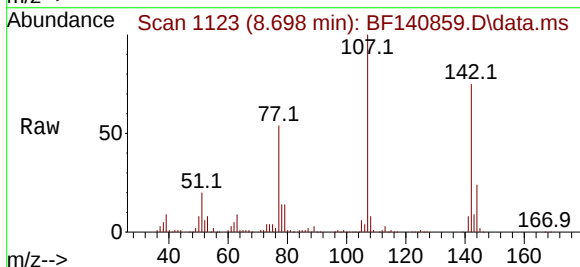
Tgt Ion:107 Resp: 198298

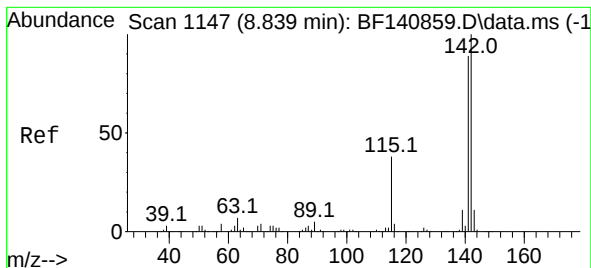
Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.2

142 75.4 60.3 90.5





#37

2-Methylnaphthalene

Concen: 39.693 ng

RT: 8.839 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

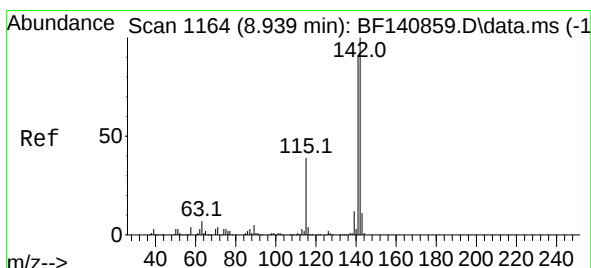
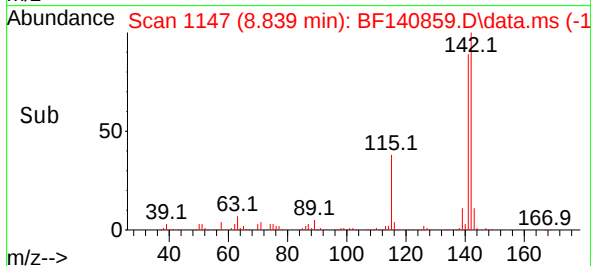
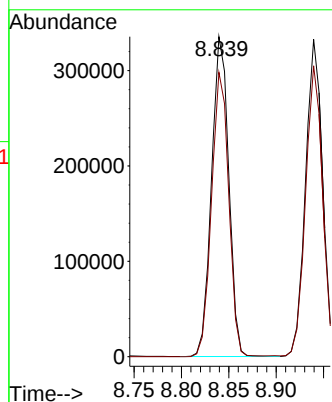
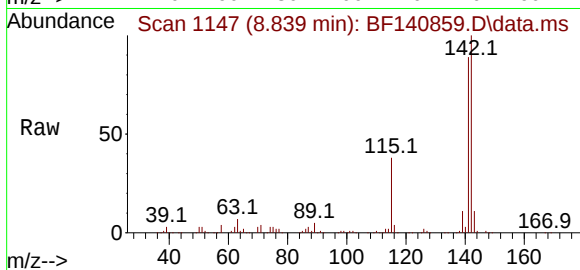
SSTDICCC040

Tgt Ion:142 Resp: 423369

Ion Ratio Lower Upper

142 100

141 88.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 39.281 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF140859.D

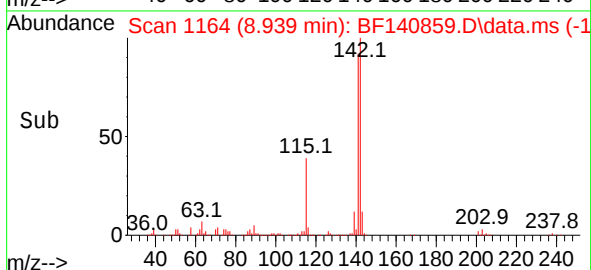
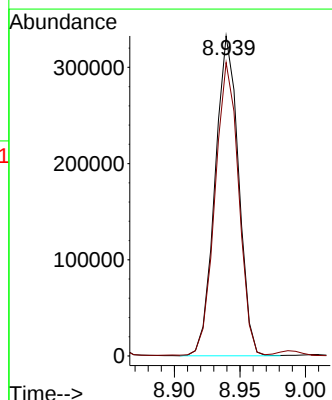
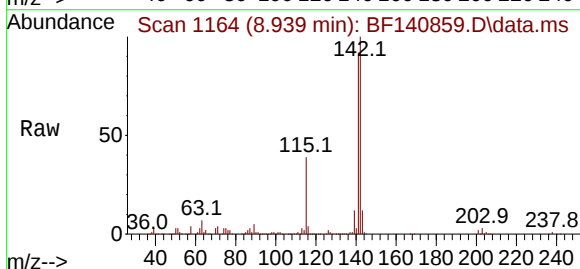
Acq: 16 Dec 2024 14:26

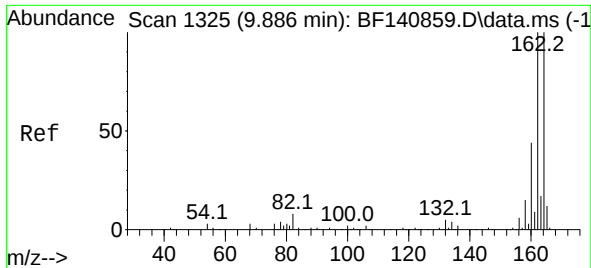
Tgt Ion:142 Resp: 414363

Ion Ratio Lower Upper

142 100

141 91.7 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

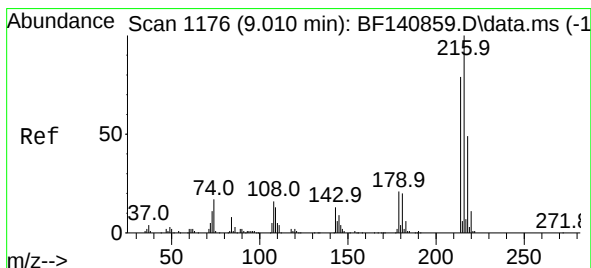
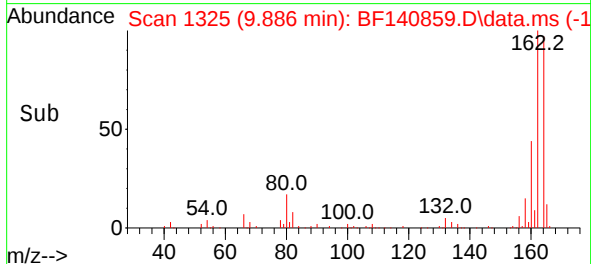
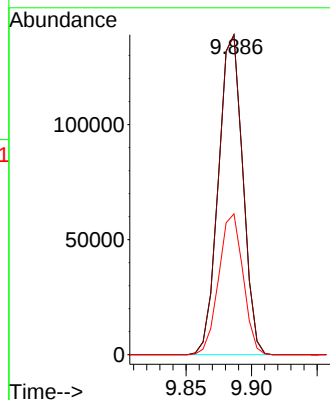
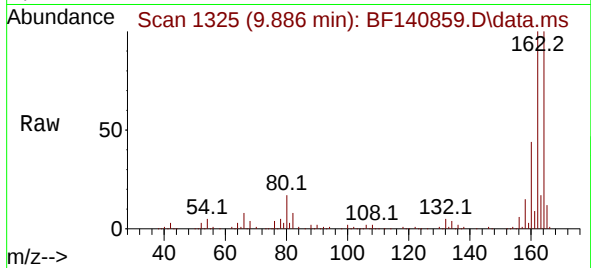
Tgt Ion:164 Resp: 179301

Ion Ratio Lower Upper

164 100

162 99.9 79.9 119.9

160 44.0 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.768 ng

RT: 9.010 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:216 Resp: 208141

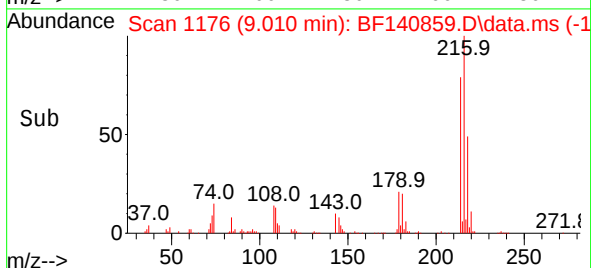
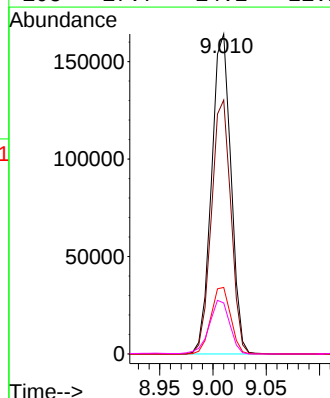
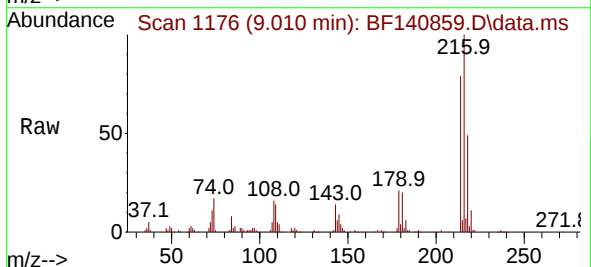
Ion Ratio Lower Upper

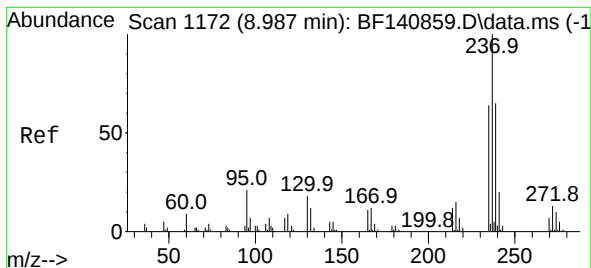
216 100

214 79.5 63.6 95.4

179 21.2 17.0 25.4

108 17.7 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 39.476 ng

RT: 8.987 min Scan# 1172

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

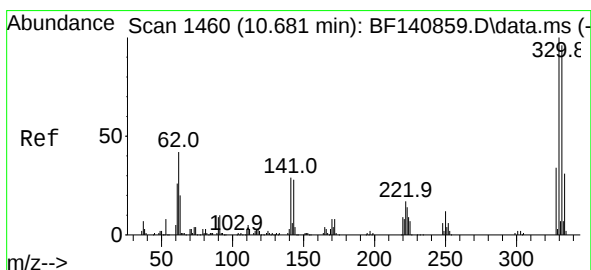
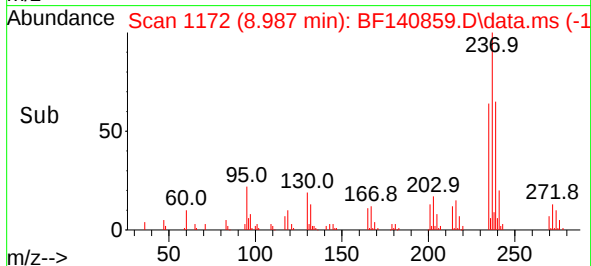
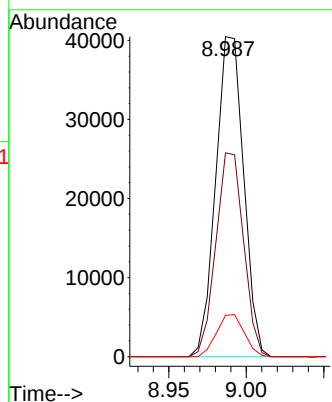
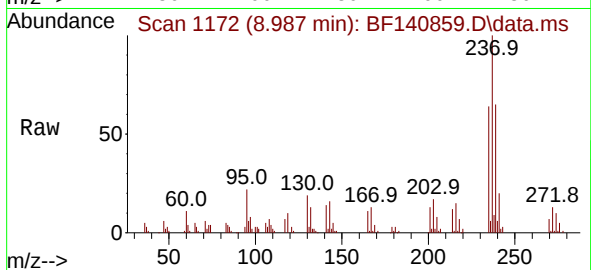
Tgt Ion:237 Resp: 50793

Ion Ratio Lower Upper

237 100

235 63.7 43.7 83.7

272 12.9 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 81.197 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

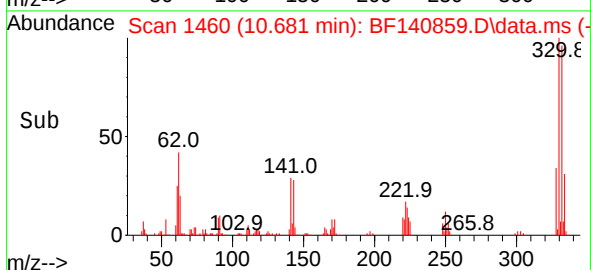
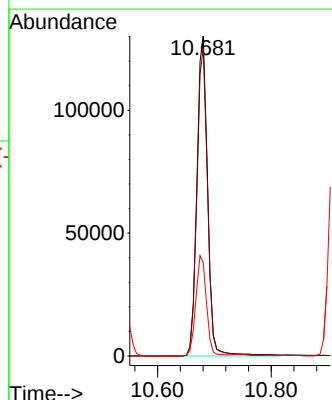
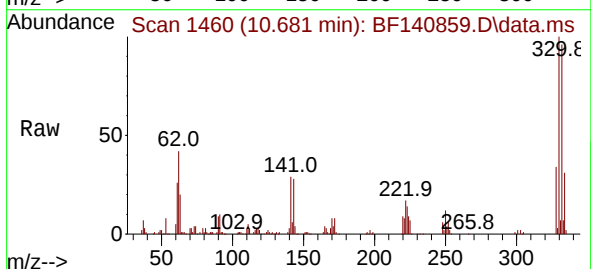
Tgt Ion:330 Resp: 172188

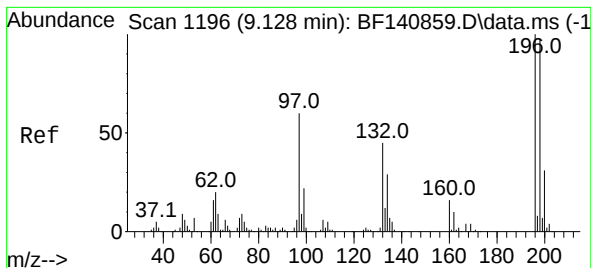
Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 31.1 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 38.631 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

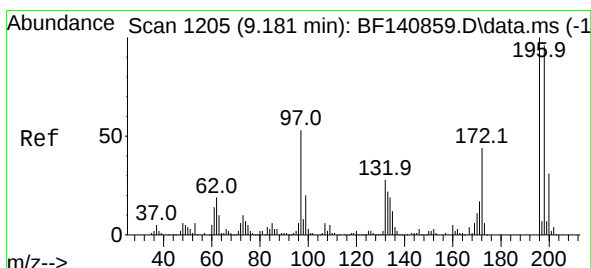
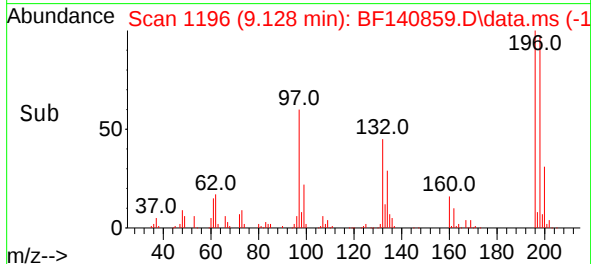
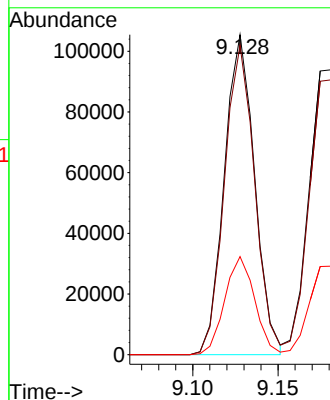
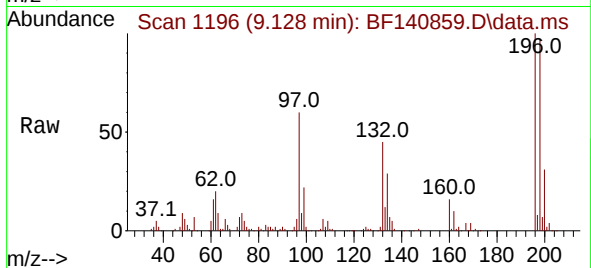
Tgt Ion:196 Resp: 130363

Ion Ratio Lower Upper

196 100

198 96.7 77.4 116.0

200 30.6 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 38.395 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:196 Resp: 142411

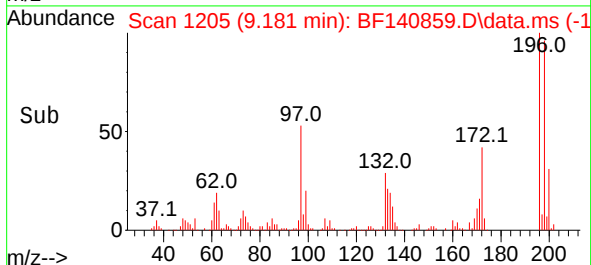
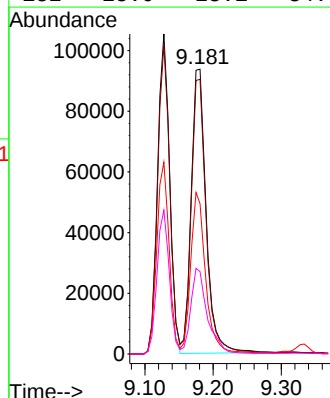
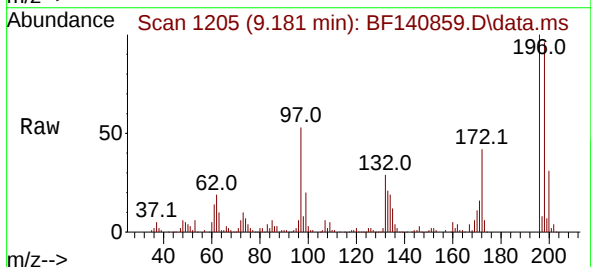
Ion Ratio Lower Upper

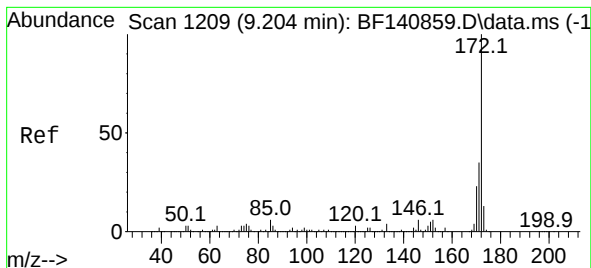
196 100

198 96.5 77.2 115.8

97 52.8 42.2 63.4

132 28.9 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 75.290 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

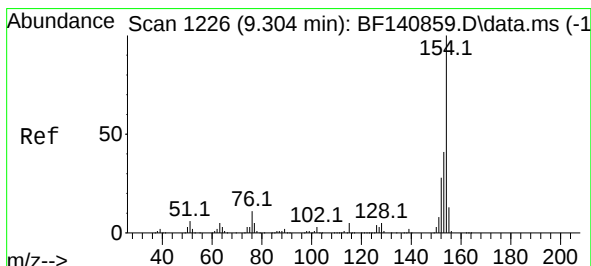
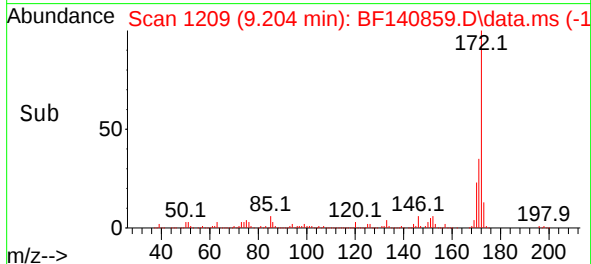
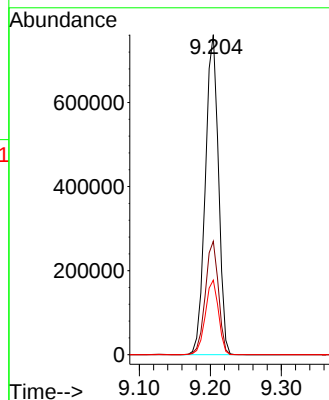
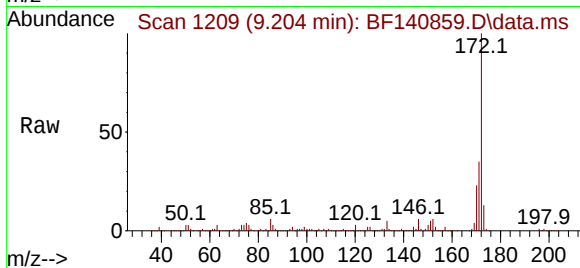
Tgt Ion:172 Resp: 981889

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.044 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

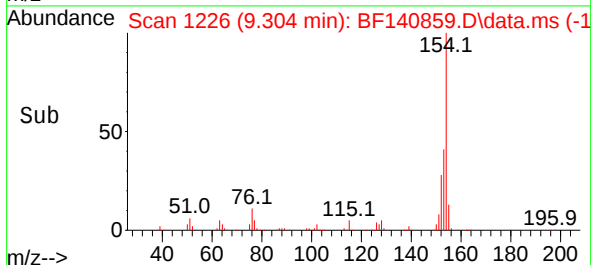
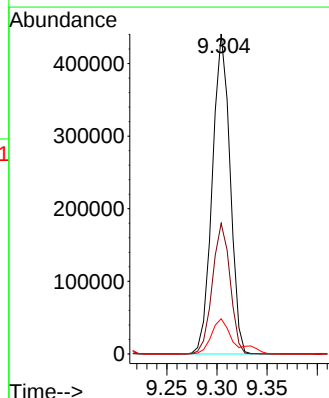
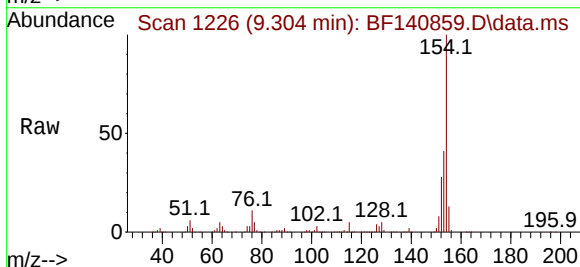
Tgt Ion:154 Resp: 542419

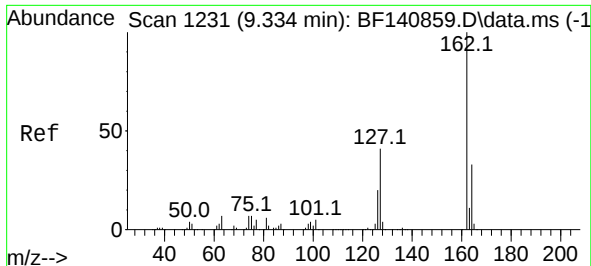
Ion Ratio Lower Upper

154 100

153 40.8 20.8 60.8

76 11.0 0.0 31.0





#47

2-Chloronaphthalene

Concen: 38.447 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

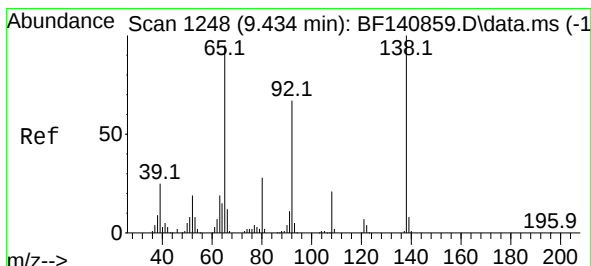
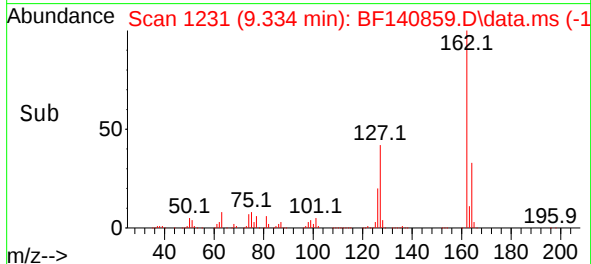
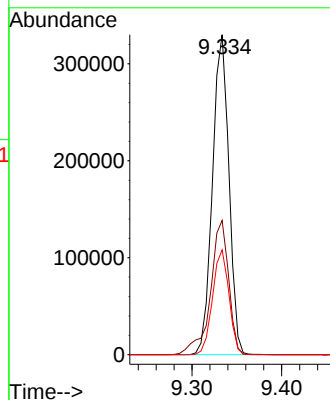
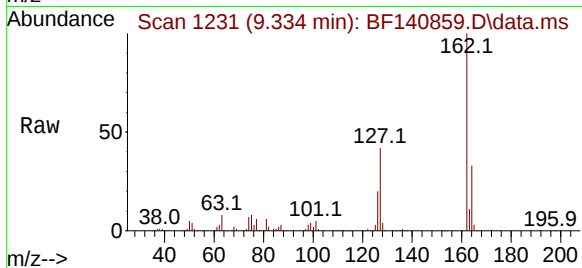
Tgt Ion:162 Resp: 419357

Ion Ratio Lower Upper

162 100

127 41.9 33.5 50.3

164 32.7 26.2 39.2



#48

2-Nitroaniline

Concen: 38.984 ng

RT: 9.434 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

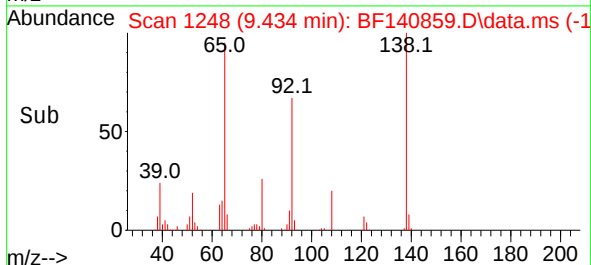
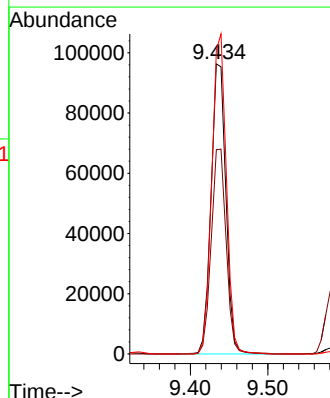
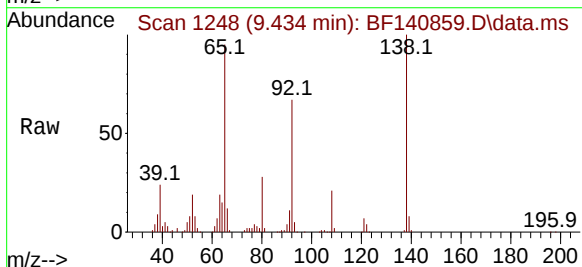
Tgt Ion: 65 Resp: 128421

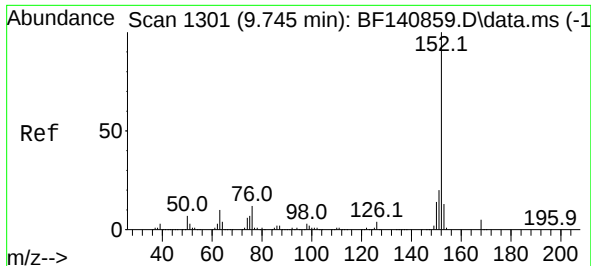
Ion Ratio Lower Upper

65 100

92 70.4 56.3 84.5

138 104.7 83.8 125.6





#49

Acenaphthylene

Concen: 38.790 ng

RT: 9.745 min Scan# 1301

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

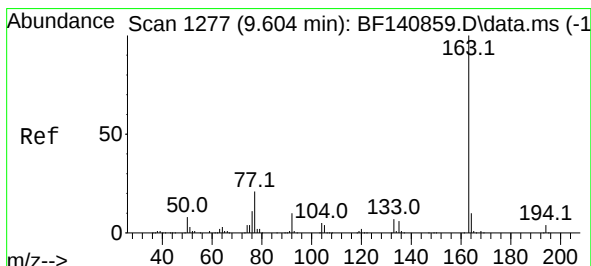
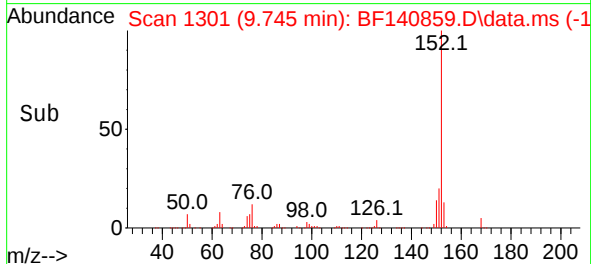
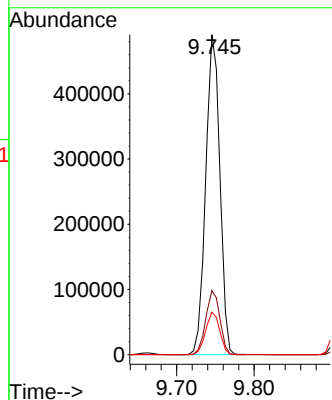
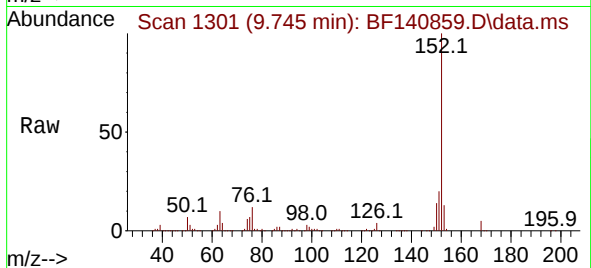
Tgt Ion:152 Resp: 621763

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 38.566 ng

RT: 9.604 min Scan# 1277

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

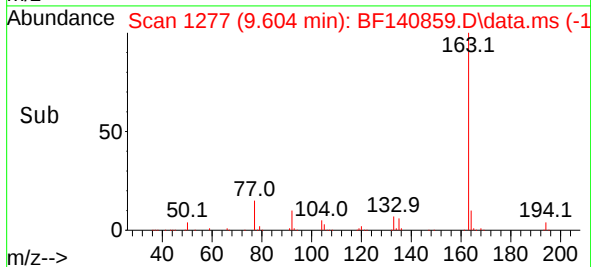
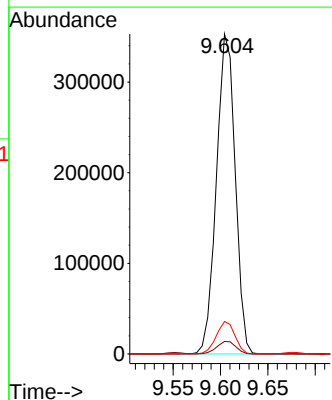
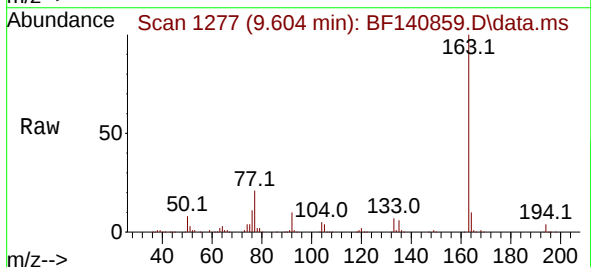
Tgt Ion:163 Resp: 487517

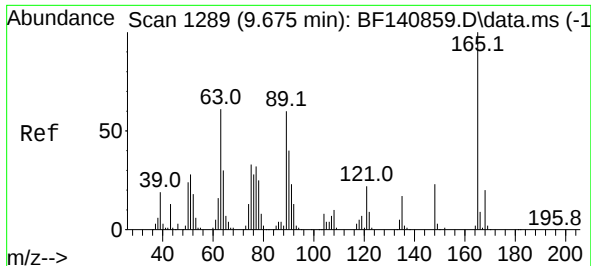
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 8.1 12.1

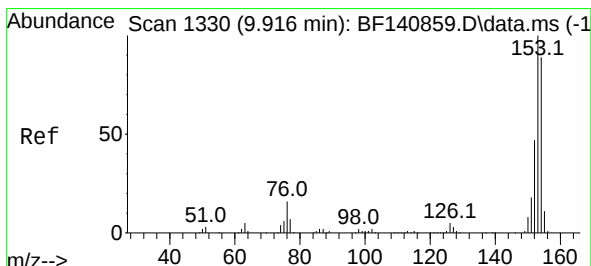
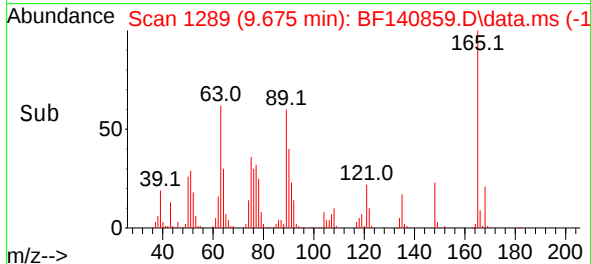
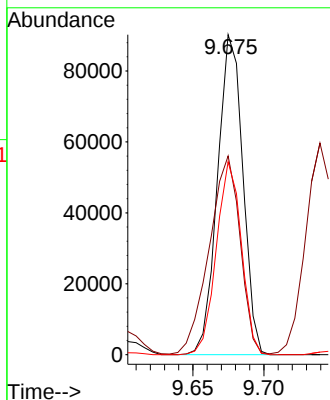
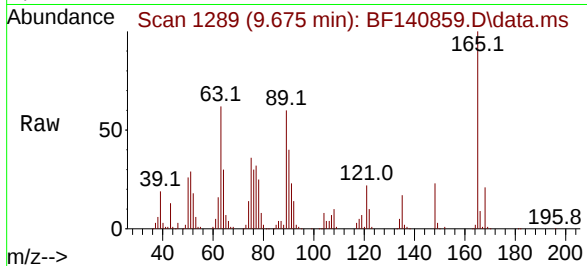




#51
2,6-Dinitrotoluene
Concen: 38.752 ng
RT: 9.675 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

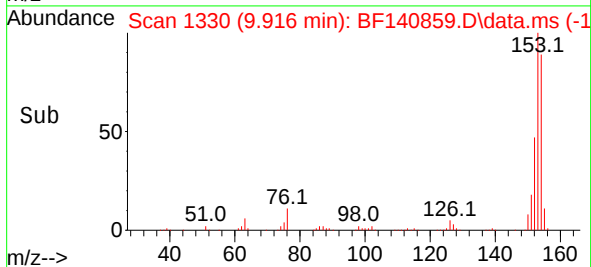
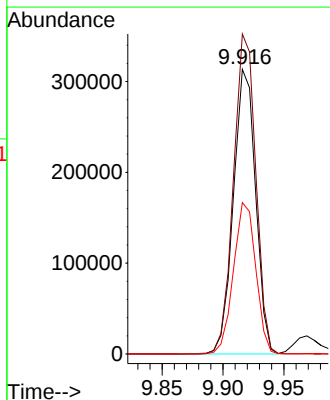
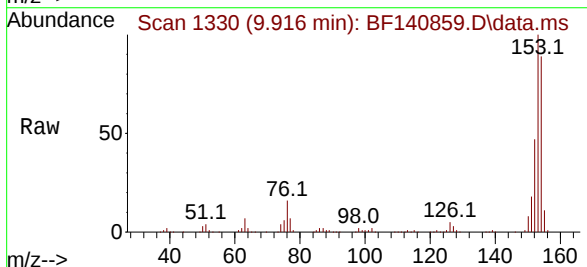
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

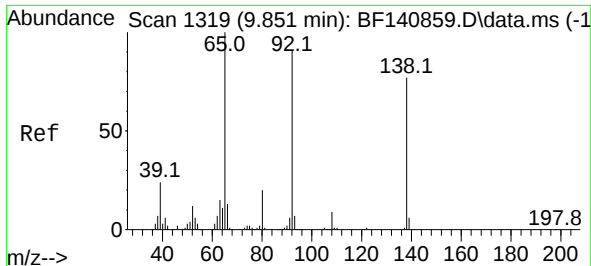
Tgt Ion:165 Resp: 111990
Ion Ratio Lower Upper
165 100
63 62.1 49.7 74.5
89 60.3 48.2 72.4



#52
Acenaphthene
Concen: 38.965 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:154 Resp: 398965
Ion Ratio Lower Upper
154 100
153 112.4 89.9 134.9
152 53.2 42.6 63.8





#53

3-Nitroaniline

Concen: 39.481 ng

RT: 9.851 min Scan# 1319

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

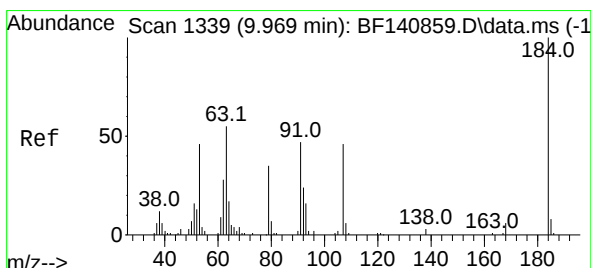
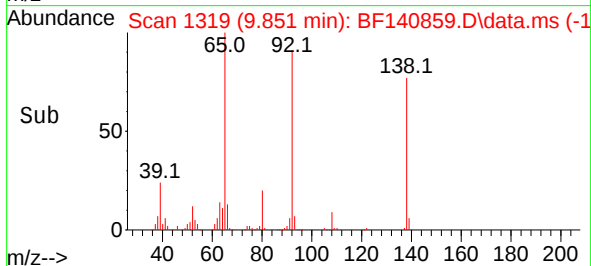
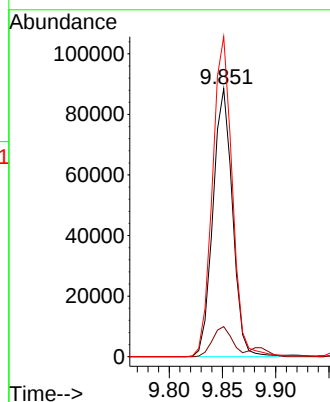
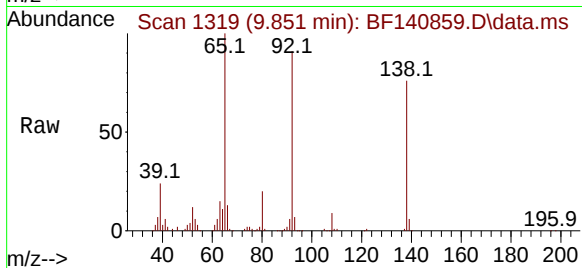
Tgt Ion:138 Resp: 113227

Ion Ratio Lower Upper

138 100

108 11.2 9.0 13.4

92 119.4 95.5 143.3



#54

2,4-Dinitrophenol

Concen: 37.788 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

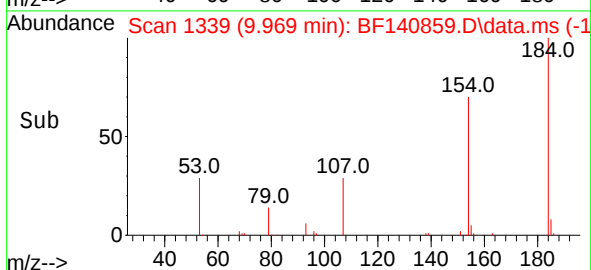
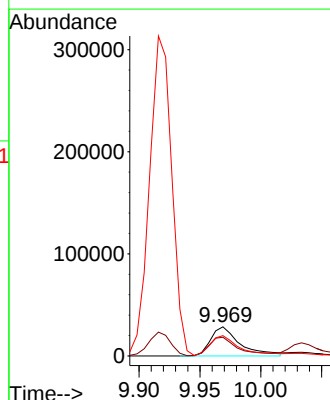
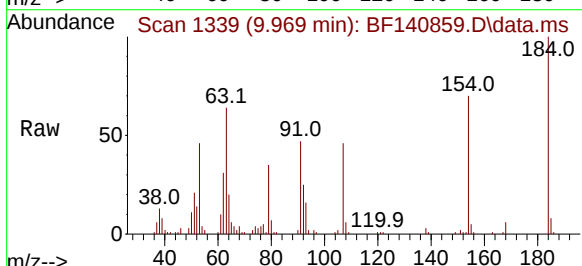
Tgt Ion:184 Resp: 47982

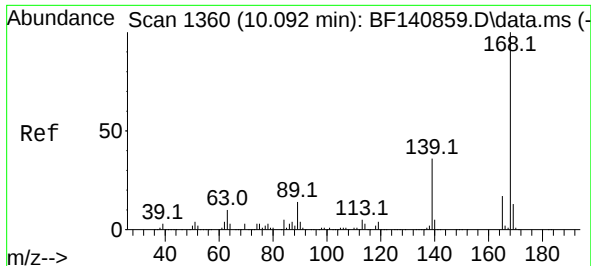
Ion Ratio Lower Upper

184 100

63 64.5 51.6 77.4

154 70.1 56.1 84.1





#55

Dibenzenofuran

Concen: 39.066 ng

RT: 10.092 min Scan# 1360

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

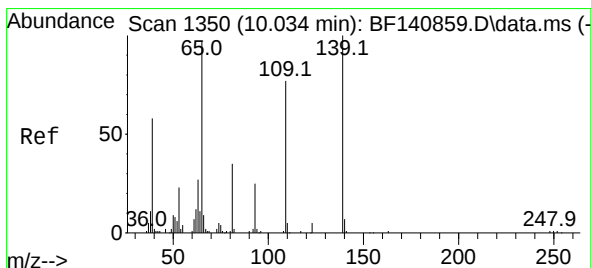
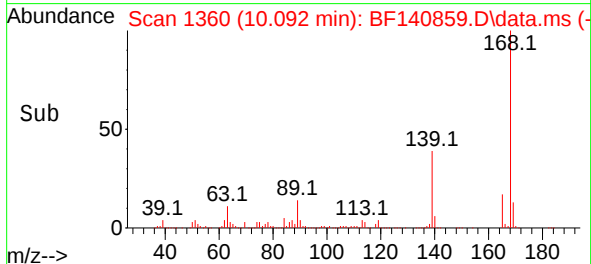
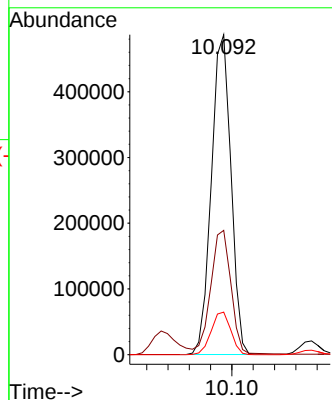
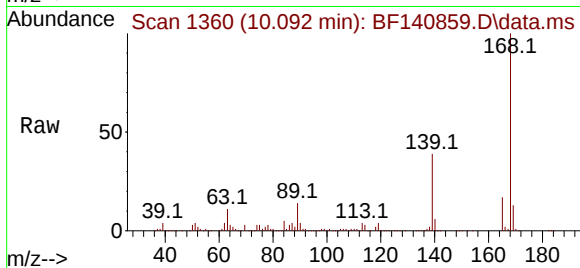
Tgt Ion:168 Resp: 619833

Ion Ratio Lower Upper

168 100

139 38.9 31.1 46.7

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 40.590 ng

RT: 10.034 min Scan# 1350

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

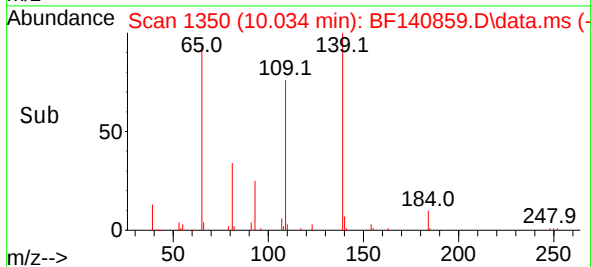
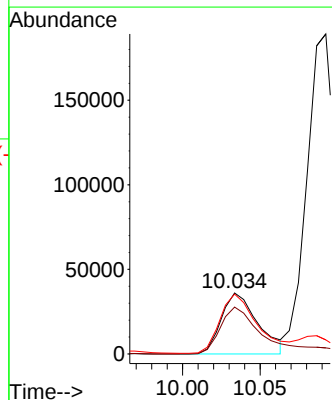
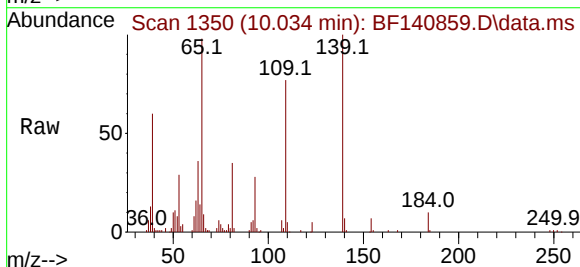
Tgt Ion:139 Resp: 59043

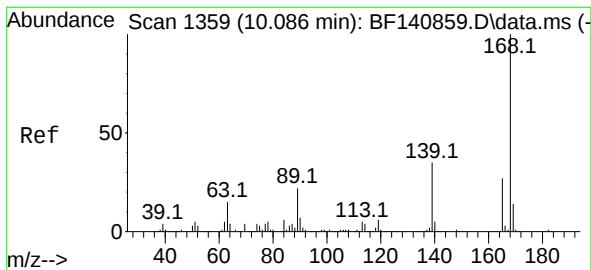
Ion Ratio Lower Upper

139 100

109 76.7 56.7 96.7

65 98.1 78.1 118.1

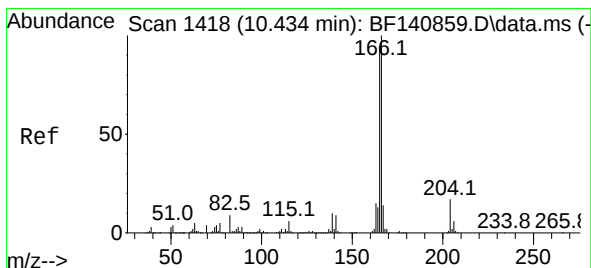
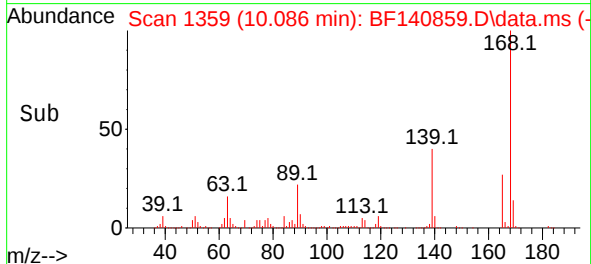
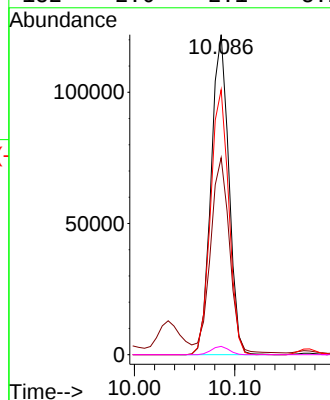
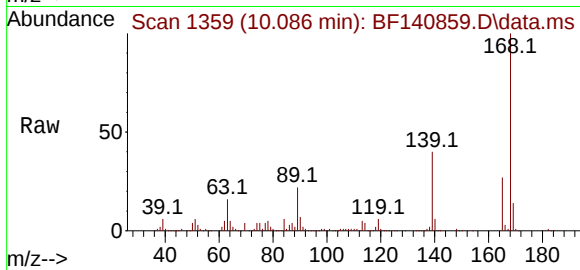




#57
2,4-Dinitrotoluene
Concen: 39.502 ng
RT: 10.086 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

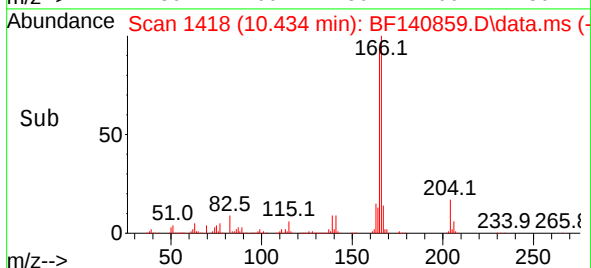
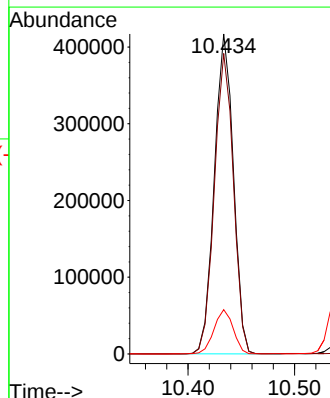
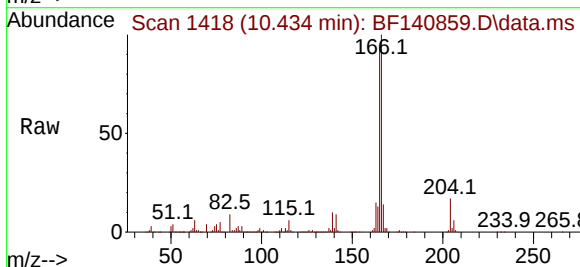
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

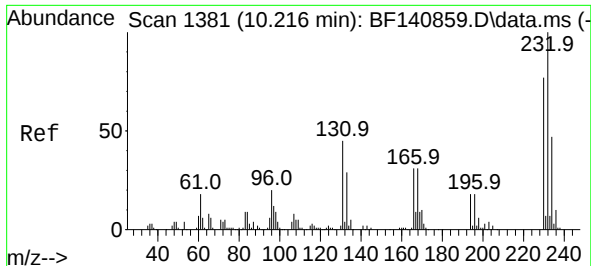
Tgt Ion:165 Resp: 150199
Ion Ratio Lower Upper
165 100
63 61.6 49.3 73.9
89 82.8 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 39.568 ng
RT: 10.434 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:166 Resp: 517920
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.9 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.028 ng

RT: 10.216 min Scan# 1381

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:232 Resp: 127023

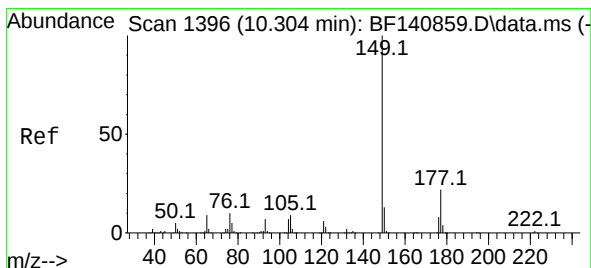
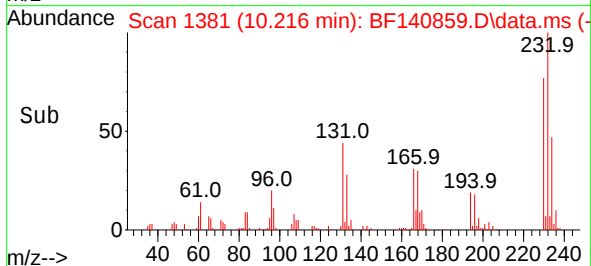
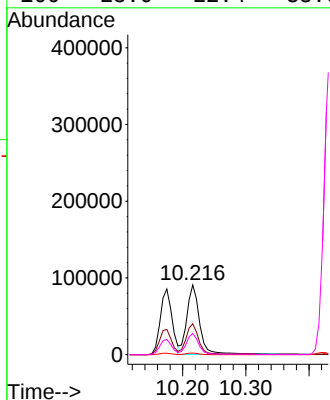
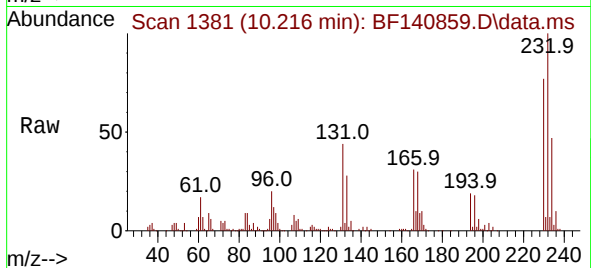
Ion Ratio Lower Upper

232 100

131 43.9 35.1 52.7

130 2.3 1.8 2.8

166 28.0 22.4 33.6



#60

Diethylphthalate

Concen: 39.375 ng

RT: 10.304 min Scan# 1396

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

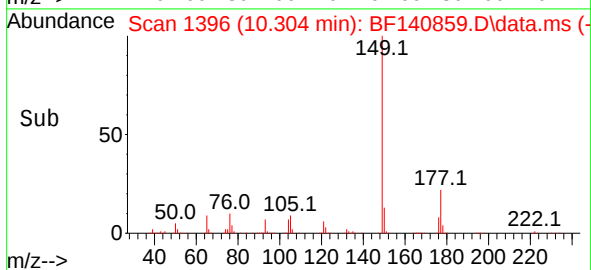
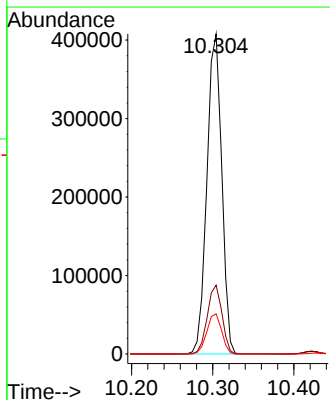
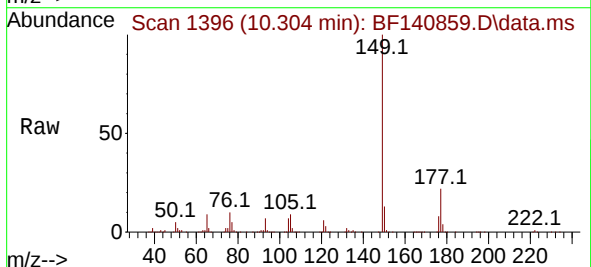
Tgt Ion:149 Resp: 516146

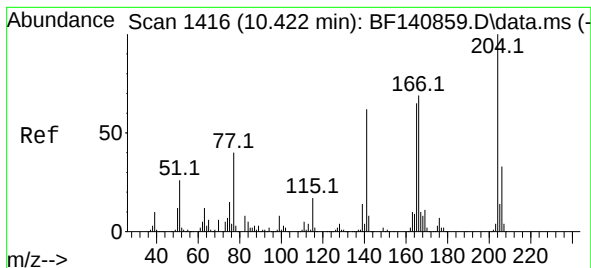
Ion Ratio Lower Upper

149 100

177 21.5 17.2 25.8

150 12.6 10.1 15.1

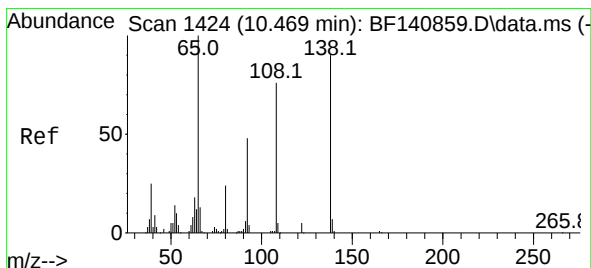
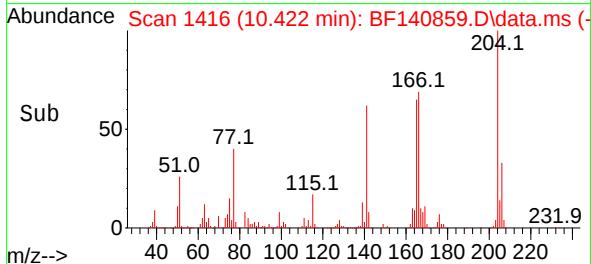
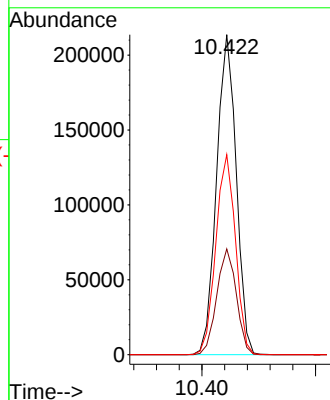
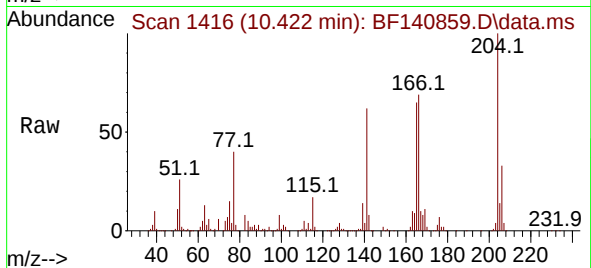




#61
4-Chlorophenyl-phenylether
Concen: 39.062 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

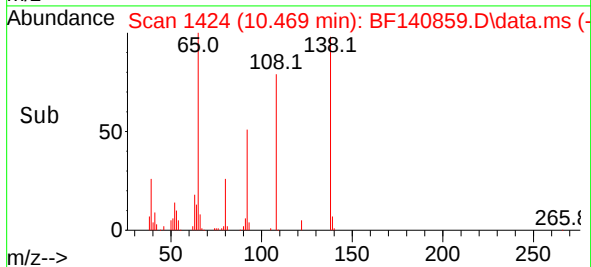
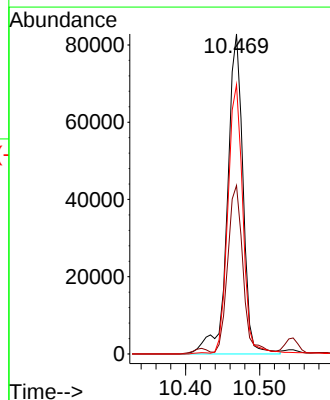
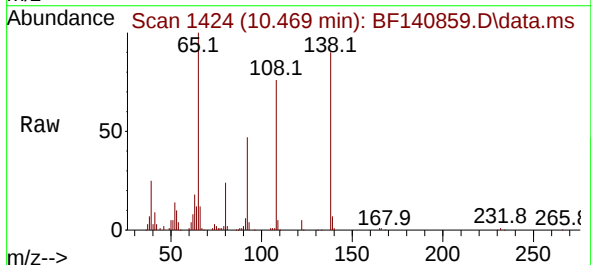
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

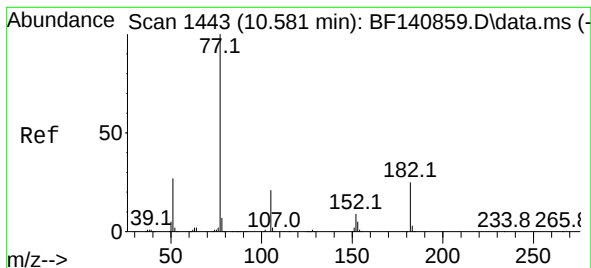
Tgt Ion:204 Resp: 256836
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 62.5 50.0 75.0



#62
4-Nitroaniline
Concen: 40.423 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:138 Resp: 121143
Ion Ratio Lower Upper
138 100
92 52.6 32.6 72.6
108 84.1 64.1 104.1





#63

Azobenzene

Concen: 39.821 ng

RT: 10.581 min Scan# 1443

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 77 Resp: 490731

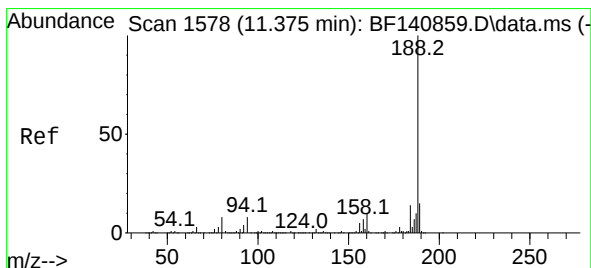
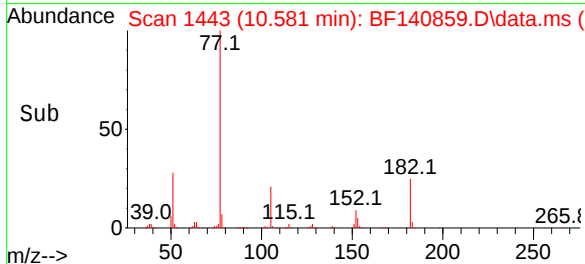
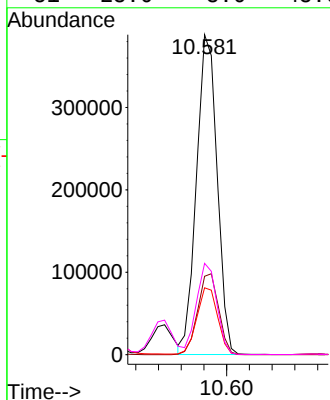
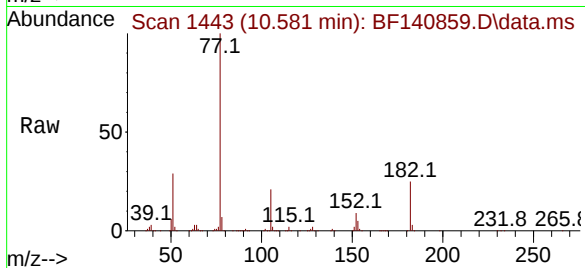
Ion Ratio Lower Upper

77 100

182 24.5 4.5 44.5

105 20.9 0.9 40.9

51 28.6 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: BF140859.D

Acq: 16 Dec 2024 14:26

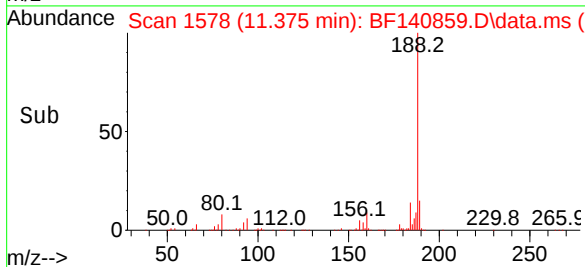
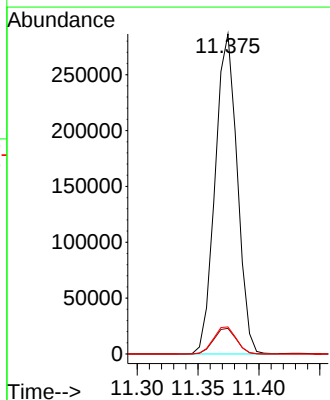
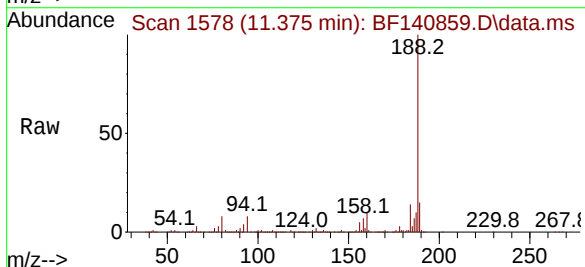
Tgt Ion: 188 Resp: 361848

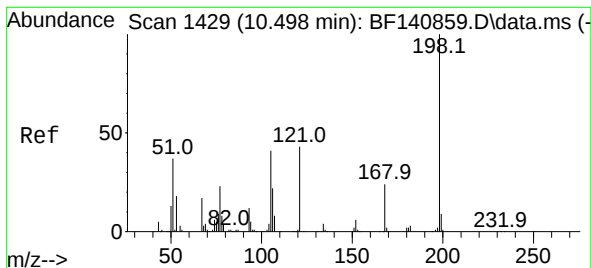
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 8.5 6.8 10.2

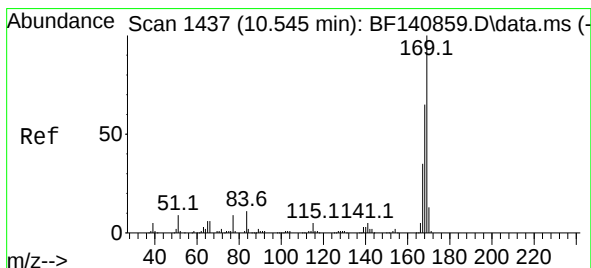
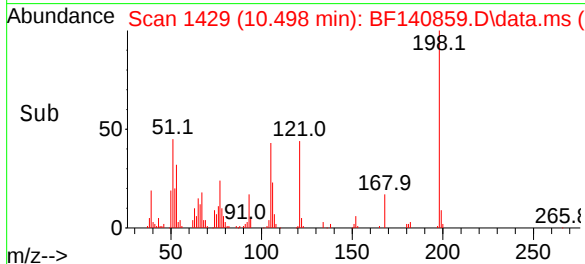
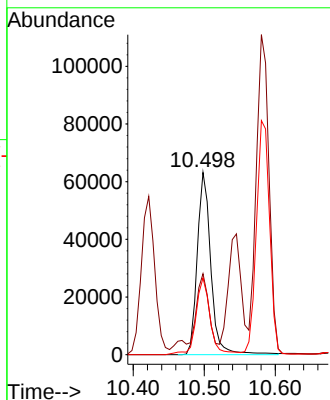
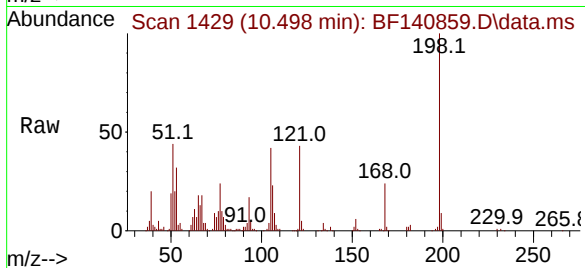




#65
4,6-Dinitro-2-methylphenol
Concen: 41.148 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

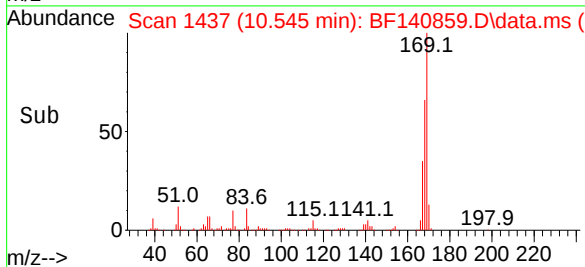
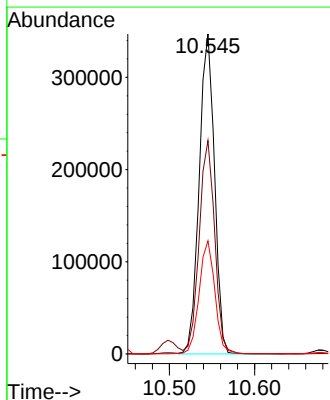
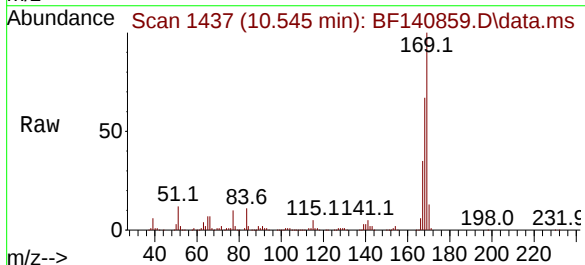
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

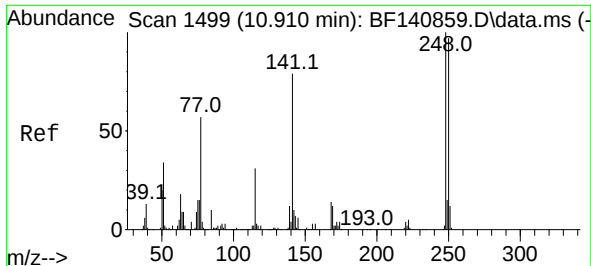
Tgt Ion:198 Resp: 84370
Ion Ratio Lower Upper
198 100
51 44.4 24.4 64.4
105 42.1 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 38.947 ng
RT: 10.545 min Scan# 1437
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:169 Resp: 433296
Ion Ratio Lower Upper
169 100
168 66.7 53.4 80.0
167 35.4 28.3 42.5





#67

4-Bromophenyl-phenylether

Concen: 39.307 ng

RT: 10.910 min Scan# 1499

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

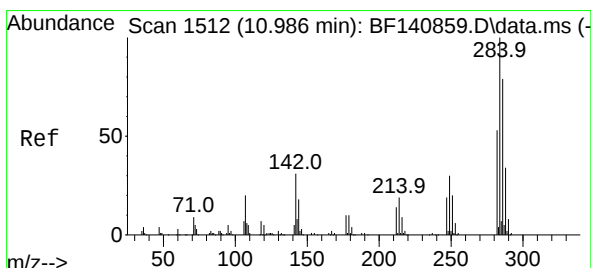
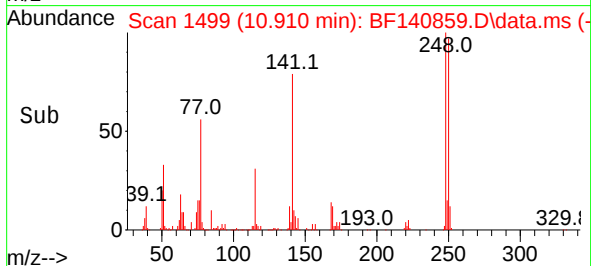
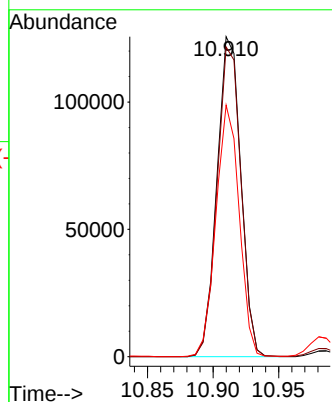
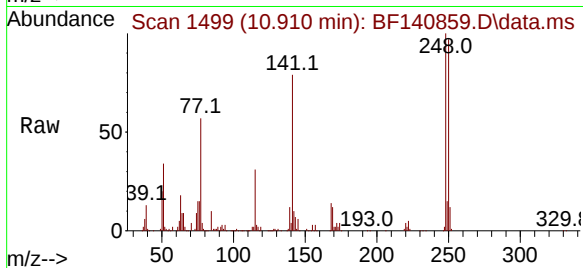
Tgt Ion:248 Resp: 159117

Ion Ratio Lower Upper

248 100

250 96.8 77.4 116.2

141 78.6 62.9 94.3



#68

Hexachlorobenzene

Concen: 38.742 ng

RT: 10.986 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

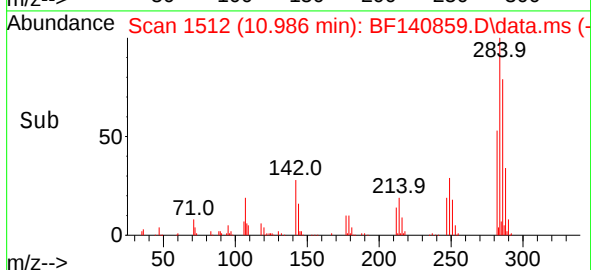
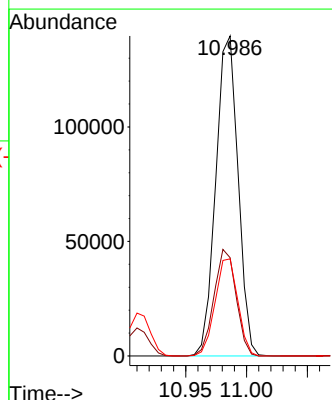
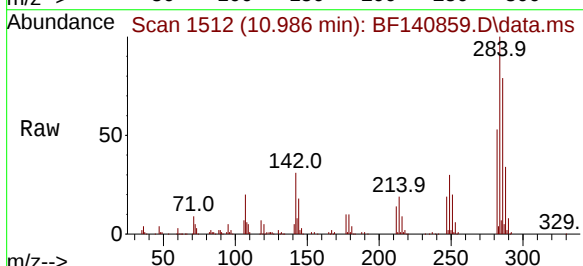
Tgt Ion:284 Resp: 177811

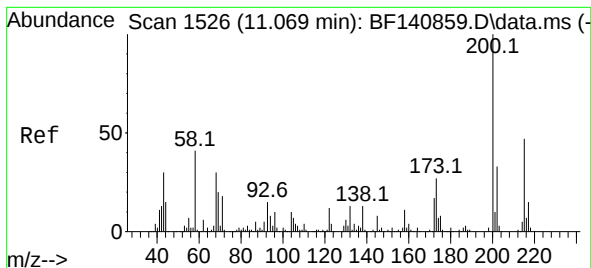
Ion Ratio Lower Upper

284 100

142 30.7 24.6 36.8

249 30.4 24.3 36.5





#69

Atrazine

Concen: 39.101 ng

RT: 11.069 min Scan# 1526

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

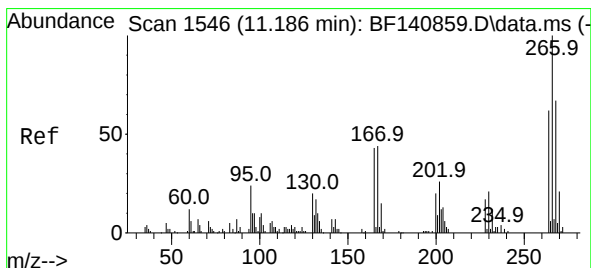
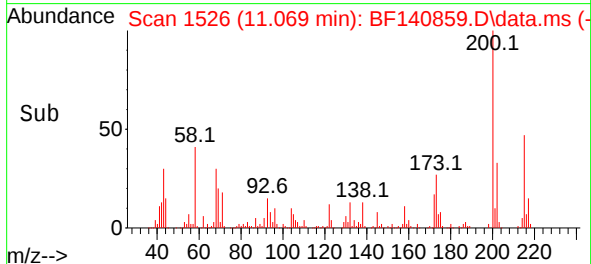
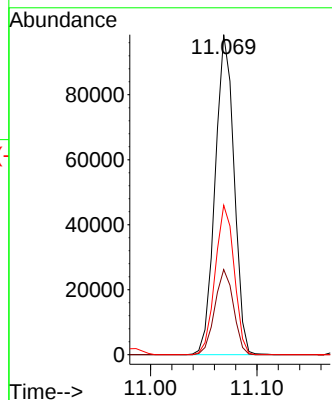
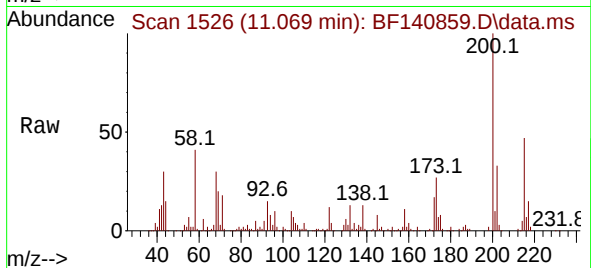
Tgt Ion:200 Resp: 121493

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

215 46.7 26.7 66.7



#70

Pentachlorophenol

Concen: 42.072 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

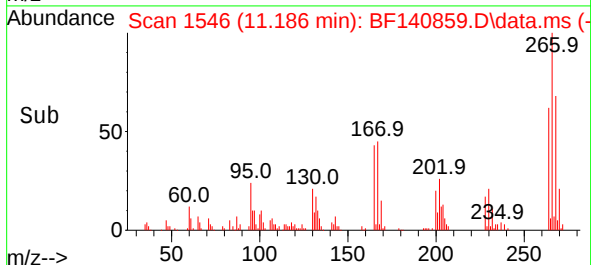
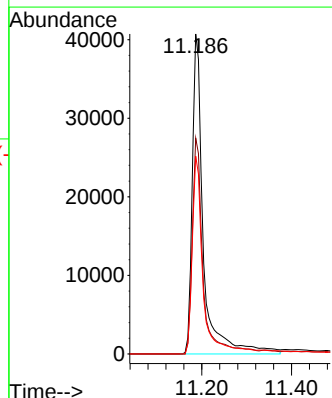
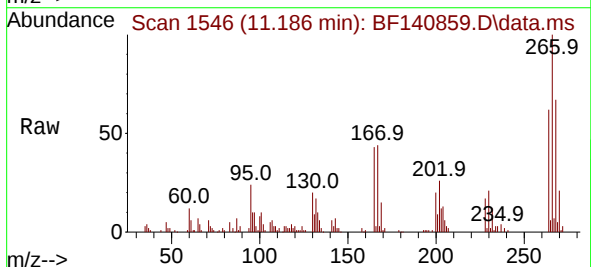
Tgt Ion:266 Resp: 70638

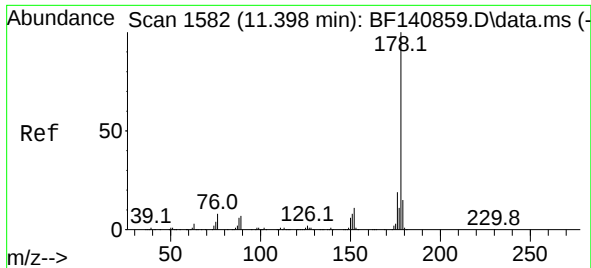
Ion Ratio Lower Upper

266 100

268 67.5 54.0 81.0

264 61.8 49.4 74.2

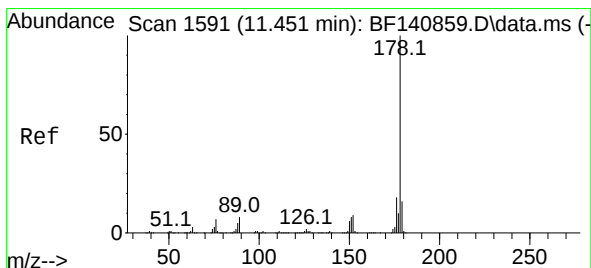
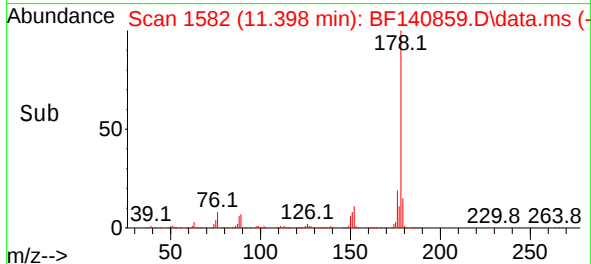
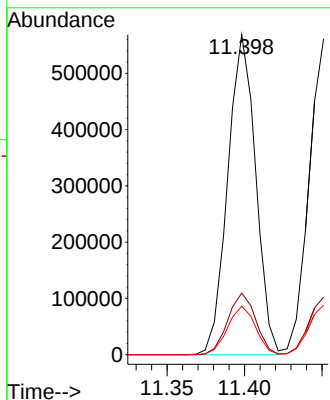
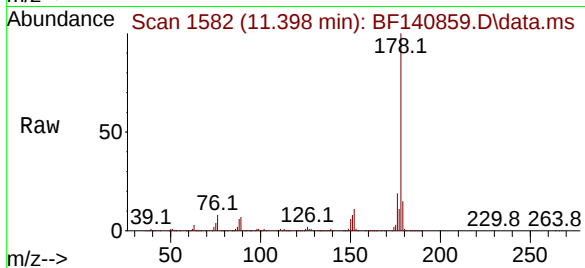




#71
Phenanthrene
Concen: 38.248 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

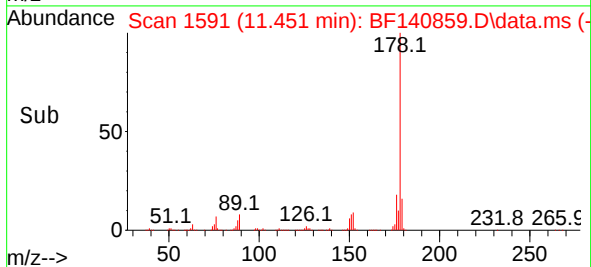
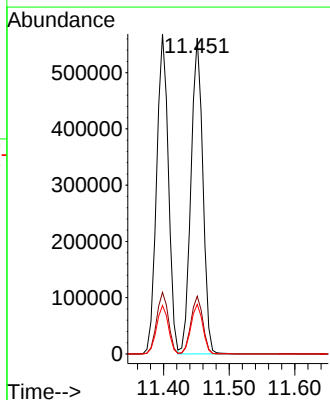
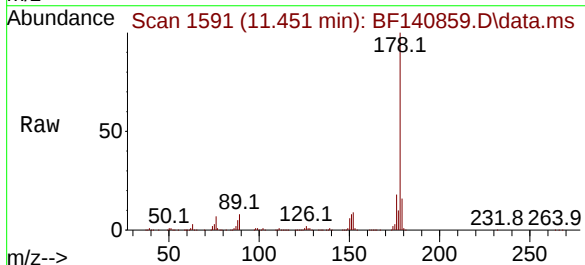
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

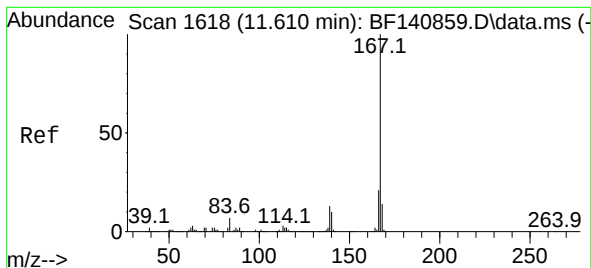
Tgt Ion:178 Resp: 711714
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 15.1 12.1 18.1



#72
Anthracene
Concen: 38.326 ng
RT: 11.451 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:178 Resp: 702321
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.7 12.6 18.8





#73

Carbazole

Concen: 38.392 ng

RT: 11.610 min Scan# 1618

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

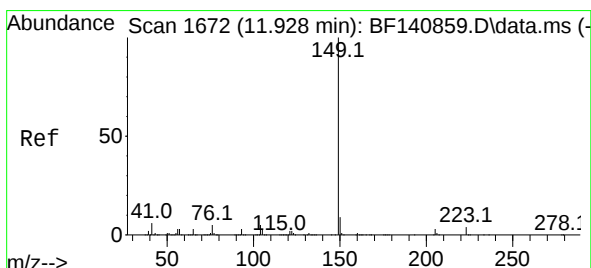
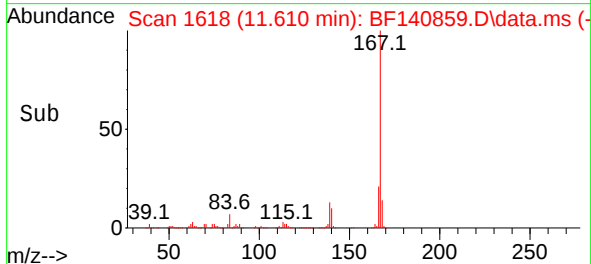
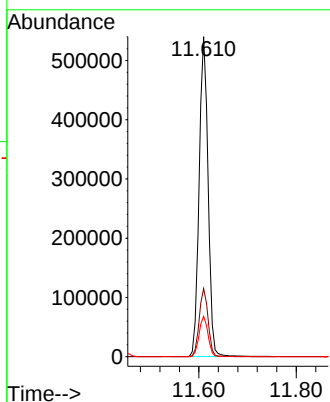
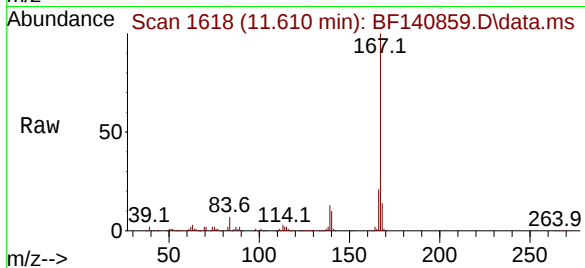
Tgt Ion:167 Resp: 689096

Ion Ratio Lower Upper

167 100

166 21.3 17.0 25.6

139 12.7 10.2 15.2



#74

Di-n-butylphthalate

Concen: 38.782 ng

RT: 11.928 min Scan# 1672

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

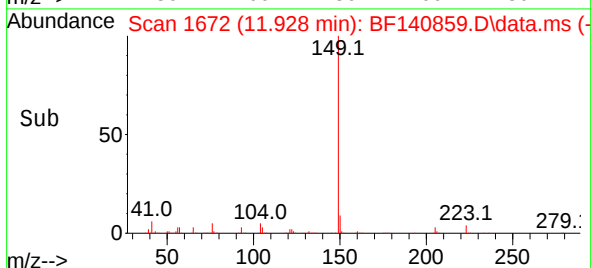
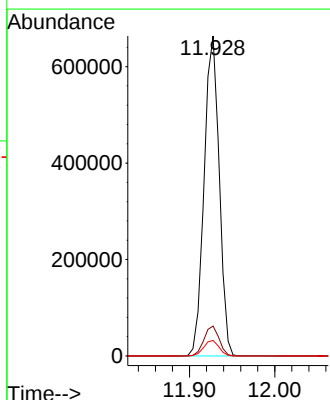
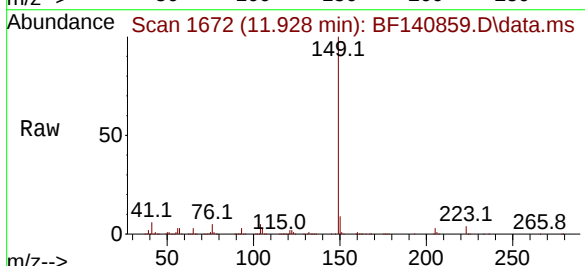
Tgt Ion:149 Resp: 816942

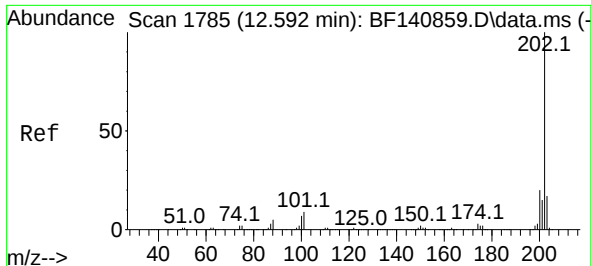
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.8 3.8 5.8

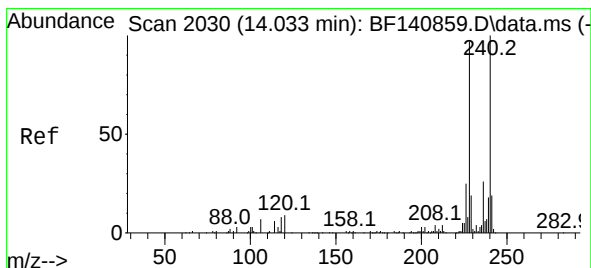
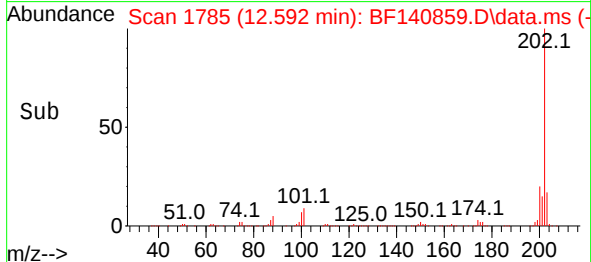
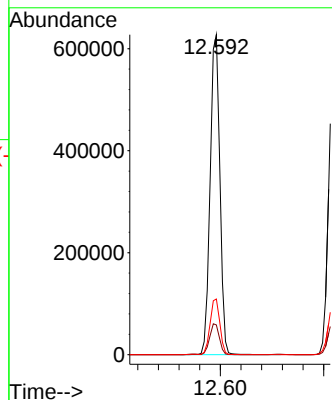
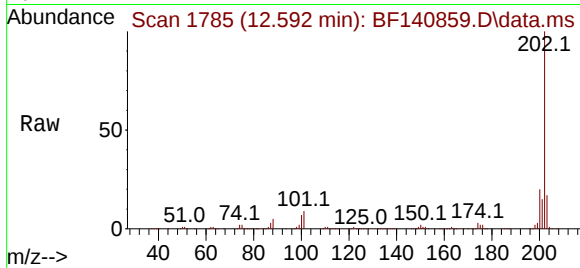




#75
Fluoranthene
Concen: 38.159 ng
RT: 12.592 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

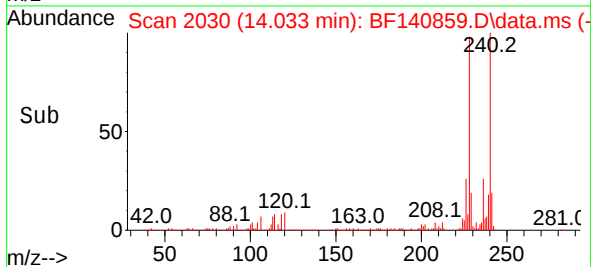
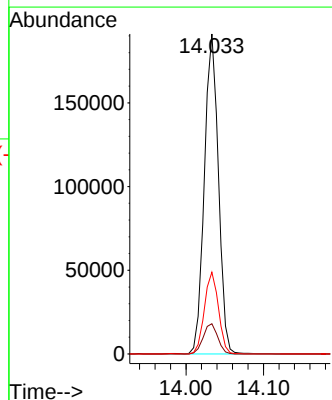
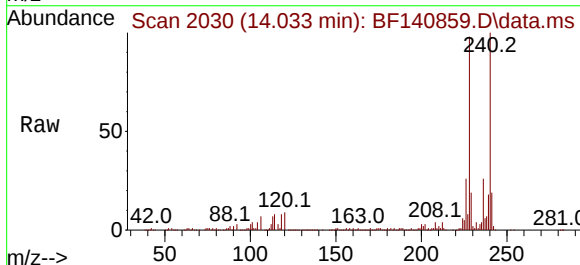
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

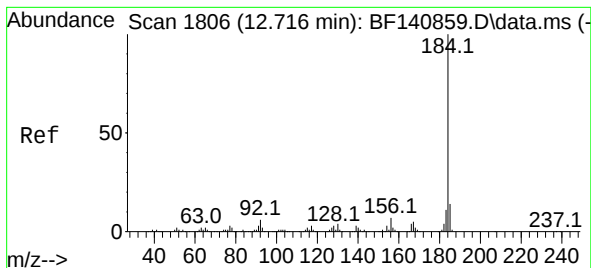
Tgt Ion:202 Resp: 817749
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.3
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:240 Resp: 241027
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.6 20.5 30.7





#77

Benzidine

Concen: 39.598 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

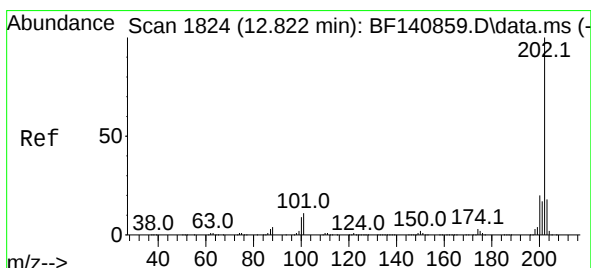
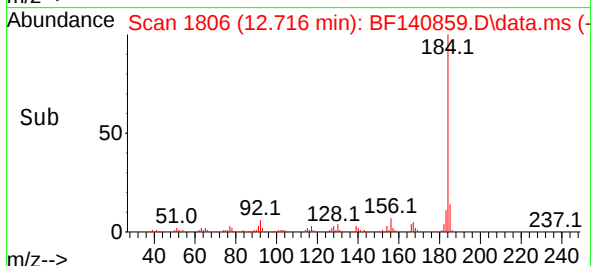
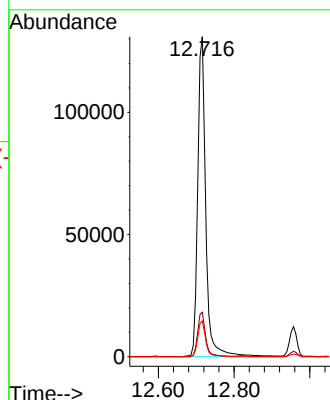
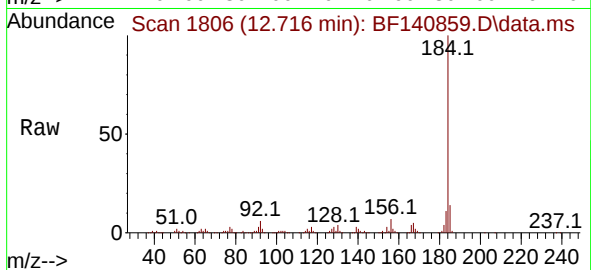
Tgt Ion:184 Resp: 194791

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.2 9.0 13.4



#78

Pyrene

Concen: 38.208 ng

RT: 12.822 min Scan# 1824

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

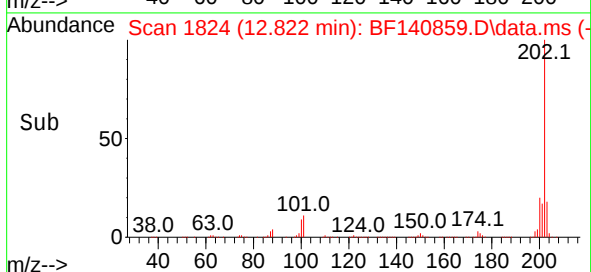
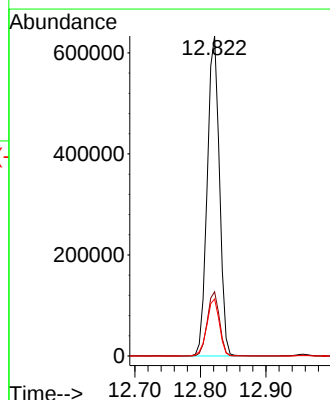
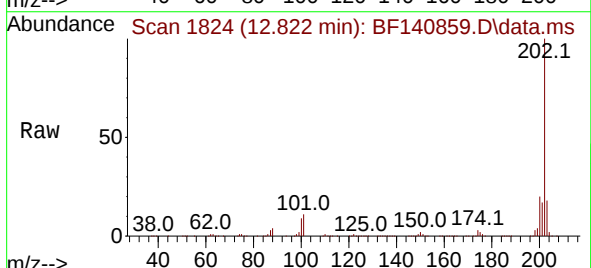
Tgt Ion:202 Resp: 818937

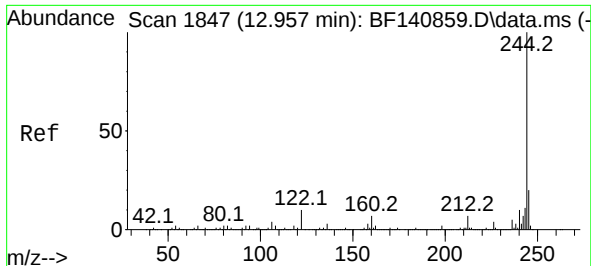
Ion Ratio Lower Upper

202 100

200 20.1 16.1 24.1

203 17.8 14.2 21.4

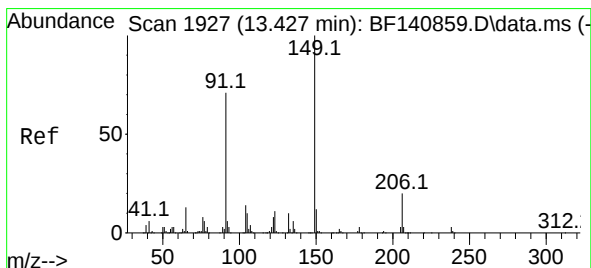
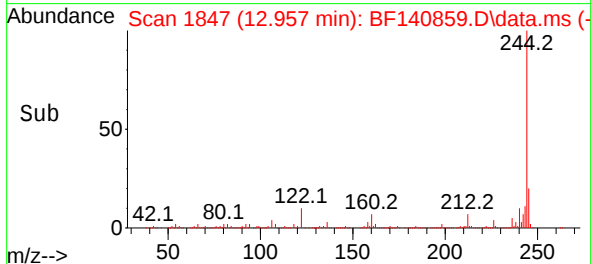
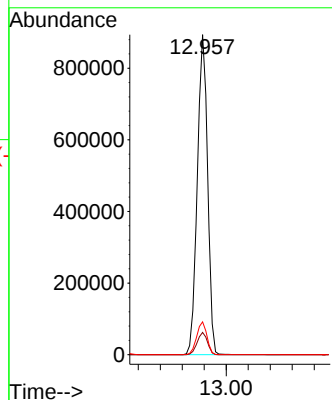
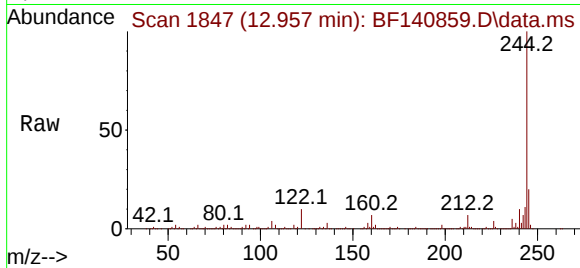




#79
 Terphenyl-d14
 Concen: 76.093 ng
 RT: 12.957 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140859.D
 Acq: 16 Dec 2024 14:26

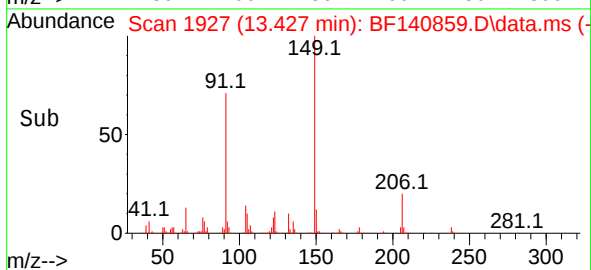
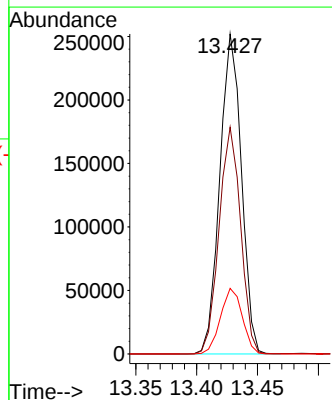
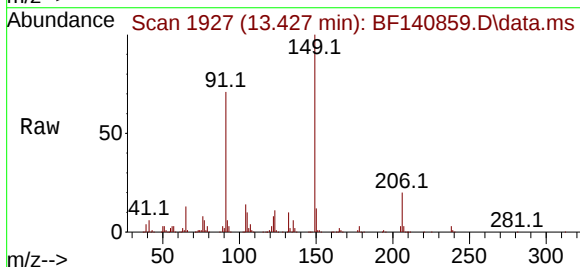
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

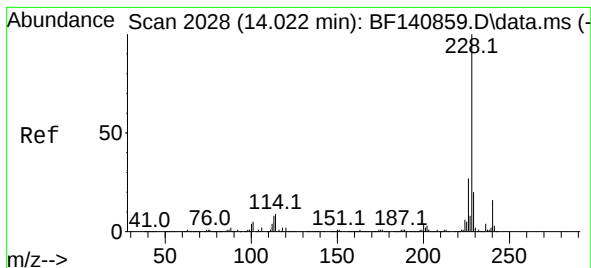
Tgt Ion:244 Resp: 1163098
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 39.493 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: BF140859.D
 Acq: 16 Dec 2024 14:26

Tgt Ion:149 Resp: 311465
 Ion Ratio Lower Upper
 149 100
 91 70.9 56.7 85.1
 206 20.5 16.4 24.6





#81

Benzo(a)anthracene

Concen: 38.340 ng

RT: 14.022 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

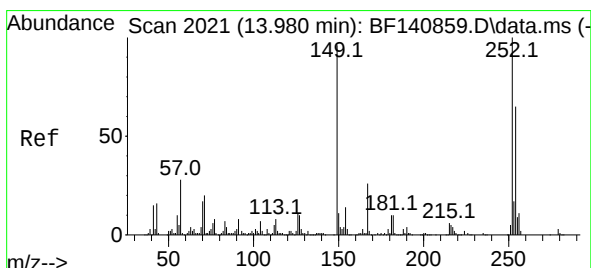
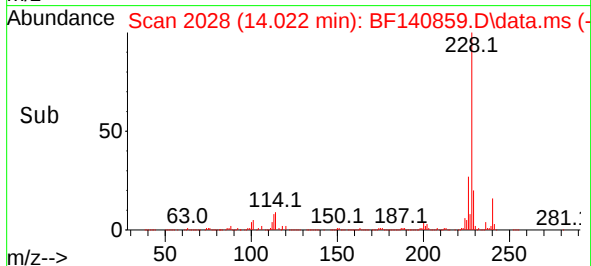
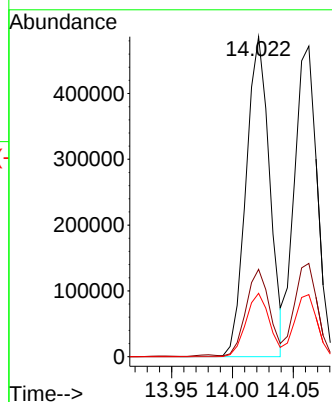
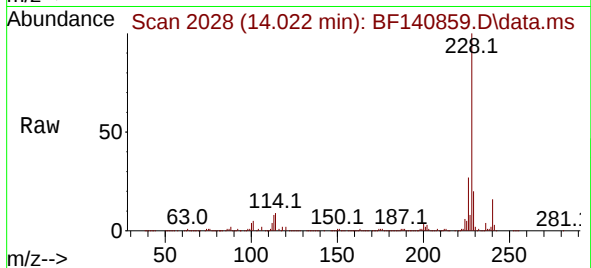
Tgt Ion:228 Resp: 654937

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 38.511 ng

RT: 13.980 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

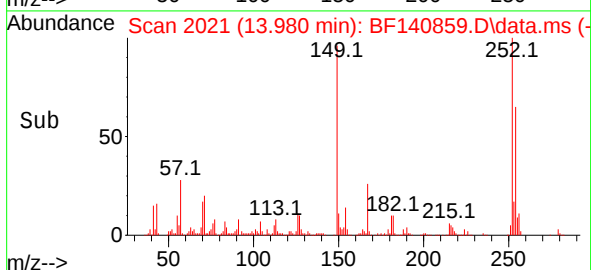
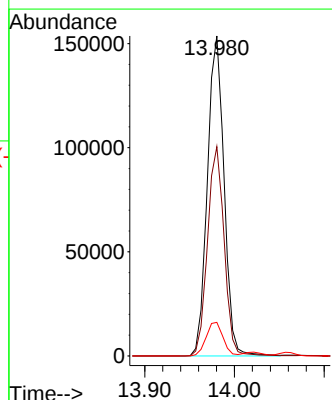
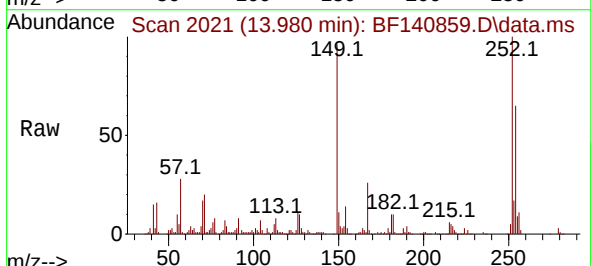
Tgt Ion:252 Resp: 198481

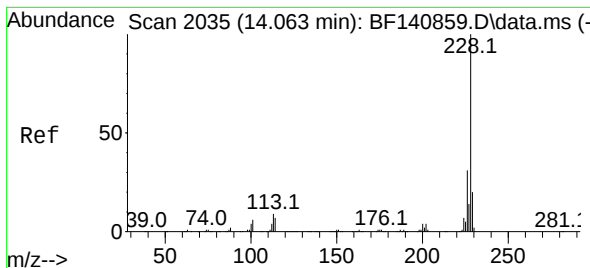
Ion Ratio Lower Upper

252 100

254 65.4 52.3 78.5

126 10.5 8.4 12.6





#83

Chrysene

Concen: 39.430 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

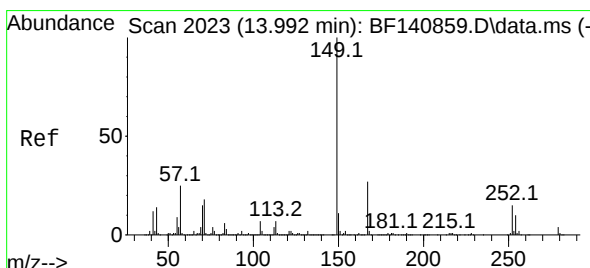
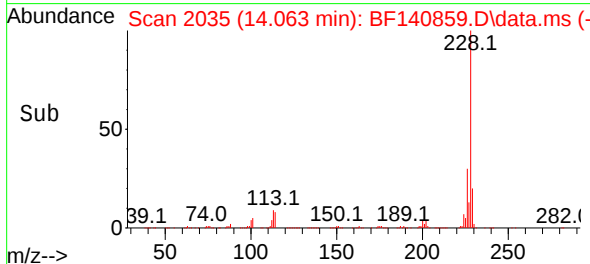
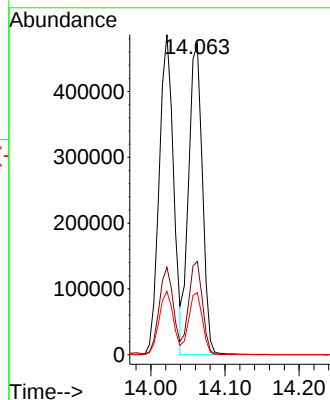
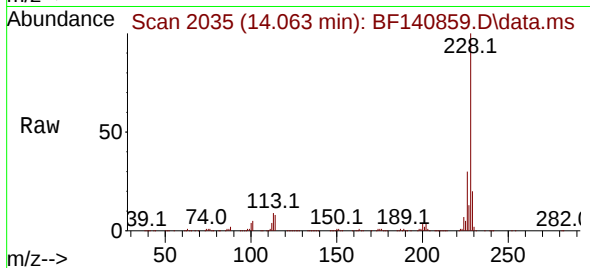
Tgt Ion:228 Resp: 612484

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.939 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

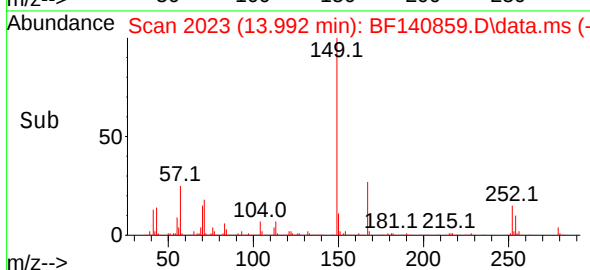
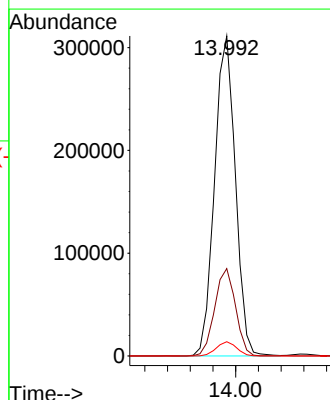
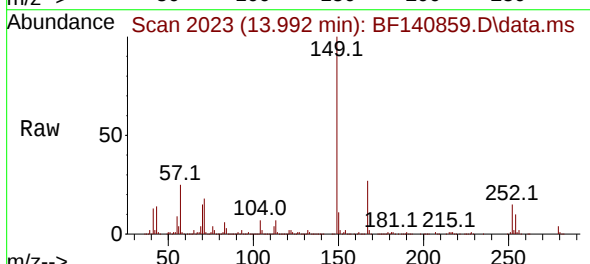
Tgt Ion:149 Resp: 395970

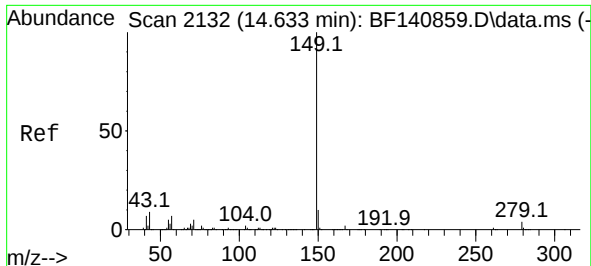
Ion Ratio Lower Upper

149 100

167 27.3 21.8 32.8

279 4.4 3.5 5.3

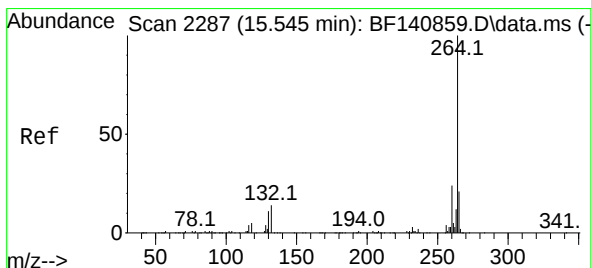
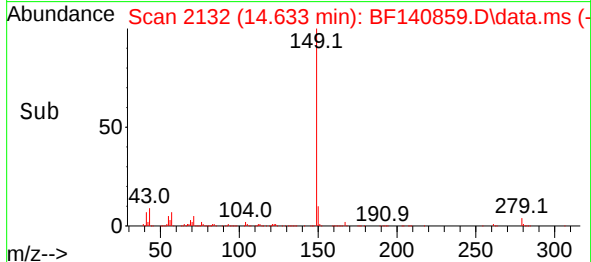
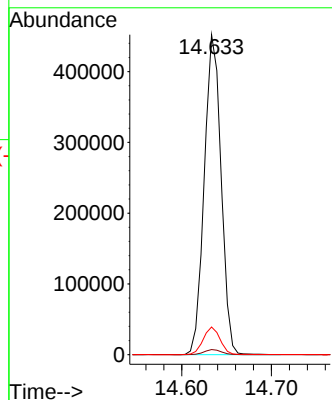
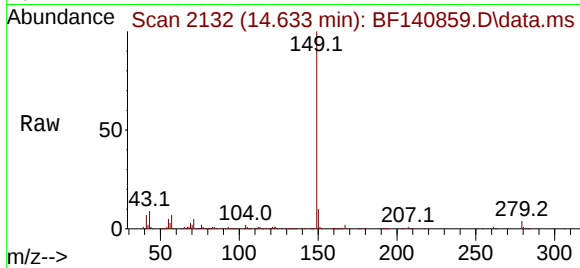




#85
Di-n-octyl phthalate
Concen: 38.326 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

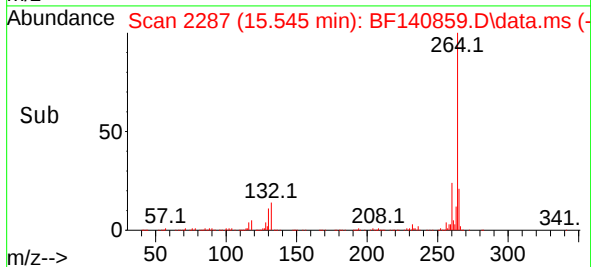
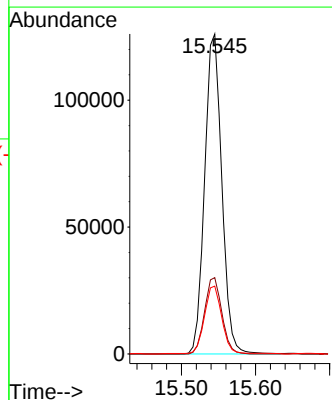
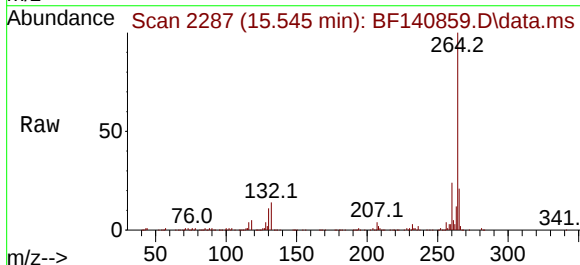
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

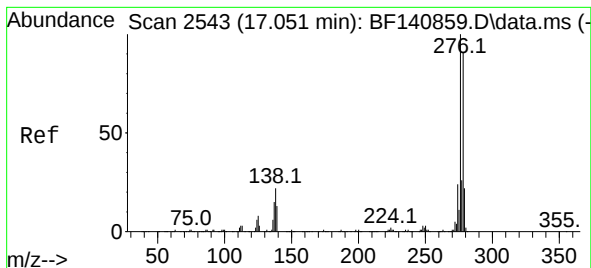
Tgt Ion:149 Resp: 589634
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.8 7.0 10.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF140859.D
Acq: 16 Dec 2024 14:26

Tgt Ion:264 Resp: 202727
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 21.2 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.662 ng

RT: 17.051 min Scan# 2543

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

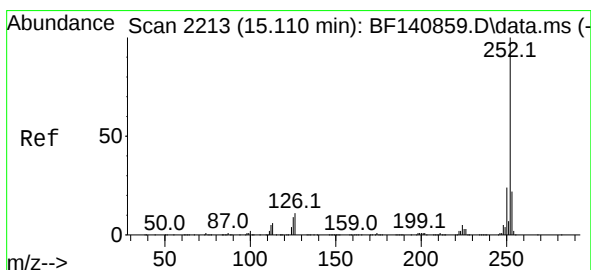
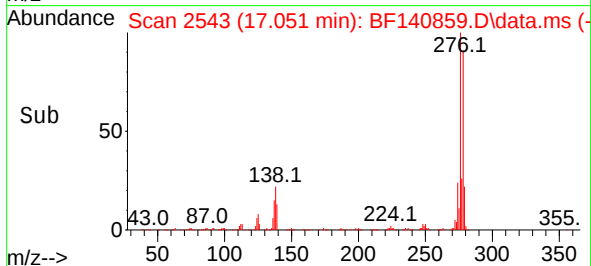
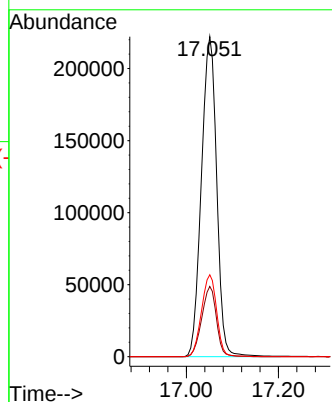
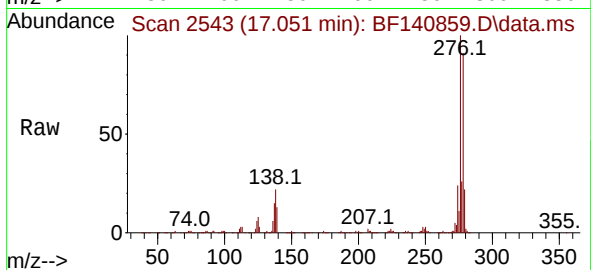
Tgt Ion:276 Resp: 514416

Ion Ratio Lower Upper

276 100

138 21.1 16.9 25.3

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 37.283 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

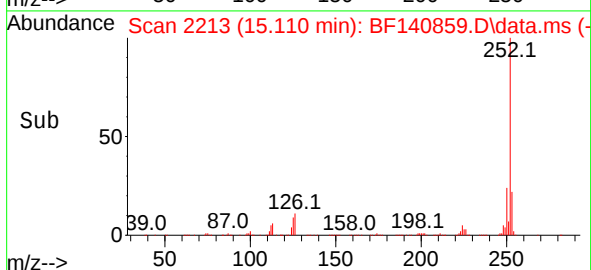
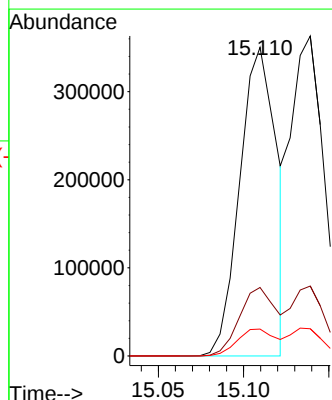
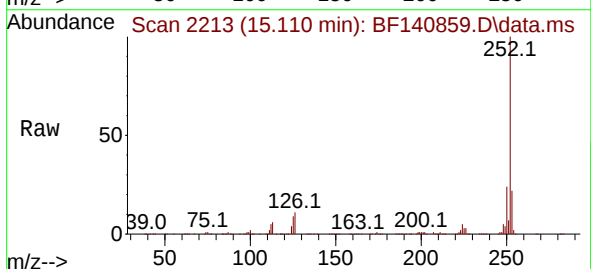
Tgt Ion:252 Resp: 524660

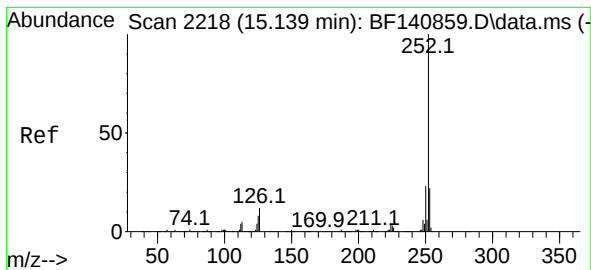
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 41.115 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

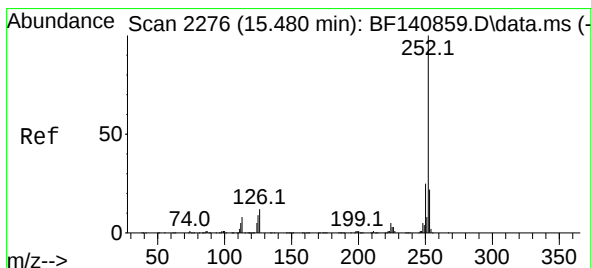
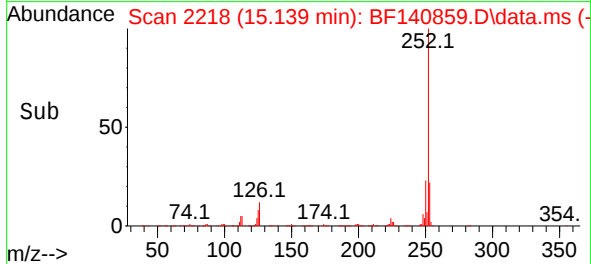
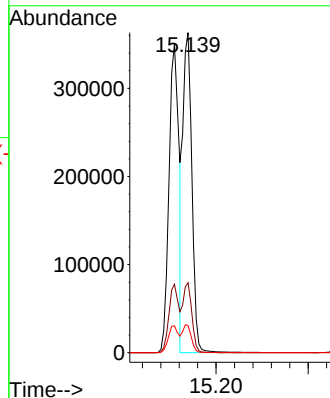
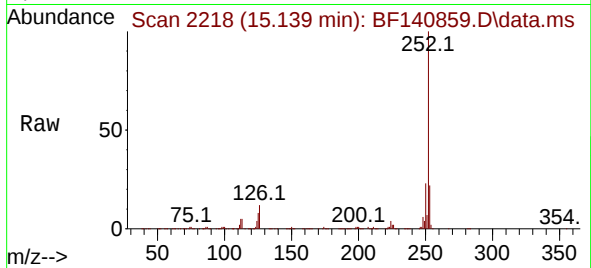
Tgt Ion:252 Resp: 496310

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.5 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.478 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

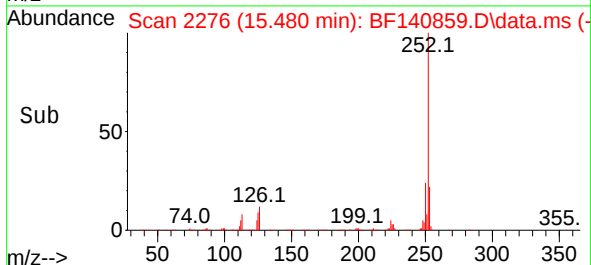
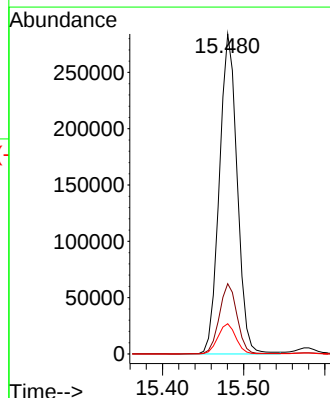
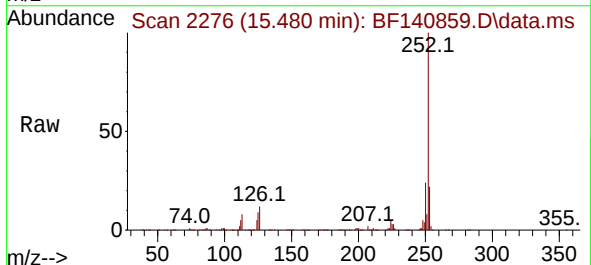
Tgt Ion:252 Resp: 435015

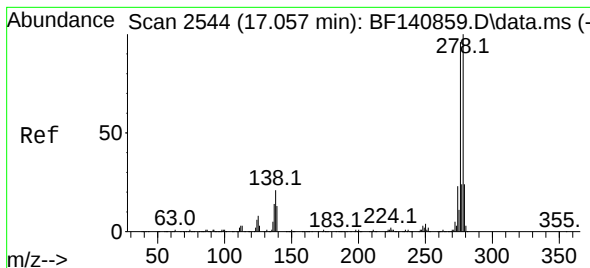
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 9.4 7.5 11.3





#91

Dibenzo(a,h)anthracene

Concen: 40.931 ng

RT: 17.057 min Scan# 2544

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

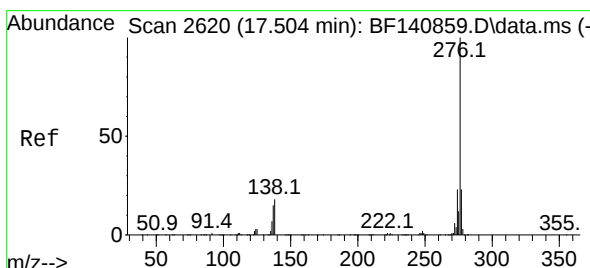
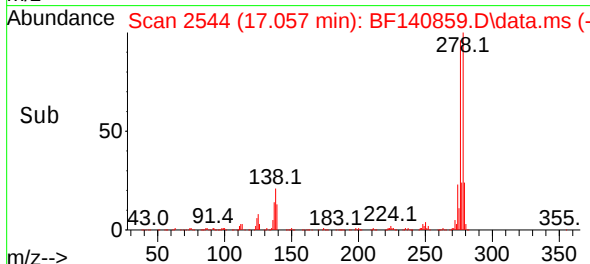
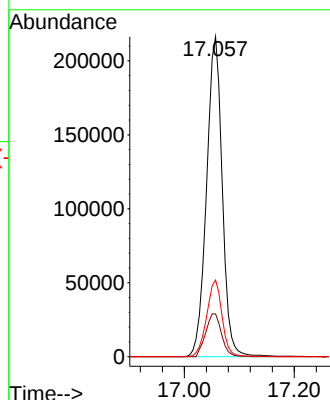
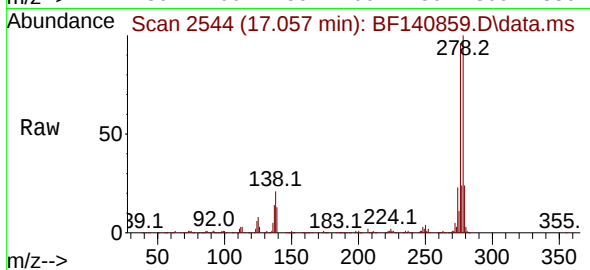
Tgt Ion:278 Resp: 428983

Ion Ratio Lower Upper

278 100

139 13.3 10.6 16.0

279 24.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 40.771 ng

RT: 17.504 min Scan# 2620

Delta R.T. 0.000 min

Lab File: BF140859.D

Acq: 16 Dec 2024 14:26

Tgt Ion:276 Resp: 434898

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 17.7 14.2 21.2

