

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121624\
 Data File : BF140863.D
 Acq On : 16 Dec 2024 16:41
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

Quant Time: Dec 16 17:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88035	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	361248	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	202013	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	381984	20.000	ng	0.00
76) Chrysene-d12	14.021	240	236413	20.000	ng	-0.01
86) Perylene-d12	15.504	264	217277	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	407420	76.184	ng	0.00
7) Phenol-d6	6.498	99	539951	76.229	ng	0.00
23) Nitrobenzene-d5	7.416	82	544482	75.408	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	161969	67.791	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1108356	75.432	ng	0.00
79) Terphenyl-d14	12.957	244	1126061	75.108	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.605	88	74540	32.360	ng	99
3) Pyridine	3.387	79	186082	34.882	ng	99
4) n-Nitrosodimethylamine	3.340	42	91392	33.984	ng	99
6) Aniline	6.516	93	240098	39.644	ng	96
8) 2-Chlorophenol	6.640	128	226045	38.761	ng	95
9) Benzaldehyde	6.404	77	158915	40.491	ng	99
10) Phenol	6.510	94	283984	38.683	ng	100
11) bis(2-Chloroethyl)ether	6.587	93	216280	39.504	ng	100
12) 1,3-Dichlorobenzene	6.787	146	259904	39.111	ng	99
13) 1,4-Dichlorobenzene	6.863	146	268094	39.745	ng	98
14) 1,2-Dichlorobenzene	7.022	146	251561	39.527	ng	98
15) Benzyl Alcohol	6.998	79	201477	39.782	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	264233	40.970	ng	97
17) 2-Methylphenol	7.116	107	187119	40.189	ng	99
18) Hexachloroethane	7.357	117	99360	39.568	ng	100
19) n-Nitroso-di-n-propyla...	7.263	70	169362	39.861	ng	100
20) 3+4-Methylphenols	7.269	107	246929	39.995	ng	98
22) Acetophenone	7.263	105	330166	36.536	ng	99
24) Nitrobenzene	7.434	77	279878	37.836	ng	99
25) Isophorone	7.675	82	462528	38.231	ng	100
26) 2-Nitrophenol	7.751	139	137663	40.407	ng	99
27) 2,4-Dimethylphenol	7.787	122	161001	40.466	ng	100
28) bis(2-Chloroethoxy)met...	7.875	93	304778	40.334	ng	98
29) 2,4-Dichlorophenol	7.998	162	217841	39.658	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	241375	38.332	ng	100
31) Naphthalene	8.151	128	763453	38.473	ng	99
32) Benzoic acid	7.939	122	159806	42.351	ng	99
33) 4-Chloroaniline	8.204	127	248138	37.650	ng	99
34) Hexachlorobutadiene	8.263	225	154475	36.462	ng	98
35) Caprolactam	8.587	113	59056	36.113	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	219338	35.477	ng	100
37) 2-Methylnaphthalene	8.839	142	490114	37.337	ng	99
38) 1-Methylnaphthalene	8.939	142	479930	36.969	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	240096	38.668	ng	100
41) Hexachlorocyclopentadiene	8.986	237	53352	37.672	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	149871	39.419	ng	98

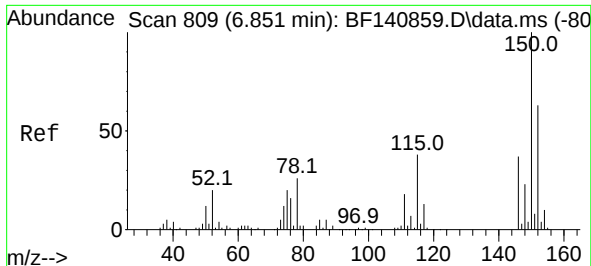
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	166716	39.895	ng	98
46) 1,1'-Biphenyl	9.304	154	617038	38.412	ng	99
47) 2-Chloronaphthalene	9.334	162	448814	36.522	ng	99
48) 2-Nitroaniline	9.434	65	140999	37.990	ng	99
49) Acenaphthylene	9.745	152	679962	37.651	ng	100
50) Dimethylphthalate	9.604	163	522757	36.704	ng	100
51) 2,6-Dinitrotoluene	9.675	165	122408	37.595	ng	97
52) Acenaphthene	9.916	154	441540	38.275	ng	99
53) 3-Nitroaniline	9.851	138	128348	39.722	ng	98
54) 2,4-Dinitrophenol	9.969	184	50562	35.766	ng	96
55) Dibenzofuran	10.092	168	663435	37.113	ng	100
56) 4-Nitrophenol	10.033	139	63289	38.834	ng	95
57) 2,4-Dinitrotoluene	10.086	165	163115	38.076	ng	99
58) Fluorene	10.433	166	551110	37.370	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	144396	42.405	ng	98
60) Diethylphthalate	10.304	149	560121	37.926	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	277040	37.398	ng	98
62) 4-Nitroaniline	10.469	138	131388	38.912	ng	98
63) Azobenzene	10.581	77	536731	38.657	ng	99
65) 4,6-Dinitro-2-methylph...	10.498	198	90125	41.637	ng	97
66) n-Nitrosodiphenylamine	10.545	169	466366	39.710	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	155245	36.329	ng	99
68) Hexachlorobenzene	10.980	284	179906	37.132	ng	96
69) Atrazine	11.069	200	120830	36.838	ng	98
70) Pentachlorophenol	11.186	266	68516	38.679	ng	97
71) Phenanthrene	11.398	178	747974	38.078	ng	99
72) Anthracene	11.451	178	729685	37.720	ng	99
73) Carbazole	11.610	167	613711	32.390	ng	99
74) Di-n-butylphthalate	11.927	149	751217	33.782	ng	100
75) Fluoranthene	12.592	202	772859	34.163	ng	99
77) Benzidine	12.716	184	176802	36.642	ng	99
78) Pyrene	12.822	202	792874	37.714	ng	99
80) Butylbenzylphthalate	13.427	149	307036	39.692	ng	99
81) Benzo(a)anthracene	14.010	228	679017	40.525	ng	100
82) 3,3'-Dichlorobenzidine	13.969	252	194418	38.459	ng	100
83) Chrysene	14.051	228	574336	37.695	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	408768	40.982	ng	99
85) Di-n-octyl phthalate	14.598	149	617289	40.907	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	539135	39.762	ng	99
88) Benzo(b)fluoranthene	15.074	252	609480	40.410	ng	100
89) Benzo(k)fluoranthene	15.098	252	525272	40.601	ng	99
90) Benzo(a)pyrene	15.439	252	470896	39.873	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	451973	40.237	ng	98
92) Benzo(g,h,i)perylene	17.457	276	418030	36.565	ng	100

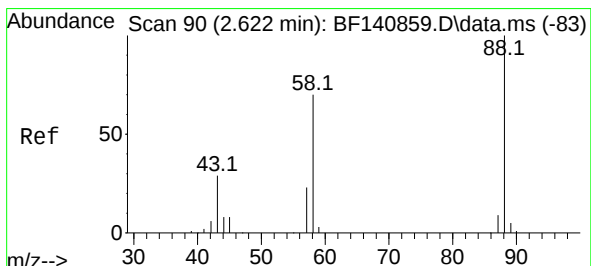
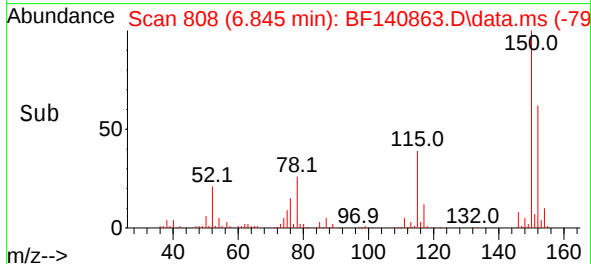
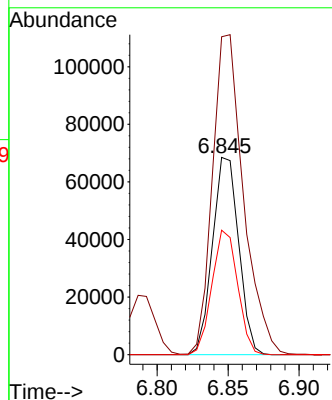
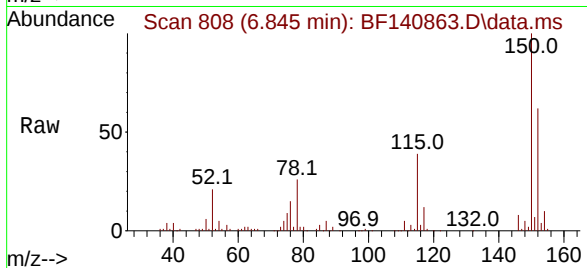
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
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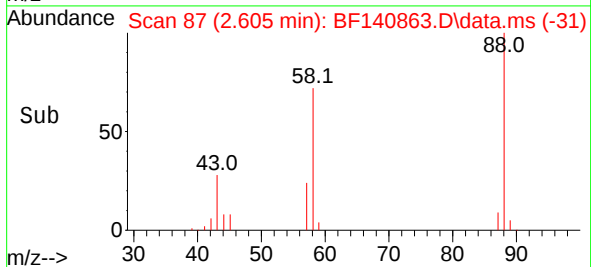
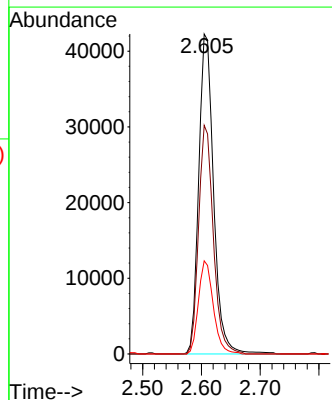
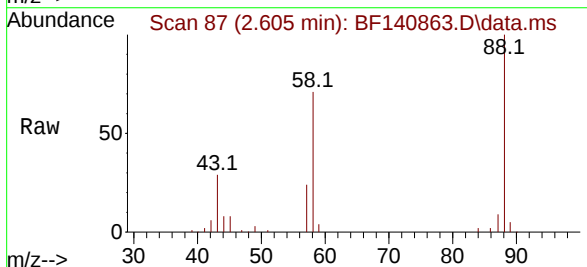
Instrument :
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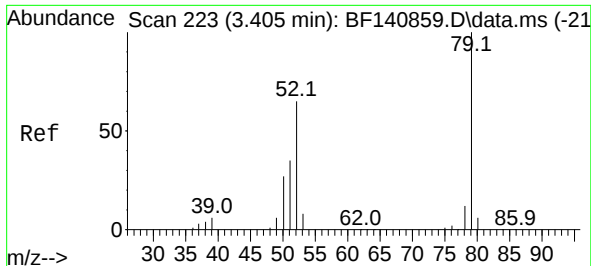
Tgt Ion:152 Resp: 88035
 Ion Ratio Lower Upper
 152 100
 150 161.2 127.9 191.9
 115 63.1 48.0 72.0



#2
 1,4-Dioxane
 Concen: 32.360 ng
 RT: 2.605 min Scan# 87
 Delta R.T. -0.018 min
 Lab File: BF140863.D
 Acq: 16 Dec 2024 16:41

Tgt Ion: 88 Resp: 74540
 Ion Ratio Lower Upper
 88 100
 58 70.6 55.8 83.8
 43 29.0 22.7 34.1





#3

Pyridine

Concen: 34.882 ng

RT: 3.387 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

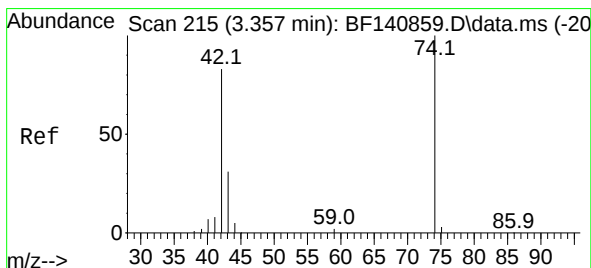
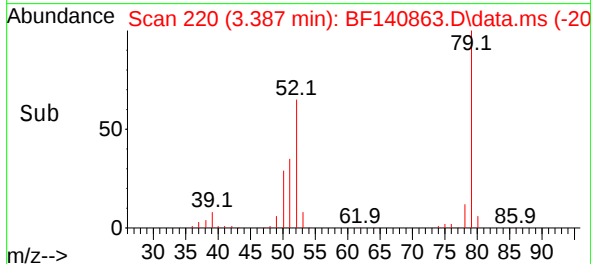
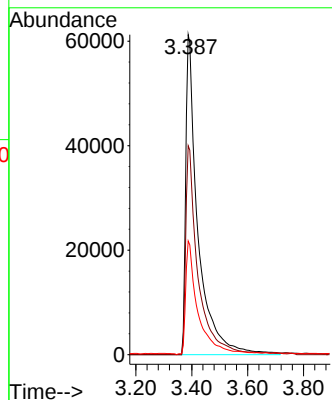
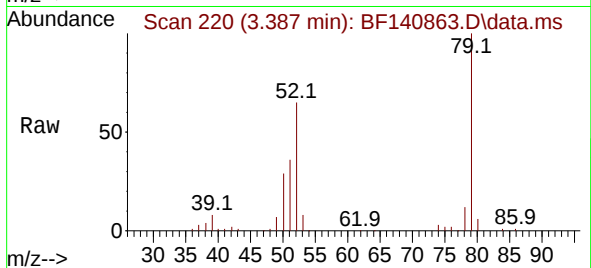
Tgt Ion: 79 Resp: 186082

Ion Ratio Lower Upper

79 100

52 65.3 51.7 77.5

51 35.5 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 33.984 ng

RT: 3.340 min Scan# 212

Delta R.T. -0.018 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

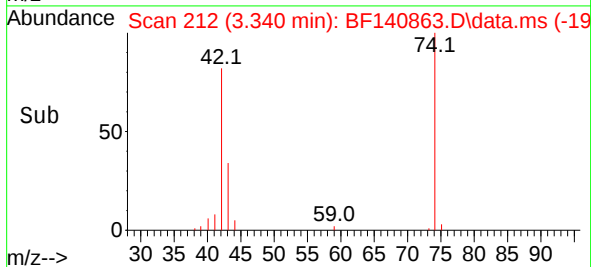
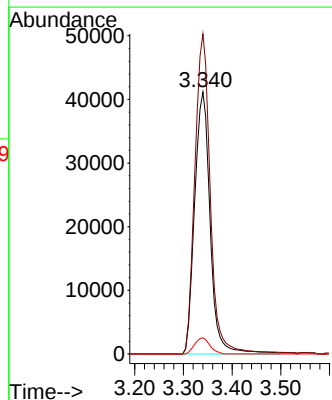
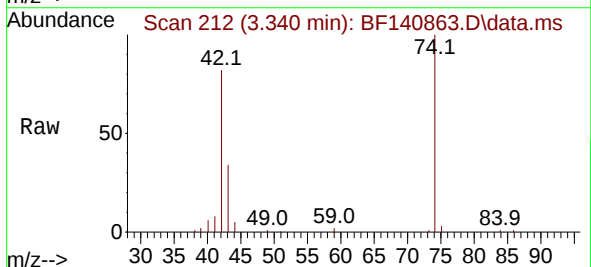
Tgt Ion: 42 Resp: 91392

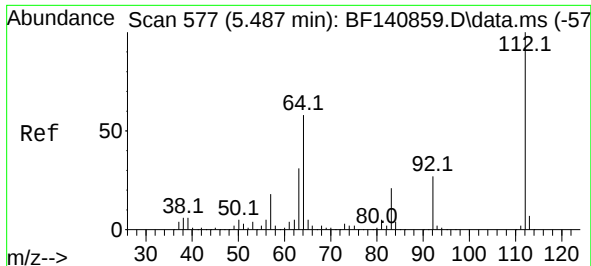
Ion Ratio Lower Upper

42 100

74 122.2 96.9 145.3

44 6.2 4.4 6.6

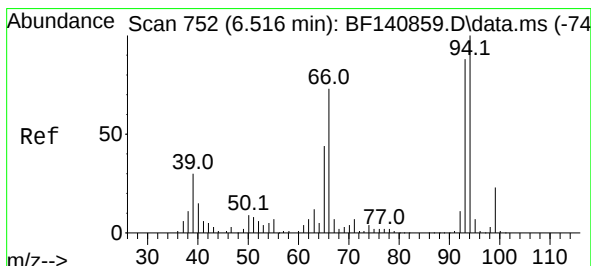
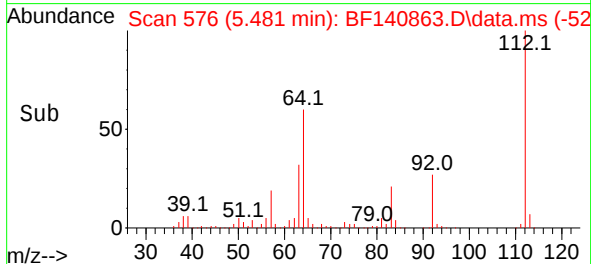
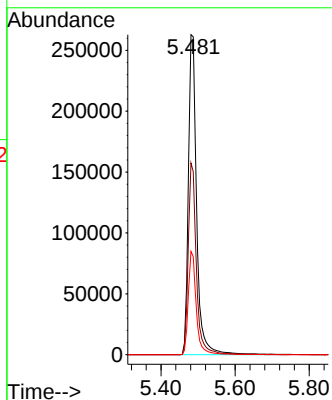
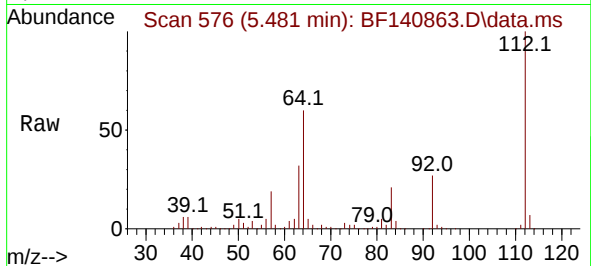




#5
2-Fluorophenol
Concen: 76.184 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

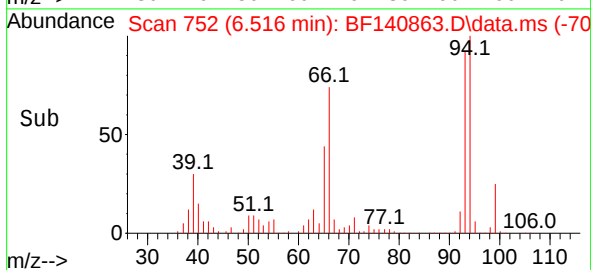
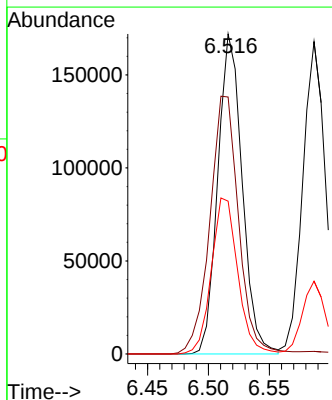
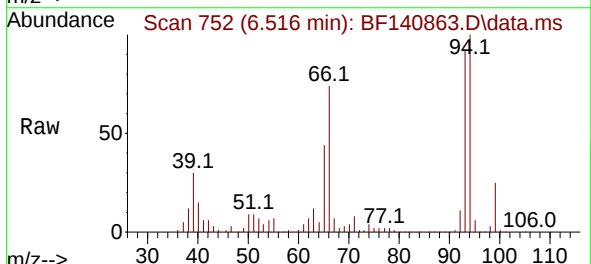
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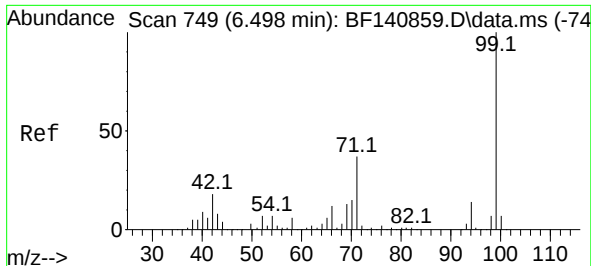
Tgt Ion:112 Resp: 407420
Ion Ratio Lower Upper
112 100
64 59.9 46.1 69.1
63 32.2 24.9 37.3



#6
Aniline
Concen: 39.644 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 93 Resp: 240098
Ion Ratio Lower Upper
93 100
66 80.3 67.0 100.4
65 47.8 40.4 60.6

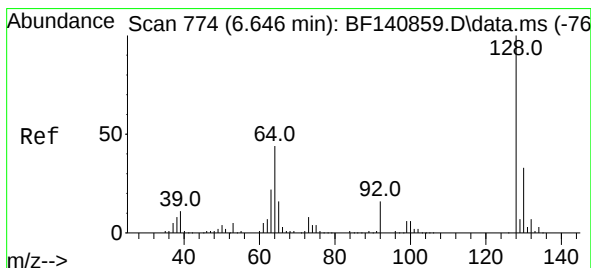
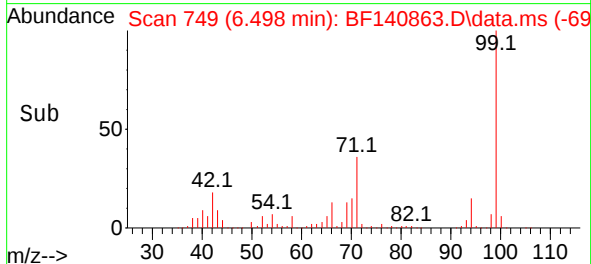
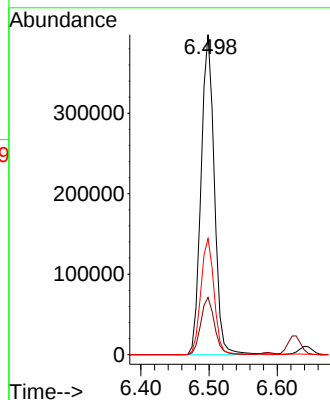
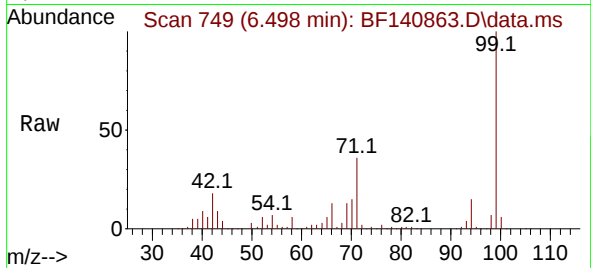




#7
Phenol-d6
Concen: 76.229 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

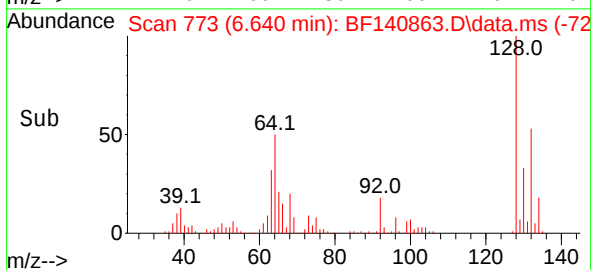
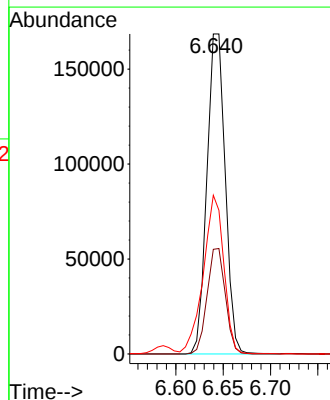
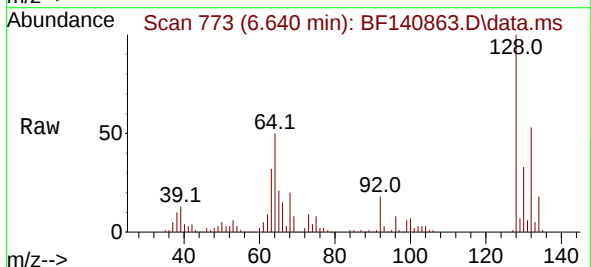
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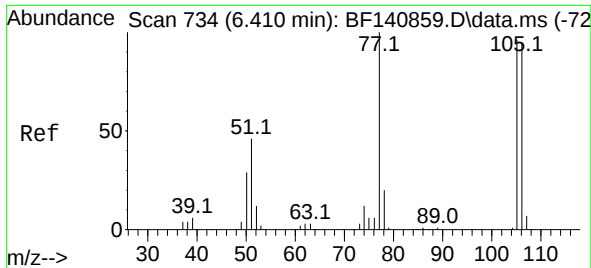
Tgt Ion: 99 Resp: 539951
Ion Ratio Lower Upper
99 100
42 17.9 14.3 21.5
71 36.3 29.9 44.9



#8
2-Chlorophenol
Concen: 38.761 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:128 Resp: 226045
Ion Ratio Lower Upper
128 100
130 32.7 12.9 52.9
64 49.6 24.3 64.3





#9

Benzaldehyde

Concen: 40.491 ng

RT: 6.404 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

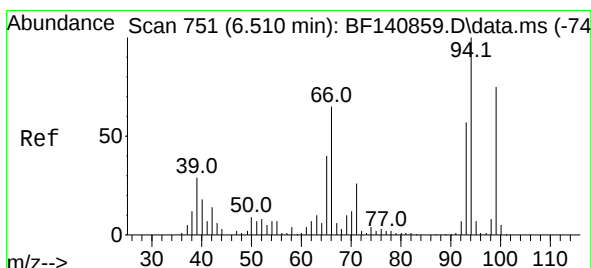
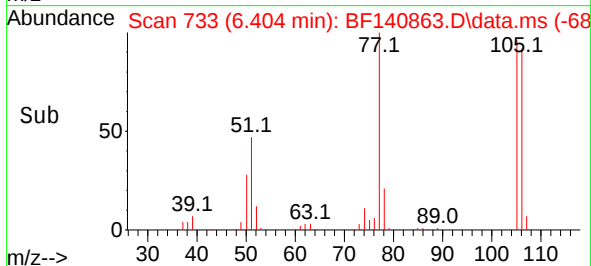
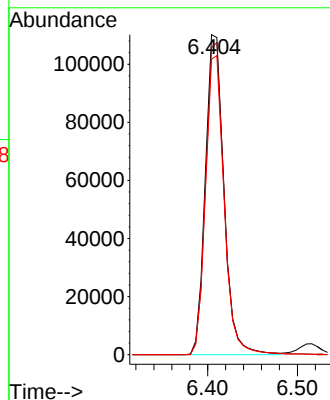
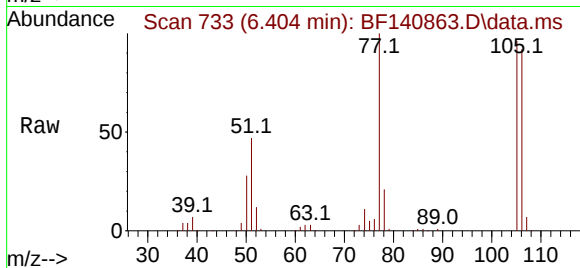
Tgt Ion: 77 Resp: 158915

Ion Ratio Lower Upper

77 100

105 96.0 75.8 115.8

106 92.4 74.1 114.1



#10

Phenol

Concen: 38.683 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

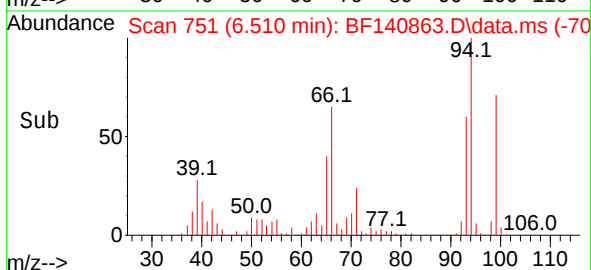
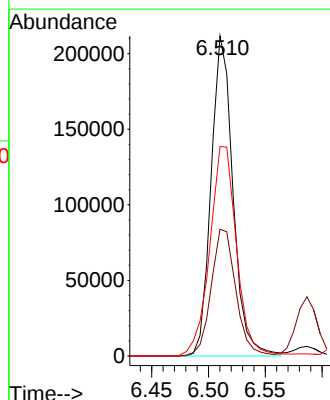
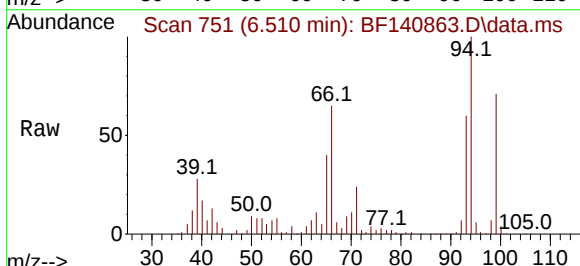
Tgt Ion: 94 Resp: 283984

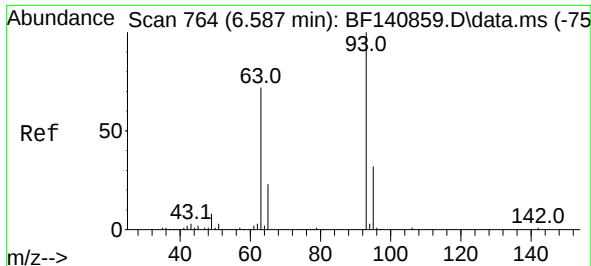
Ion Ratio Lower Upper

94 100

65 39.6 19.9 59.9

66 65.4 45.6 85.6





#11

bis(2-Chloroethyl)ether

Concen: 39.504 ng

RT: 6.587 min Scan# 764

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

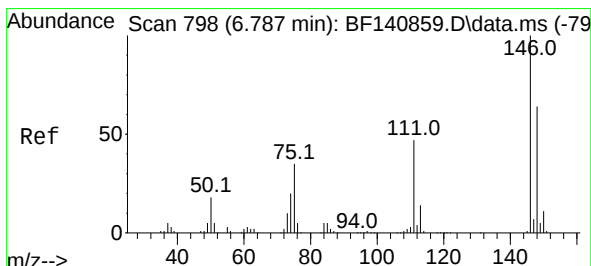
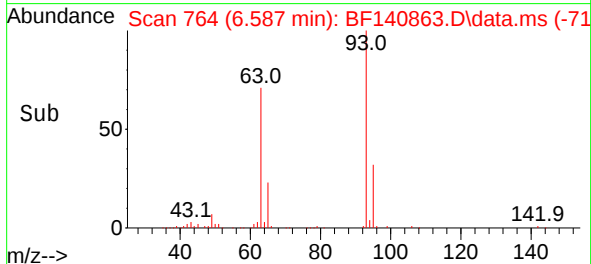
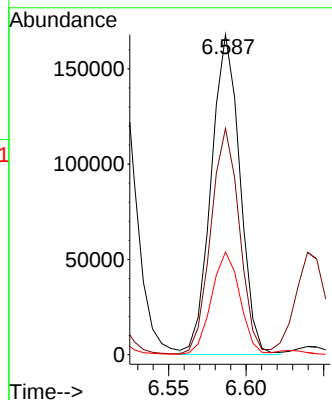
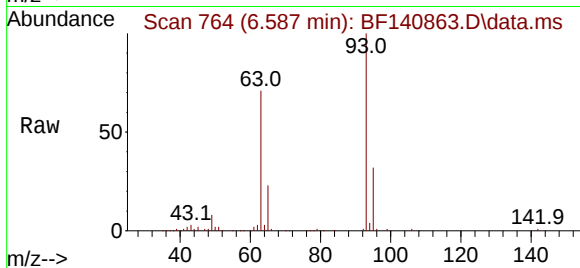
Tgt Ion: 93 Resp: 216280

Ion Ratio Lower Upper

93 100

63 70.7 51.0 91.0

95 32.1 12.0 52.0



#12

1,3-Dichlorobenzene

Concen: 39.111 ng

RT: 6.787 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

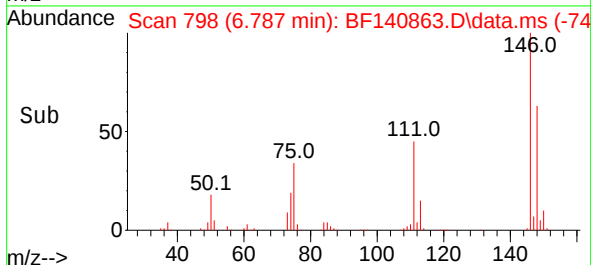
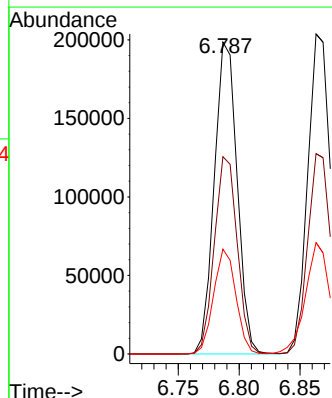
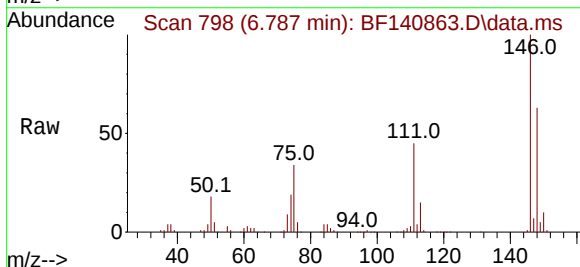
Tgt Ion:146 Resp: 259904

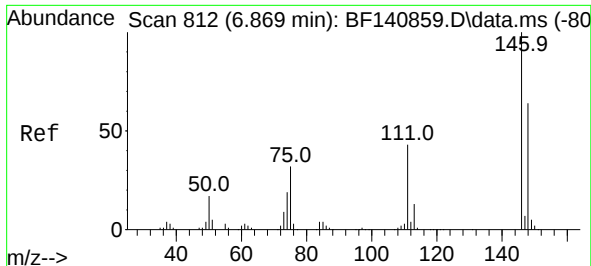
Ion Ratio Lower Upper

146 100

148 63.2 51.0 76.6

75 33.6 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 39.745 ng

RT: 6.863 min Scan# 812

Delta R.T. -0.006 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

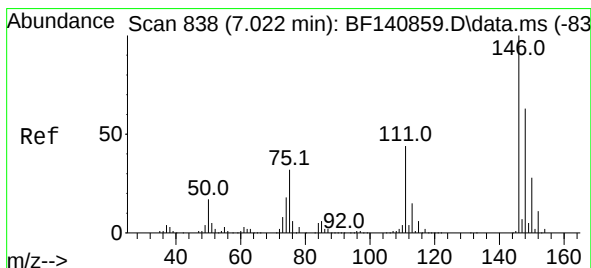
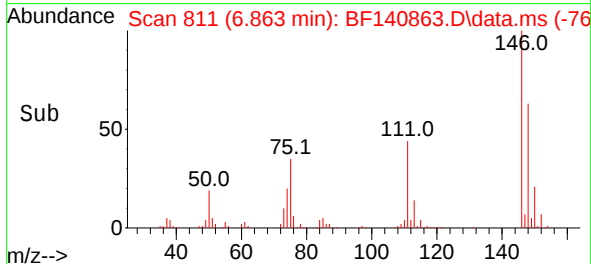
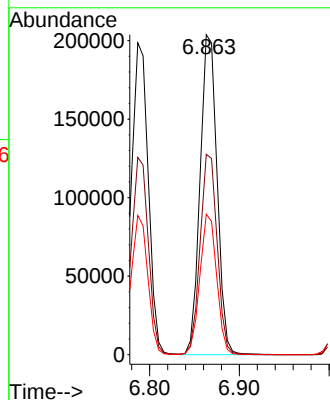
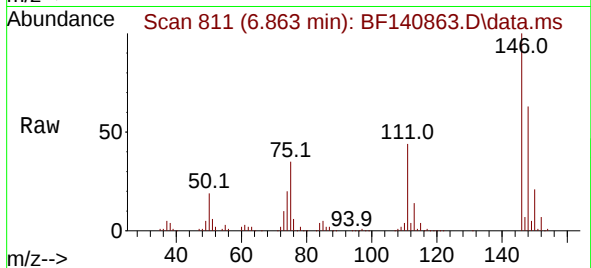
Tgt Ion:146 Resp: 268094

Ion Ratio Lower Upper

146 100

148 62.6 51.3 76.9

111 43.9 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 39.527 ng

RT: 7.022 min Scan# 838

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

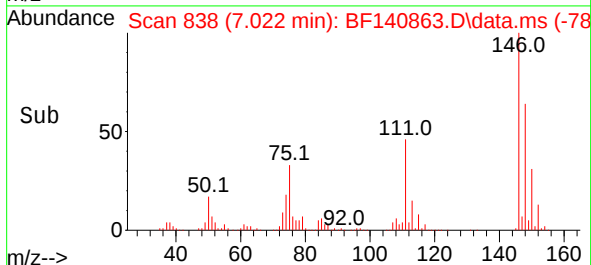
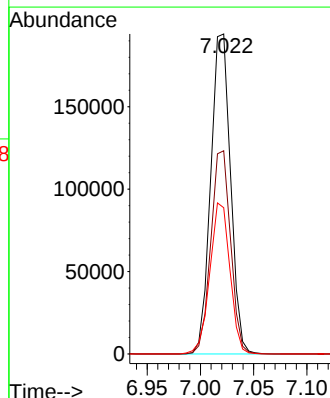
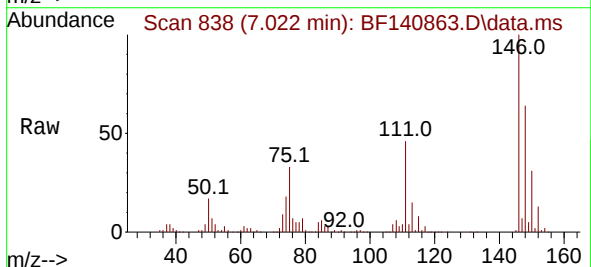
Tgt Ion:146 Resp: 251561

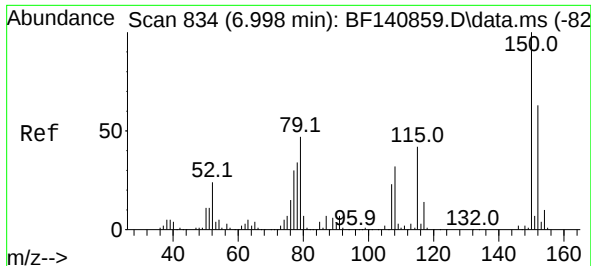
Ion Ratio Lower Upper

146 100

148 63.5 50.0 75.0

111 45.7 35.6 53.4





#15

Benzyl Alcohol

Concen: 39.782 ng

RT: 6.998 min Scan# 834

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

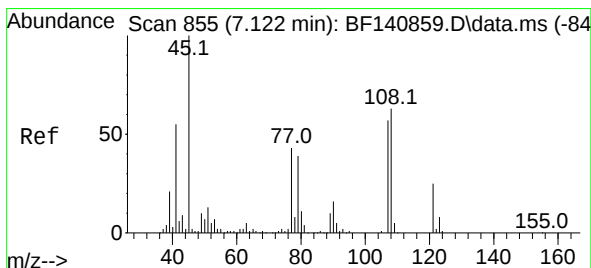
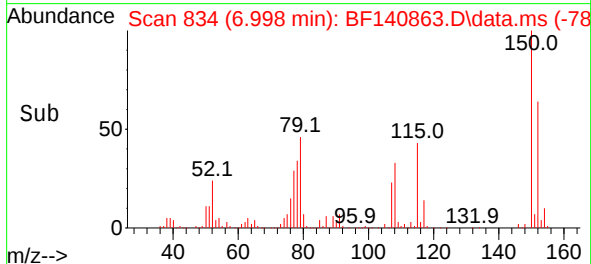
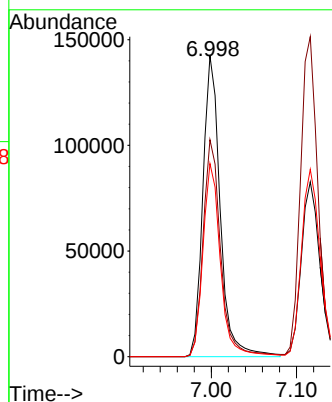
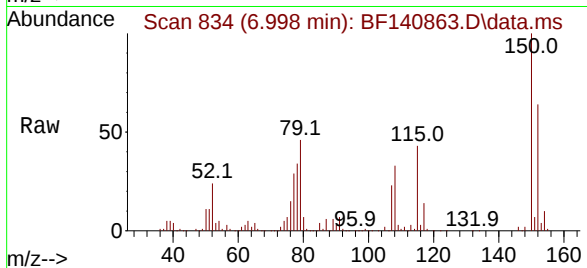
Tgt Ion: 79 Resp: 201477

Ion Ratio Lower Upper

79 100

108 72.1 55.1 82.7

77 64.2 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.970 ng

RT: 7.122 min Scan# 855

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

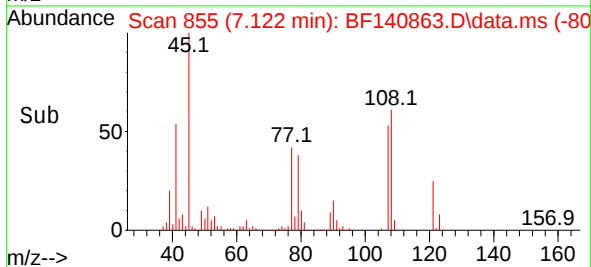
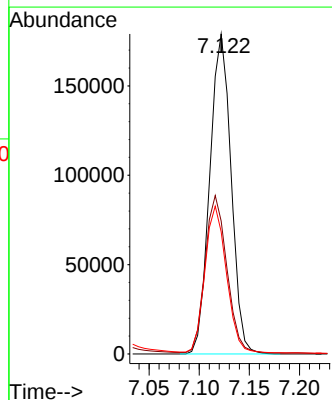
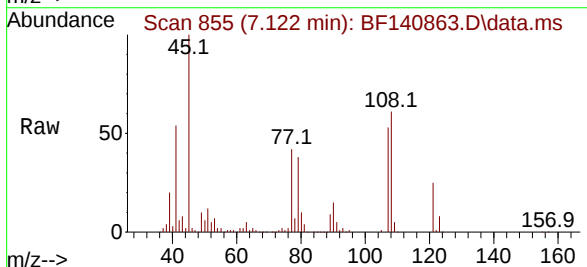
Tgt Ion: 45 Resp: 264233

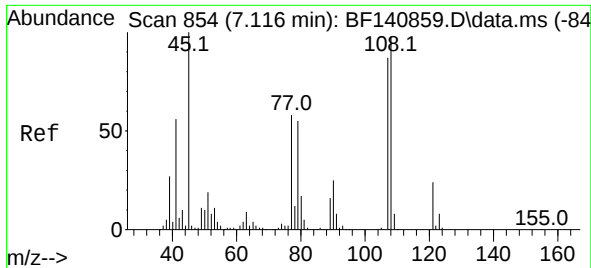
Ion Ratio Lower Upper

45 100

77 41.6 23.3 63.3

79 38.2 20.0 60.0

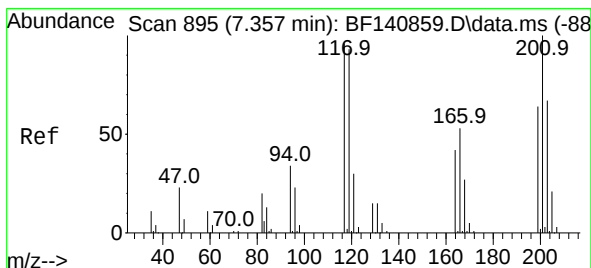
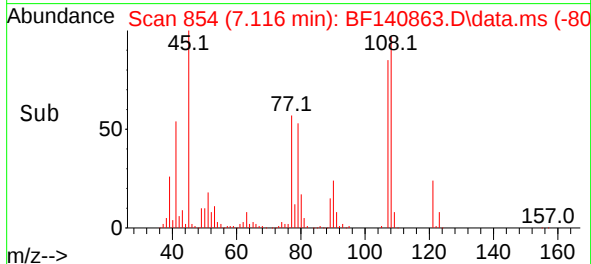
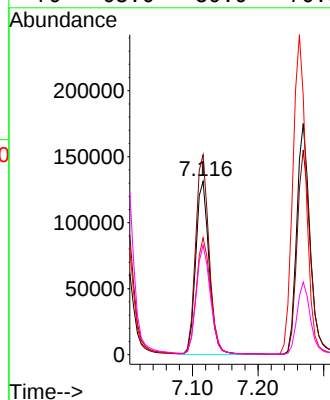
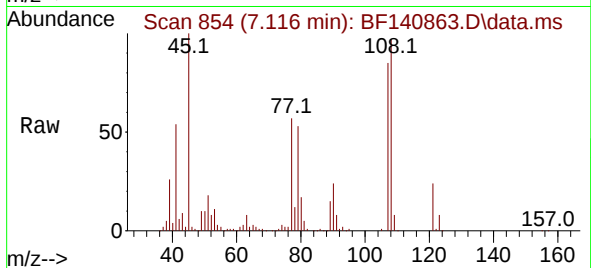




#17
2-Methylphenol
Concen: 40.189 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

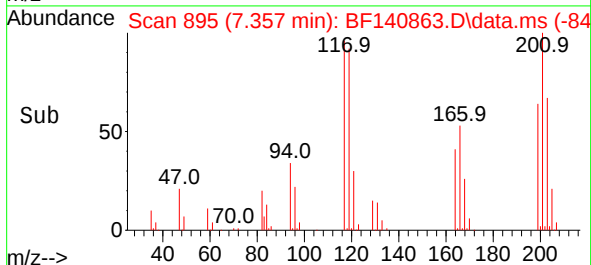
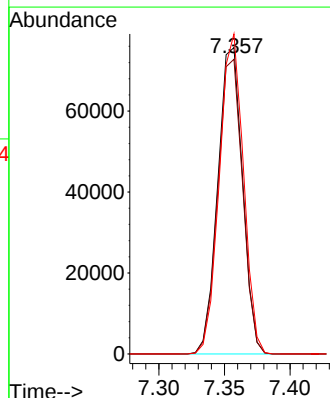
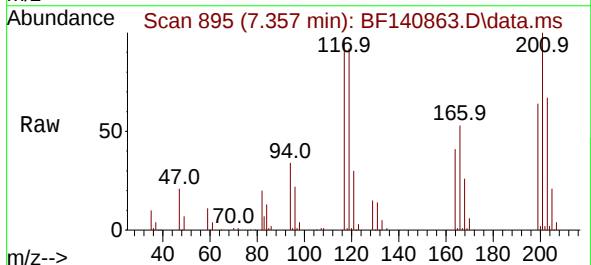
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

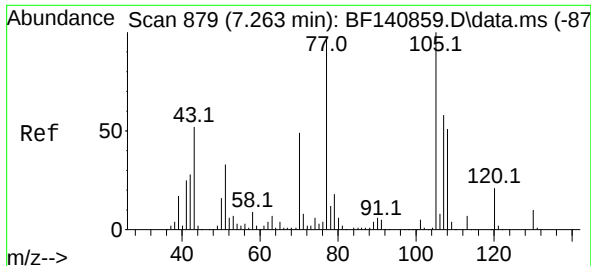
Tgt Ion:	107	Resp:	187119
Ion	Ratio	Lower	Upper
107	100		
108	115.3	90.2	135.4
77	67.5	53.8	80.6
79	63.0	50.9	76.3



#18
Hexachloroethane
Concen: 39.568 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:	117	Resp:	99360
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	104.5	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 39.861 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140863.D

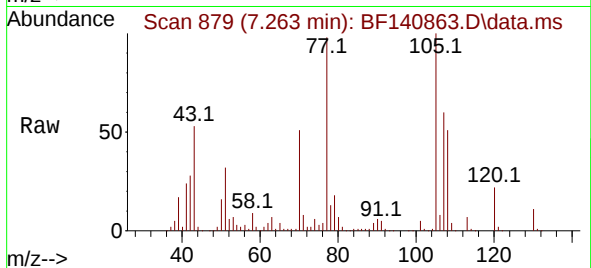
Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624



Tgt Ion: 70 Resp: 169362

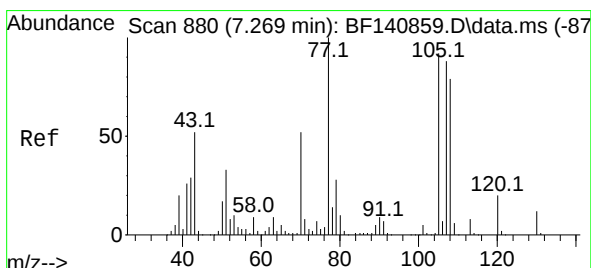
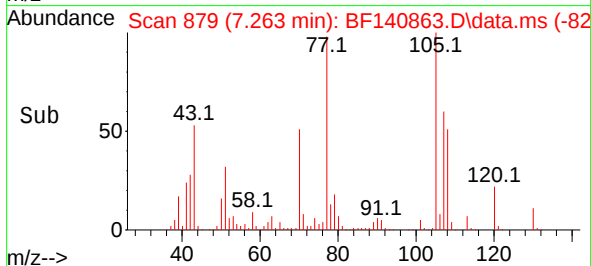
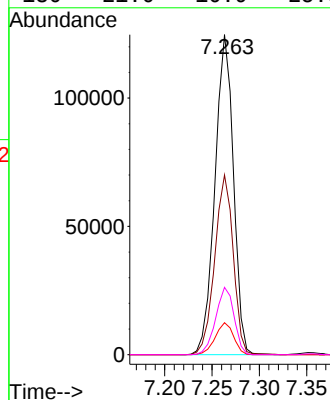
Ion Ratio Lower Upper

70 100

42 56.2 45.3 67.9

101 10.0 8.0 12.0

130 21.0 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.995 ng

RT: 7.269 min Scan# 880

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion:107 Resp: 246929

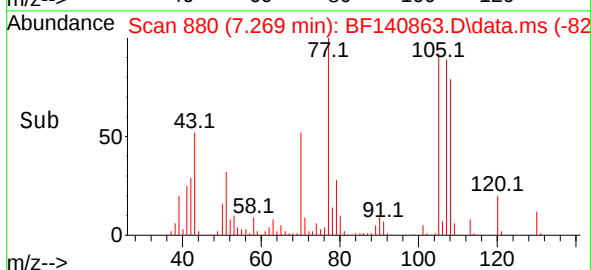
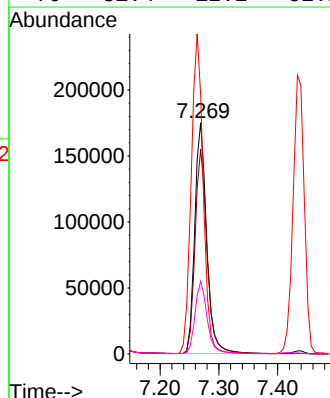
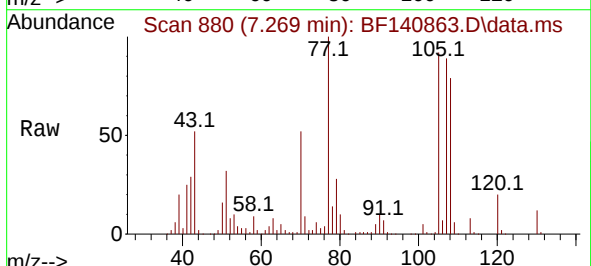
Ion Ratio Lower Upper

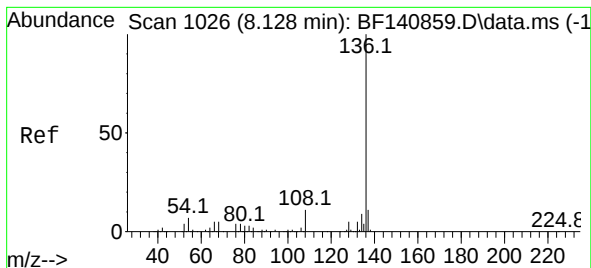
107 100

108 88.6 70.1 110.1

77 111.9 94.4 134.4

79 31.4 12.2 52.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

Tgt Ion:136 Resp: 361248

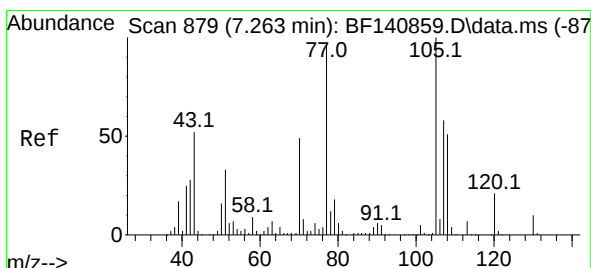
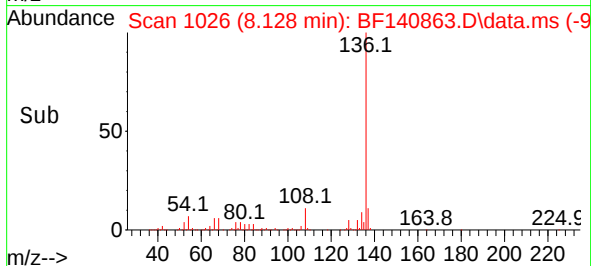
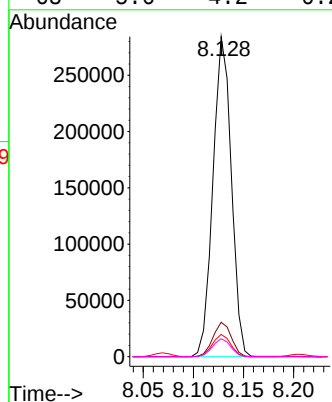
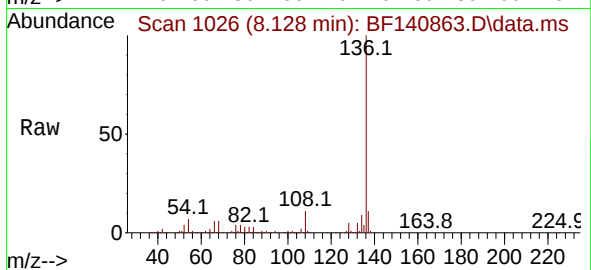
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 7.0 5.6 8.4

68 5.6 4.2 6.2



#22

Acetophenone

Concen: 36.536 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion:105 Resp: 330166

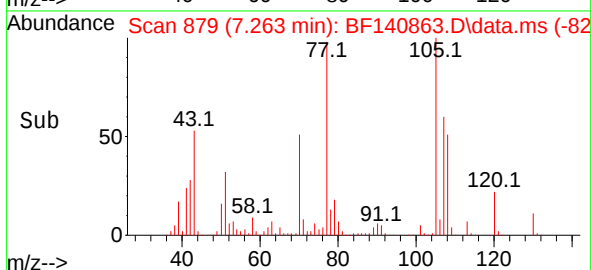
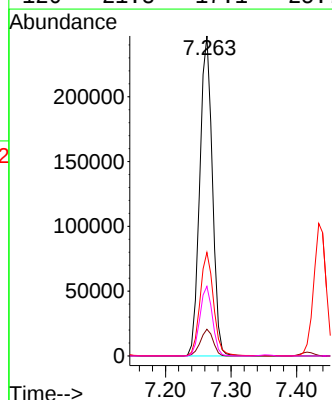
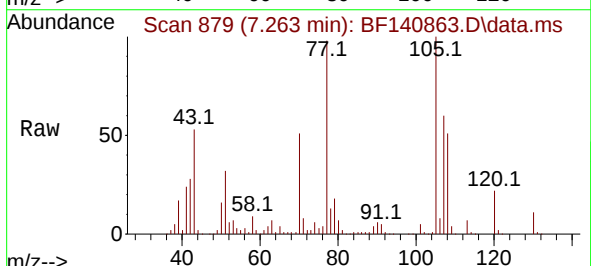
Ion Ratio Lower Upper

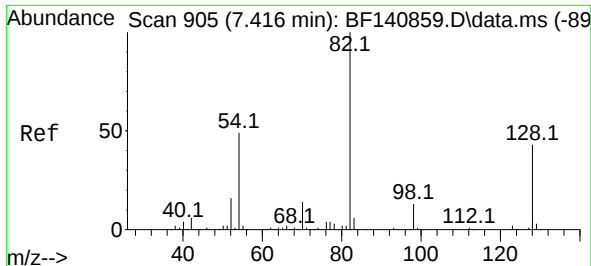
105 100

71 8.4 6.2 9.4

51 32.3 26.3 39.5

120 21.8 17.1 25.7





#23
Nitrobenzene-d5
Concen: 75.408 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

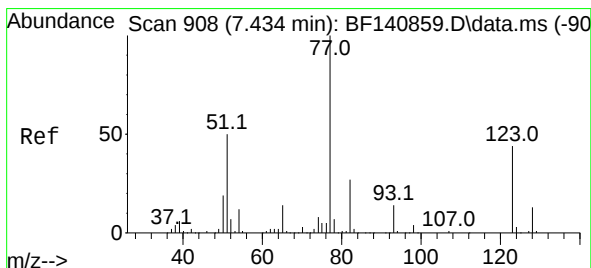
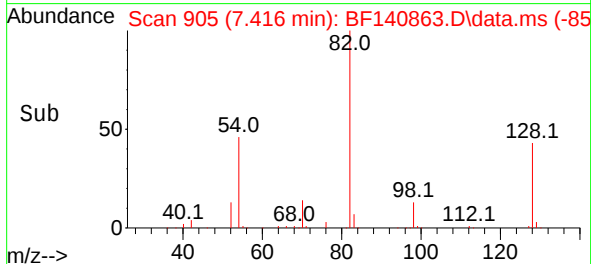
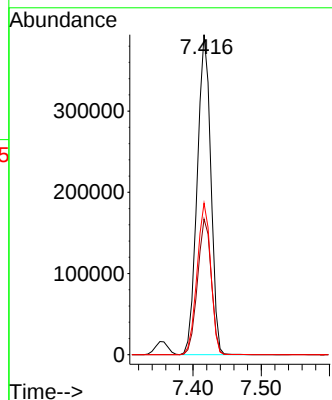
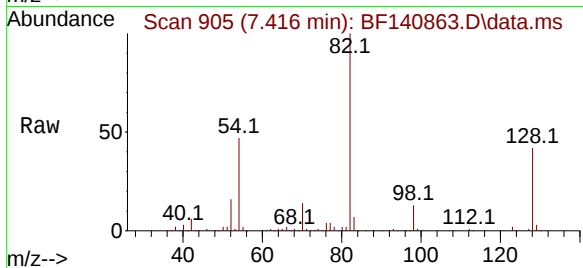
Instrument :

BNA_F

ClientSampleId :

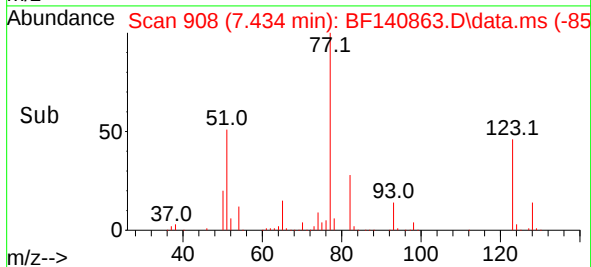
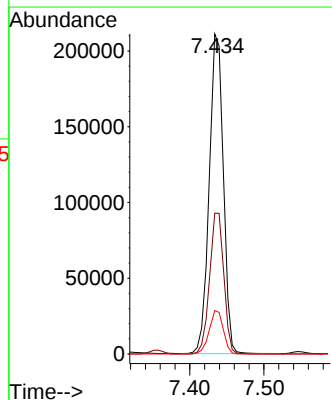
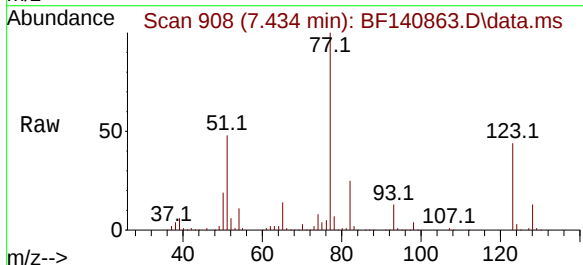
ICVBF121624

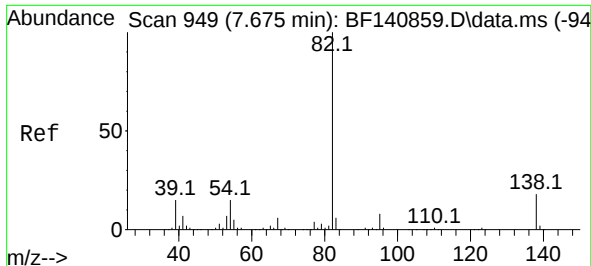
Tgt Ion: 82 Resp: 544482
Ion Ratio Lower Upper
82 100
128 42.4 34.4 51.6
54 47.4 38.8 58.2



#24
Nitrobenzene
Concen: 37.836 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 77 Resp: 279878
Ion Ratio Lower Upper
77 100
123 44.0 35.0 52.4
65 13.6 11.4 17.0

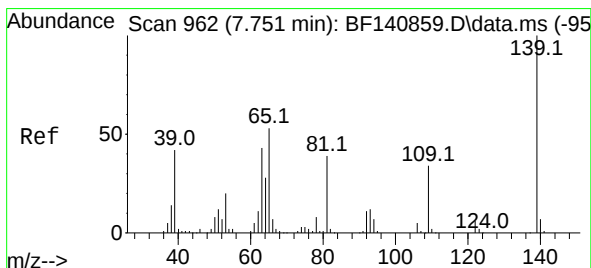
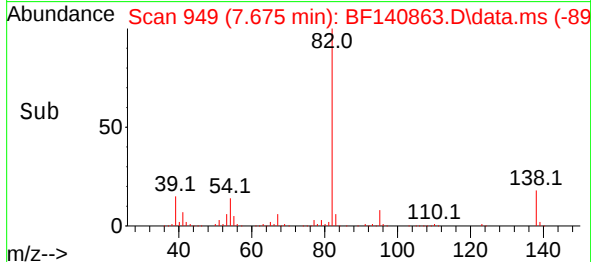
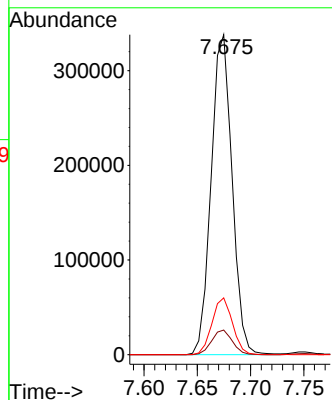
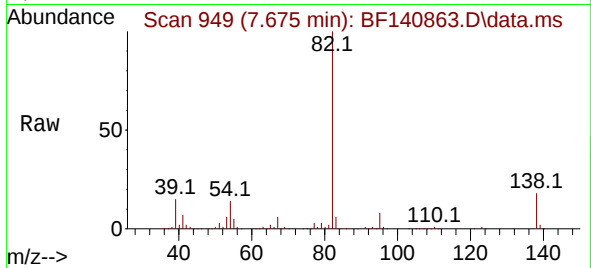




#25
Isophorone
Concen: 38.231 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

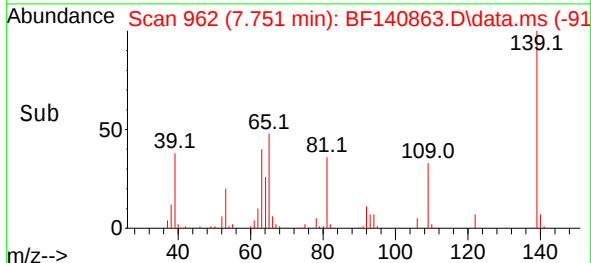
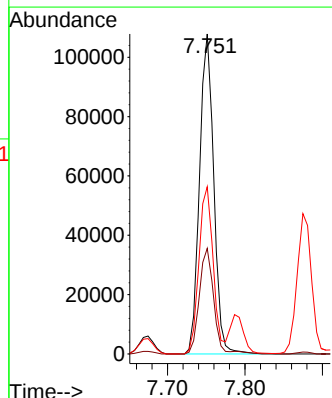
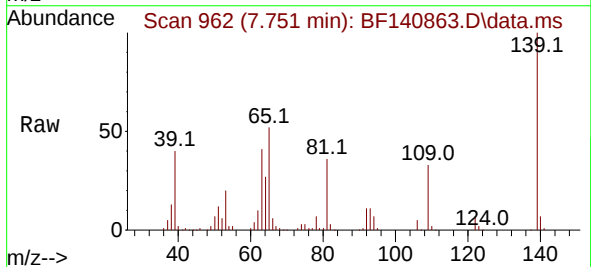
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

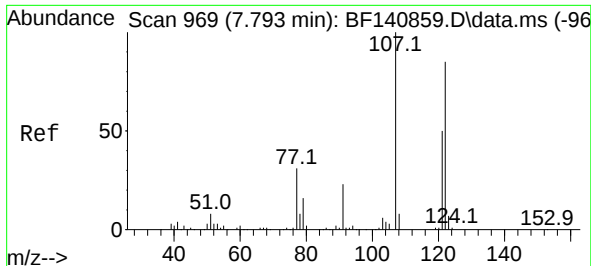
Tgt Ion: 82 Resp: 462528
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 17.8 14.1 21.1



#26
2-Nitrophenol
Concen: 40.407 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:139 Resp: 137663
Ion Ratio Lower Upper
139 100
109 33.0 26.9 40.3
65 52.2 42.6 64.0

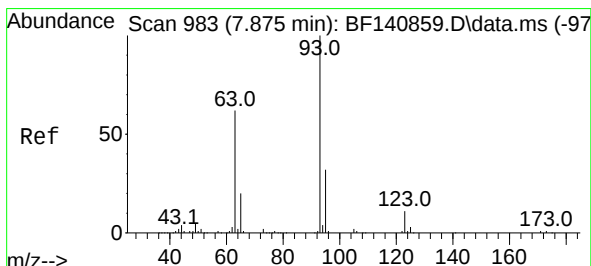
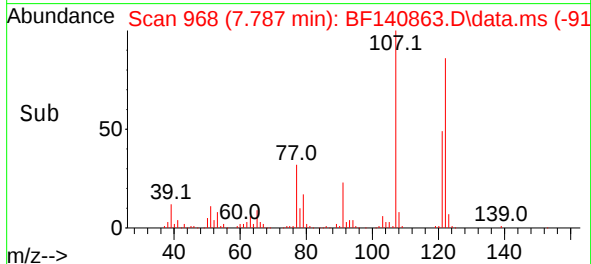
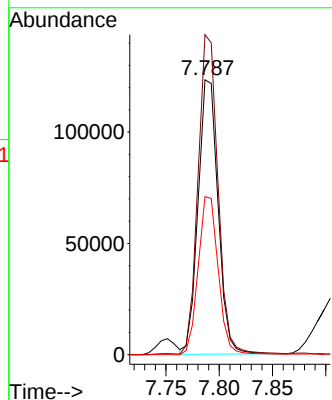
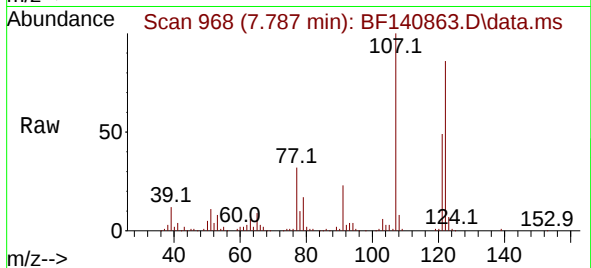




#27
2,4-Dimethylphenol
Concen: 40.466 ng
RT: 7.787 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

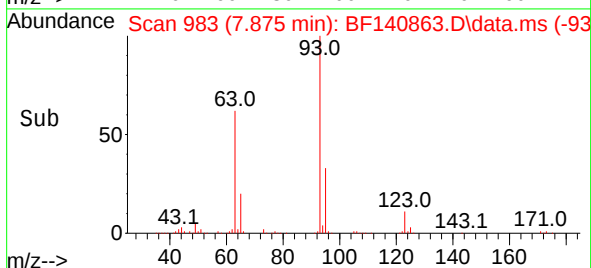
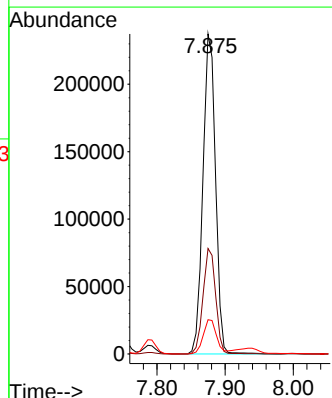
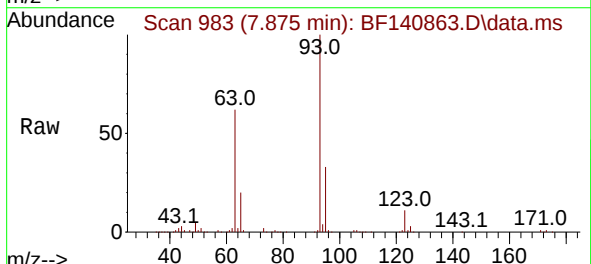
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

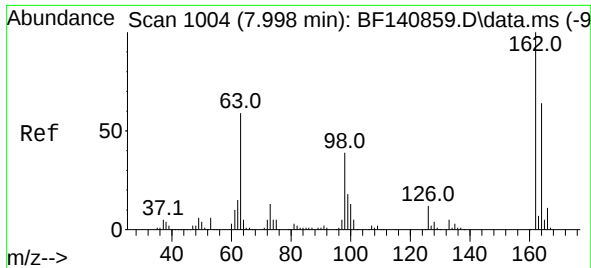
Tgt Ion:122 Resp: 161001
Ion Ratio Lower Upper
122 100
107 116.4 92.6 139.0
121 57.5 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 40.334 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 93 Resp: 304778
Ion Ratio Lower Upper
93 100
95 33.0 25.3 37.9
123 10.7 8.6 13.0

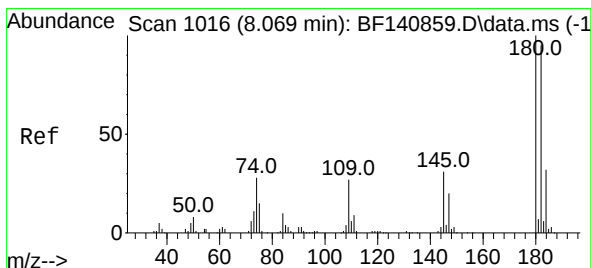
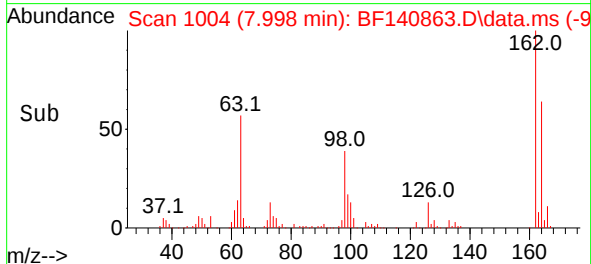
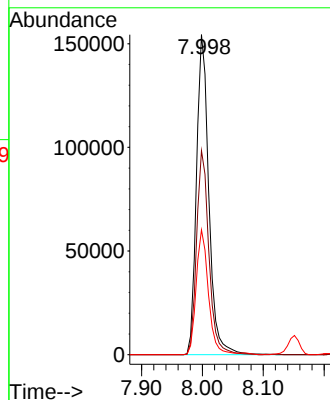
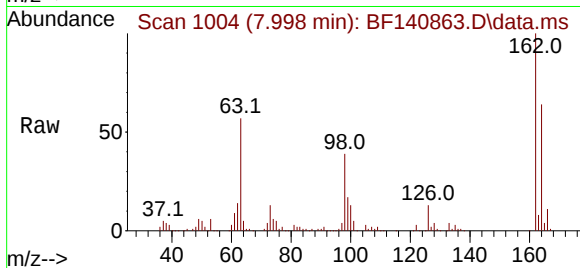




#29
2,4-Dichlorophenol
Concen: 39.658 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

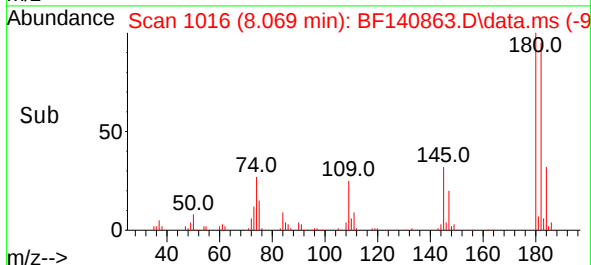
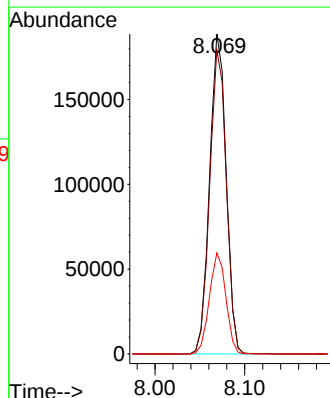
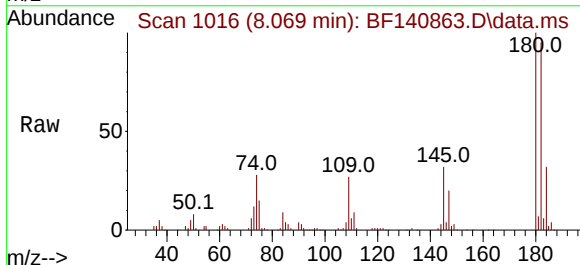
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

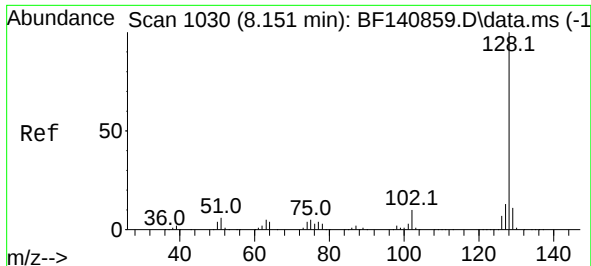
Tgt Ion:162 Resp: 217841
Ion Ratio Lower Upper
162 100
164 63.8 43.7 83.7
98 39.0 18.6 58.6



#30
1,2,4-Trichlorobenzene
Concen: 38.332 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

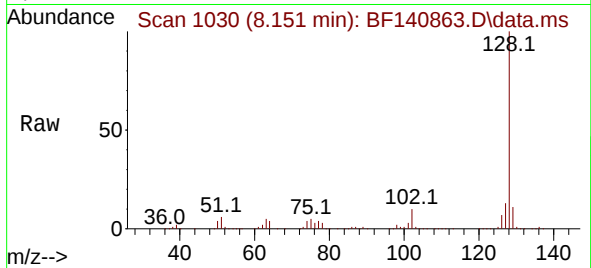
Tgt Ion:180 Resp: 241375
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 31.6 25.2 37.8



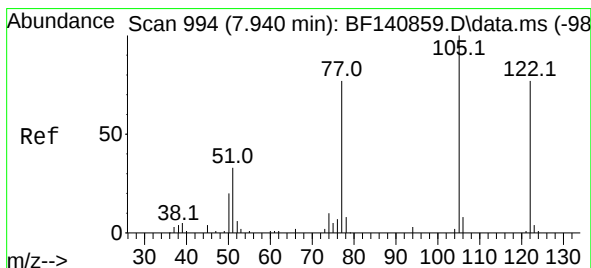
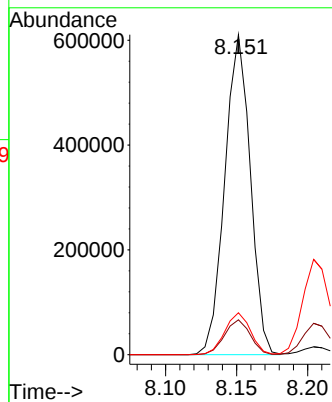
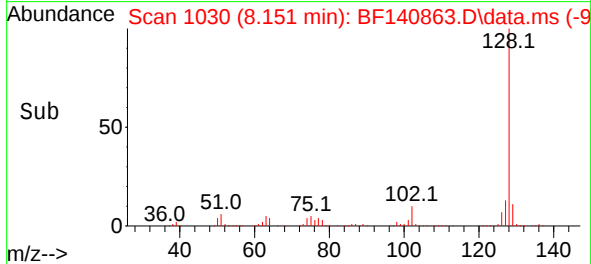


#31
Naphthalene
Concen: 38.473 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

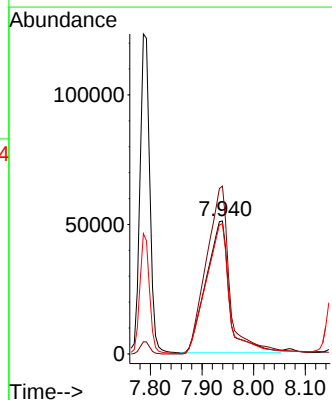
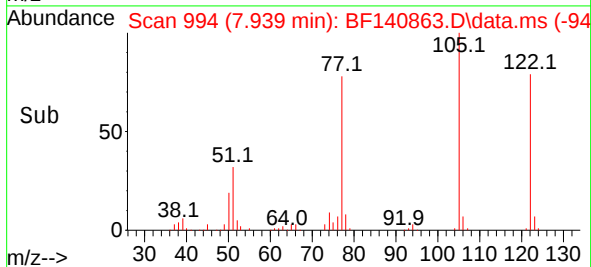
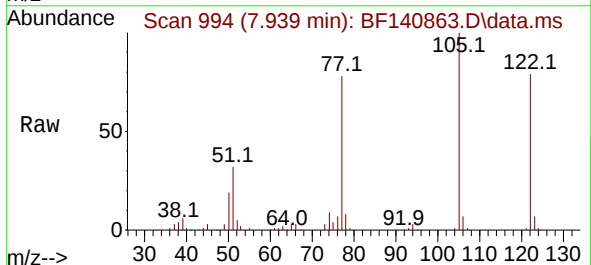


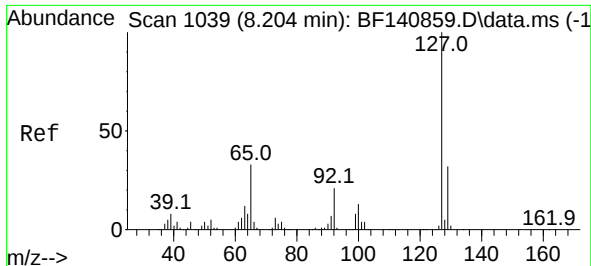
Tgt Ion:128 Resp: 763453
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 42.351 ng
RT: 7.939 min Scan# 994
Delta R.T. -0.001 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:122 Resp: 159806
Ion Ratio Lower Upper
122 100
105 126.3 108.3 148.3
77 98.0 78.8 118.8





#33

4-Chloroaniline

Concen: 37.650 ng

RT: 8.204 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

Tgt Ion:127 Resp: 248138

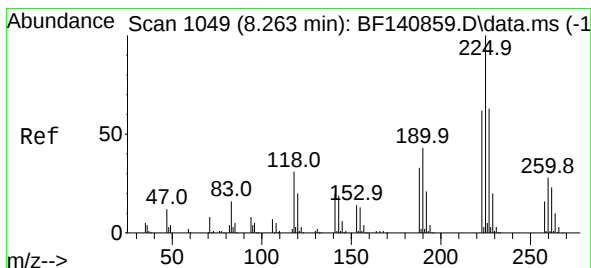
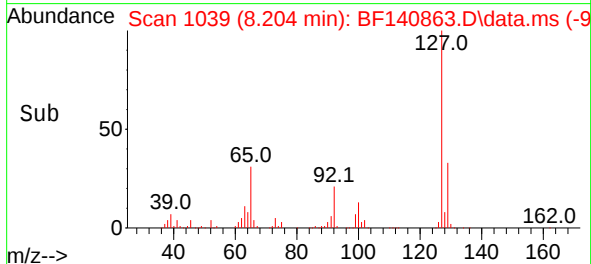
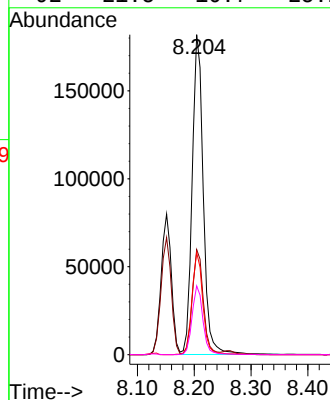
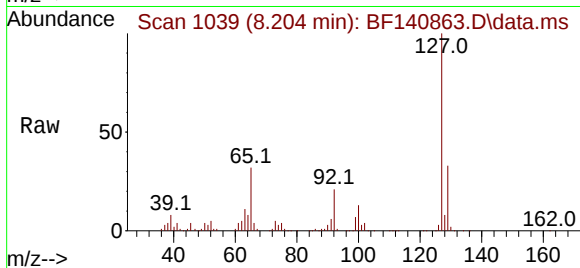
Ion Ratio Lower Upper

127 100

129 32.8 26.0 39.0

65 31.9 26.0 39.0

92 21.5 16.7 25.1



#34

Hexachlorobutadiene

Concen: 36.462 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

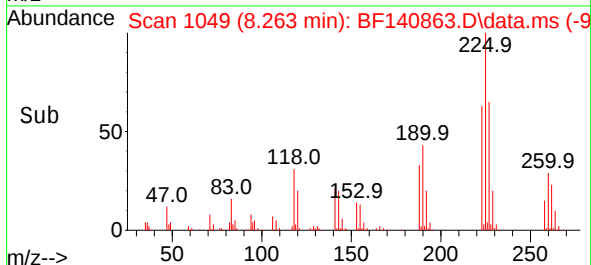
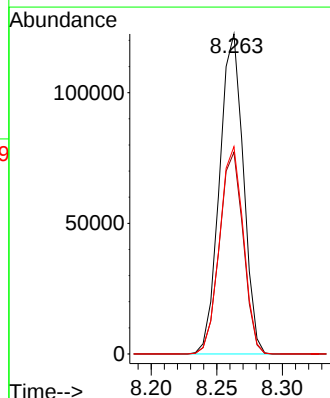
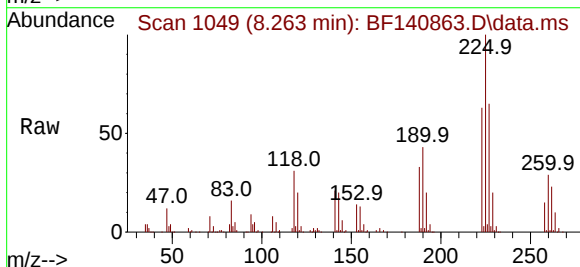
Tgt Ion:225 Resp: 154475

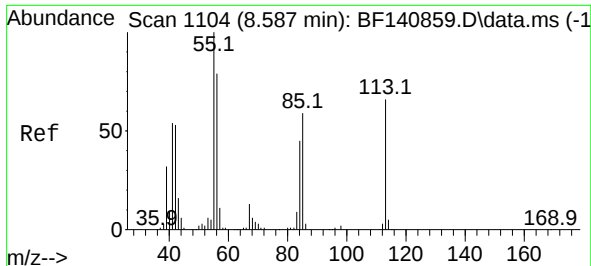
Ion Ratio Lower Upper

225 100

223 63.0 49.6 74.4

227 64.8 50.7 76.1

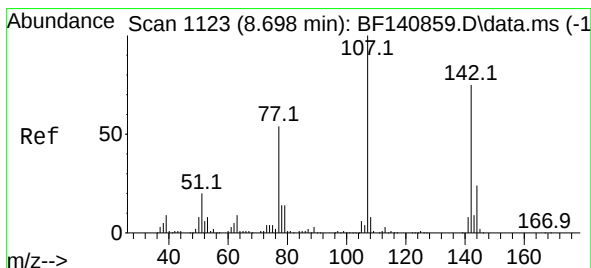
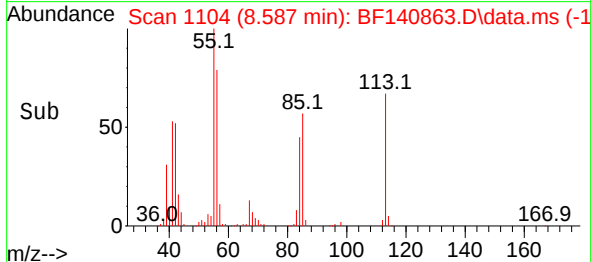
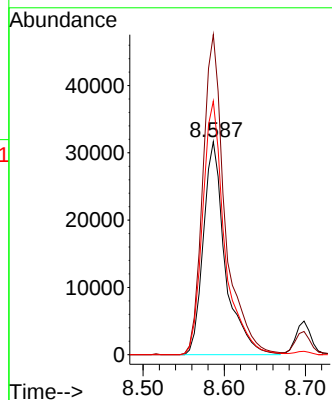
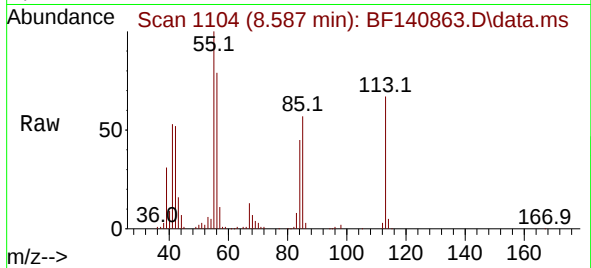




#35
Caprolactam
Concen: 36.113 ng
RT: 8.587 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

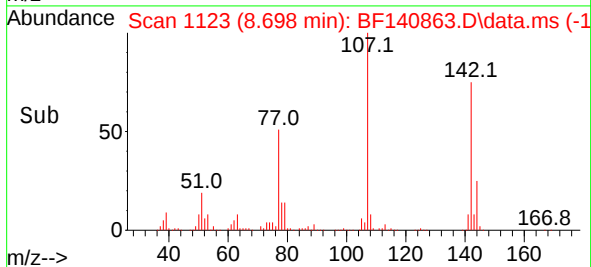
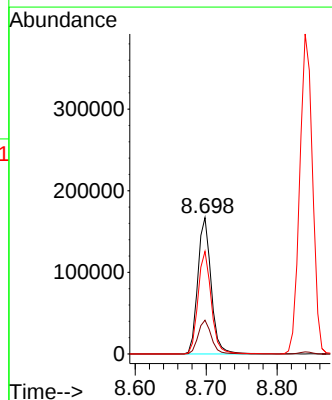
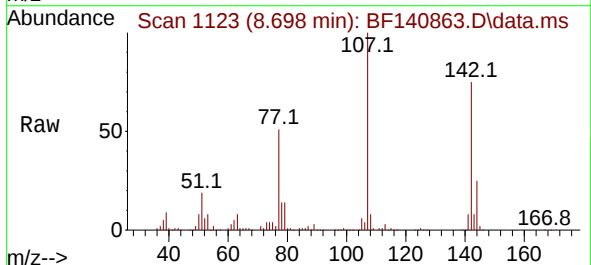
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

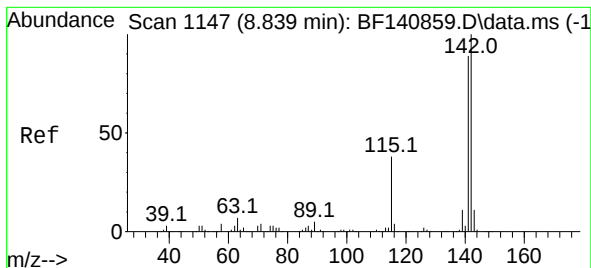
Tgt Ion:113 Resp: 59056
Ion Ratio Lower Upper
113 100
55 150.3 132.3 172.3
56 119.1 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 35.477 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:107 Resp: 219338
Ion Ratio Lower Upper
107 100
144 24.8 19.4 29.2
142 75.3 60.3 90.5





#37

2-Methylnaphthalene

Concen: 37.337 ng

RT: 8.839 min Scan# 1147

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

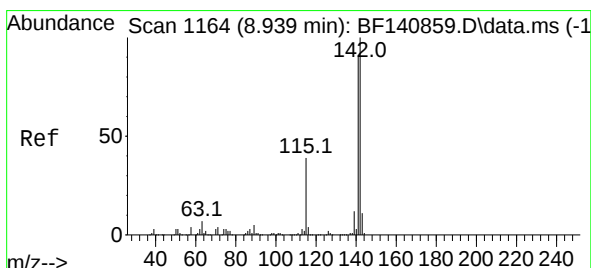
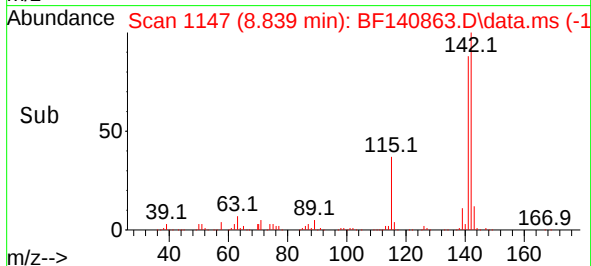
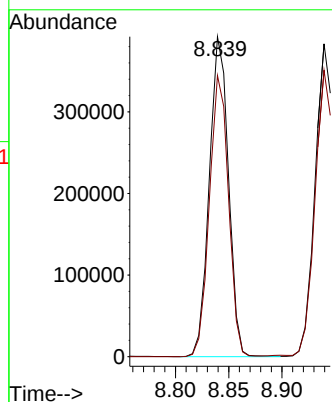
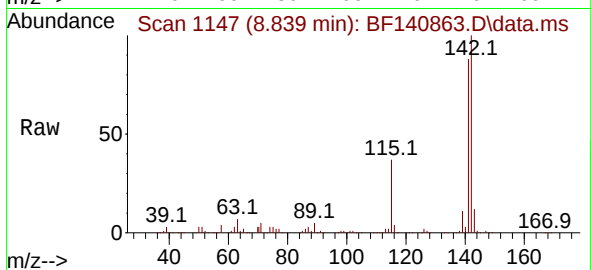
ICVBF121624

Tgt Ion:142 Resp: 490114

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6



#38

1-Methylnaphthalene

Concen: 36.969 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.000 min

Lab File: BF140863.D

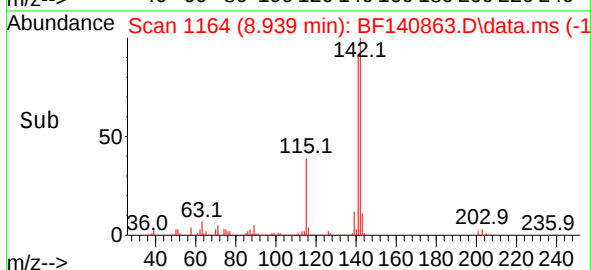
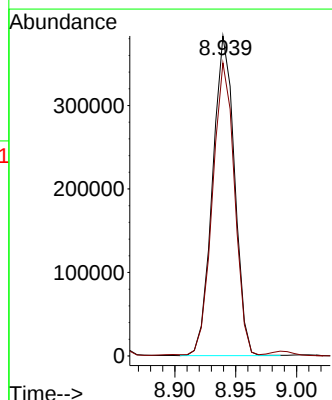
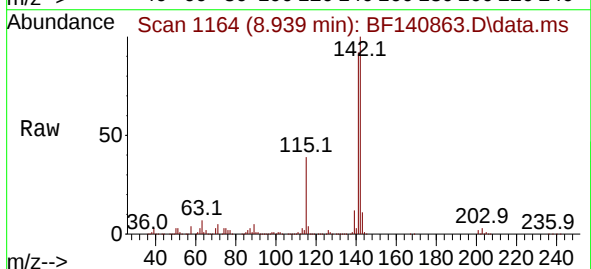
Acq: 16 Dec 2024 16:41

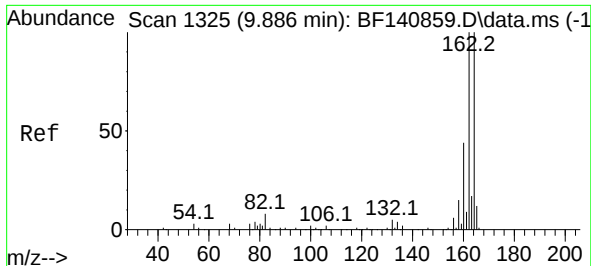
Tgt Ion:142 Resp: 479930

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

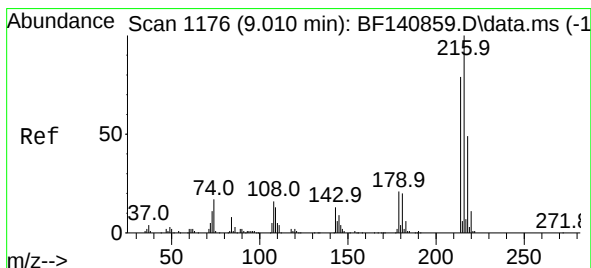
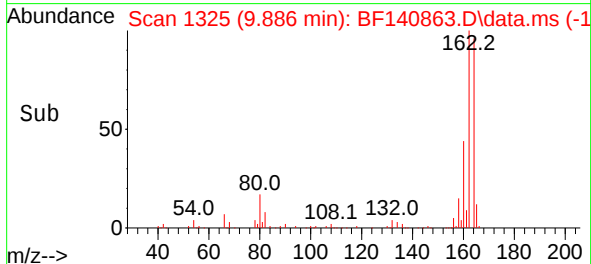
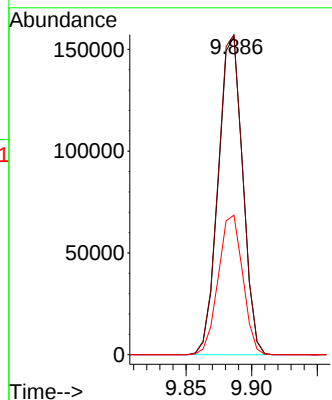
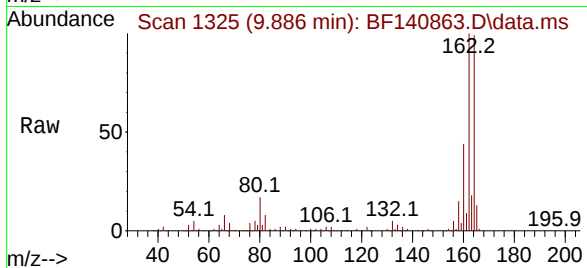
Tgt Ion:164 Resp: 202013

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

160 43.9 35.2 52.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.668 ng

RT: 9.010 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion:216 Resp: 240096

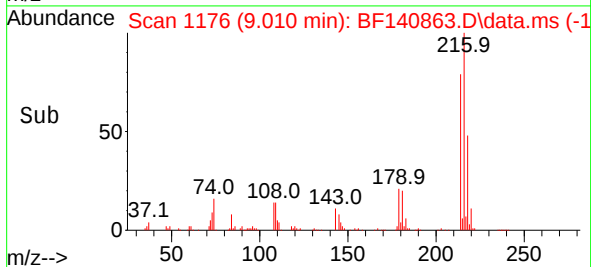
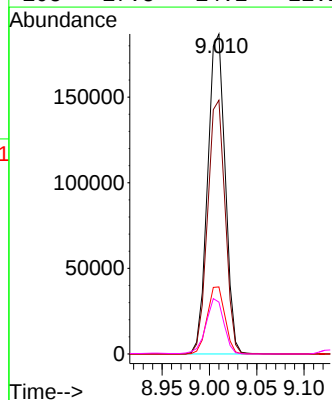
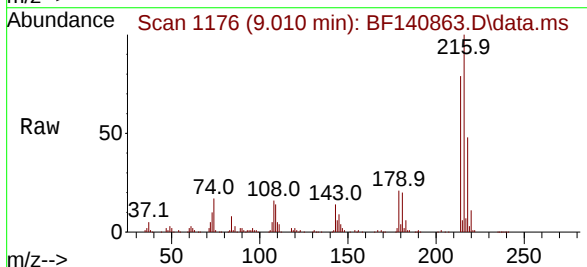
Ion Ratio Lower Upper

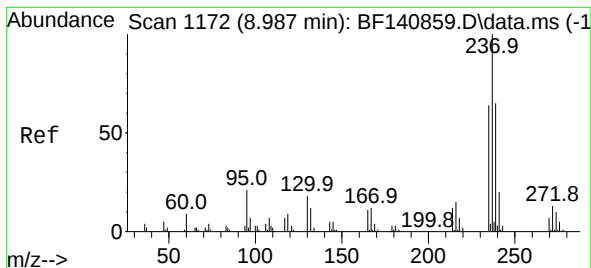
216 100

214 79.3 63.6 95.4

179 21.1 17.0 25.4

108 17.8 14.2 21.2





#41

Hexachlorocyclopentadiene

Concen: 37.672 ng

RT: 8.986 min Scan# 1172

Delta R.T. -0.001 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

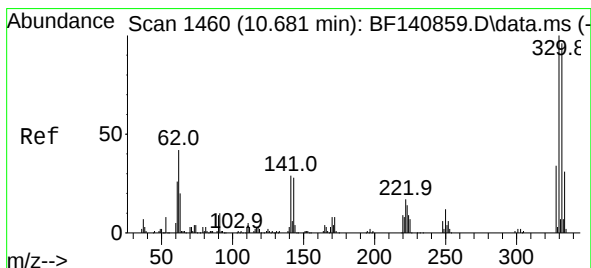
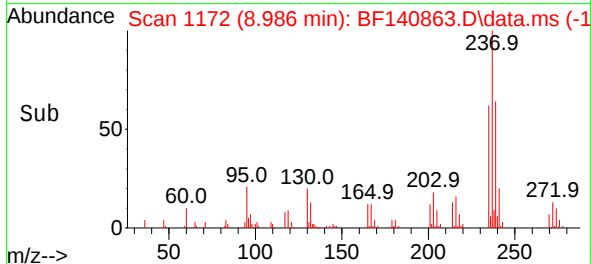
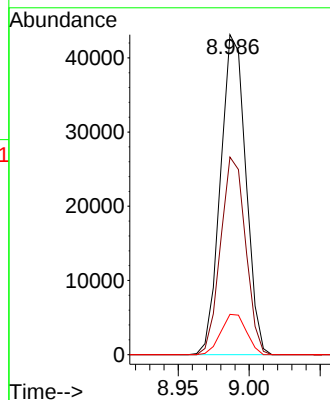
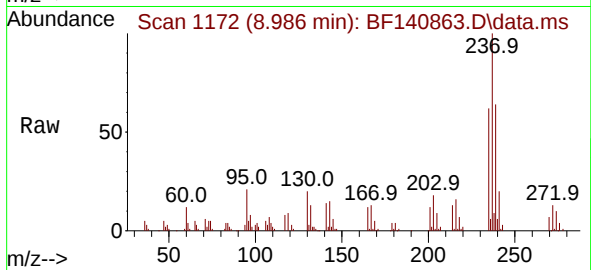
Tgt Ion:237 Resp: 53352

Ion Ratio Lower Upper

237 100

235 61.7 43.7 83.7

272 12.6 0.0 32.9



#42

2,4,6-Tribromophenol

Concen: 67.791 ng

RT: 10.681 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

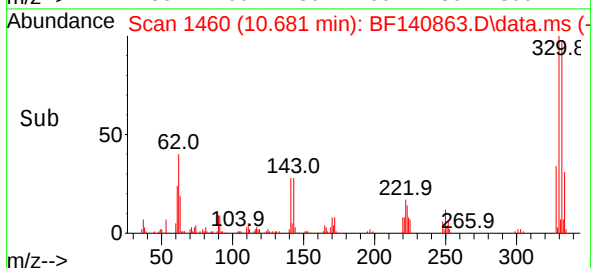
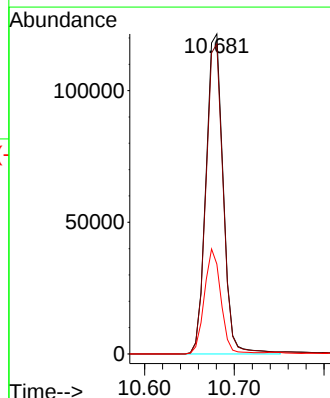
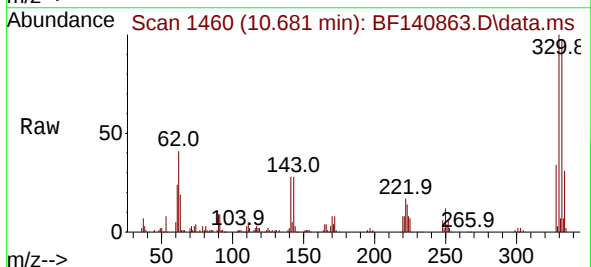
Tgt Ion:330 Resp: 161969

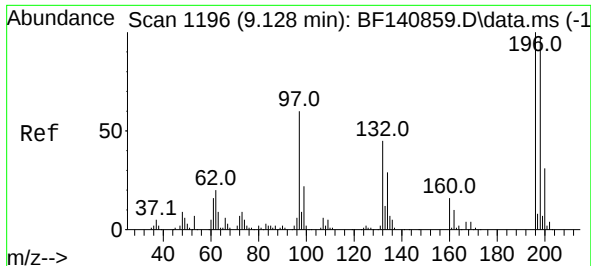
Ion Ratio Lower Upper

330 100

332 99.0 76.2 114.4

141 31.6 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 39.419 ng

RT: 9.128 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

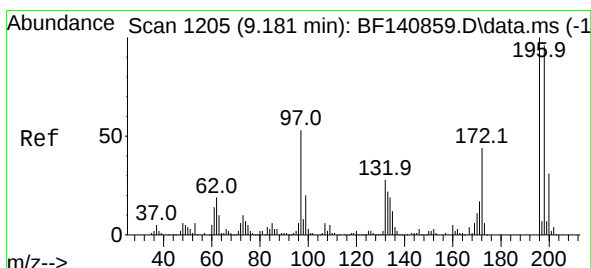
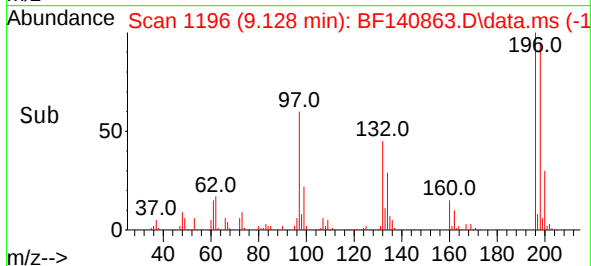
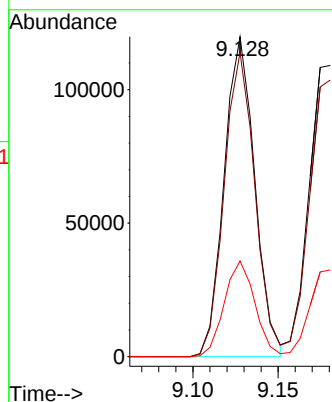
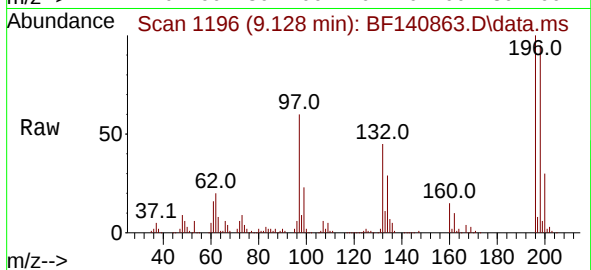
Tgt Ion:196 Resp: 149871

Ion Ratio Lower Upper

196 100

198 95.0 77.4 116.0

200 29.9 24.5 36.7



#44

2,4,5-Trichlorophenol

Concen: 39.895 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Tgt Ion:196 Resp: 166716

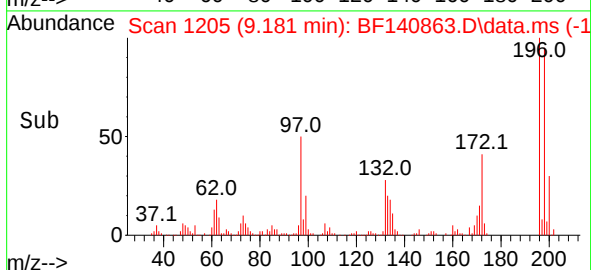
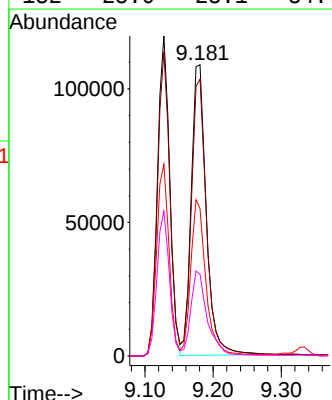
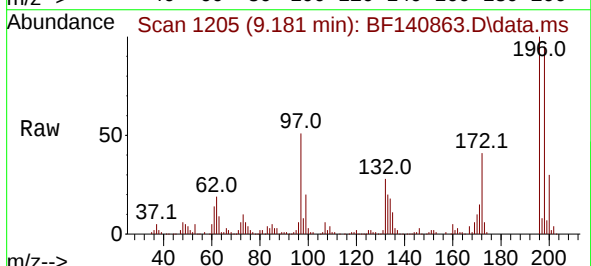
Ion Ratio Lower Upper

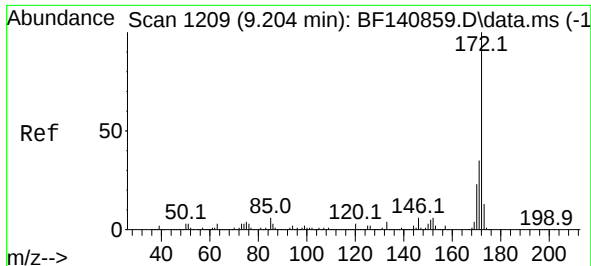
196 100

198 95.0 77.2 115.8

97 50.5 42.2 63.4

132 28.0 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 75.432 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

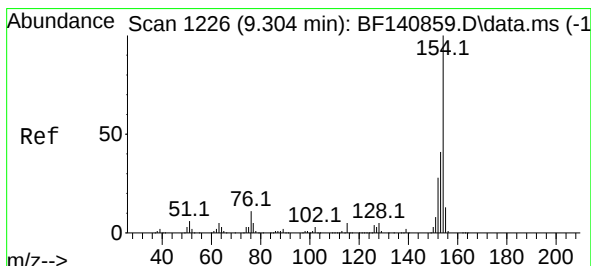
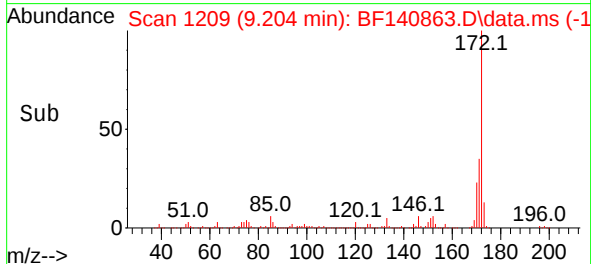
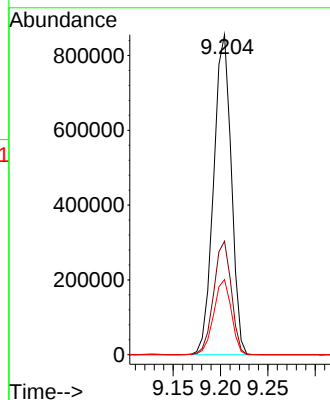
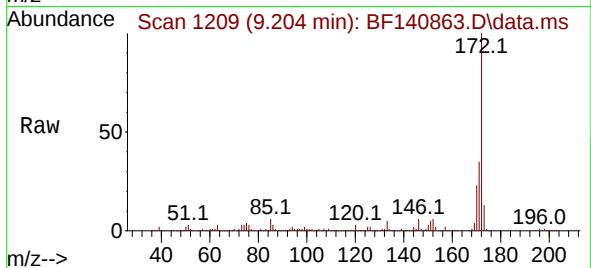
Tgt Ion:172 Resp: 1108356

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.5 18.6 28.0



#46

1,1'-Biphenyl

Concen: 38.412 ng

RT: 9.304 min Scan# 1226

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

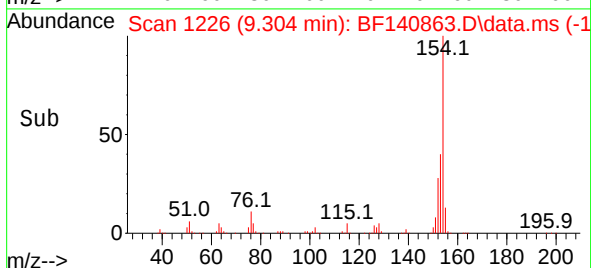
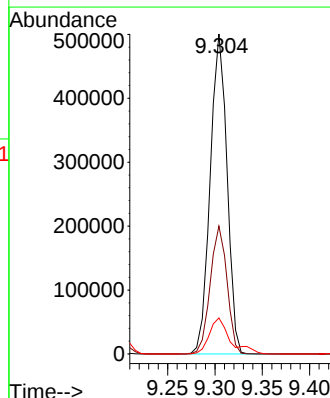
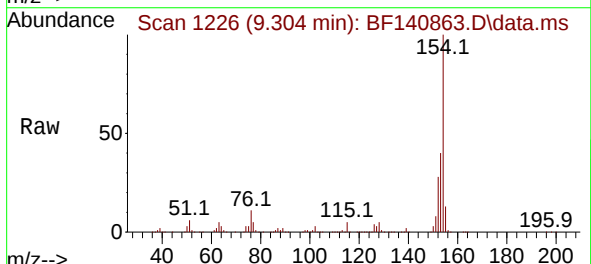
Tgt Ion:154 Resp: 617038

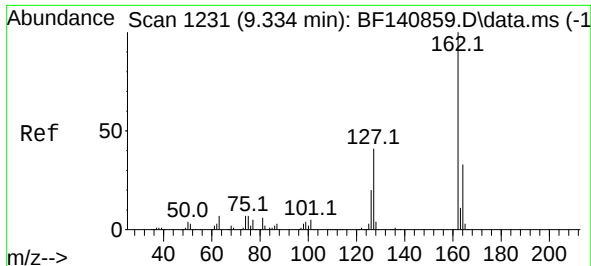
Ion Ratio Lower Upper

154 100

153 39.9 20.8 60.8

76 11.3 0.0 31.0

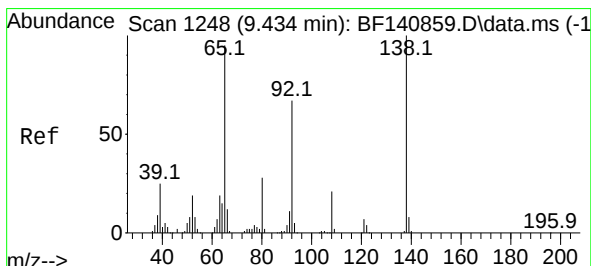
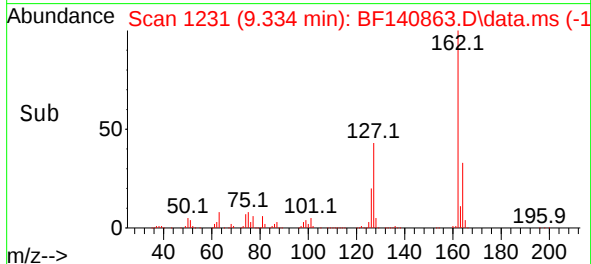
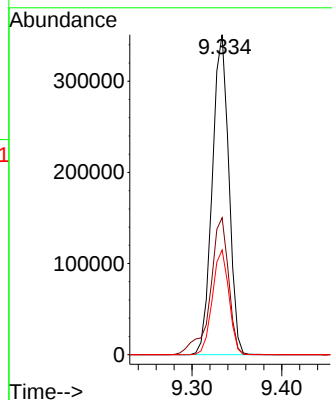
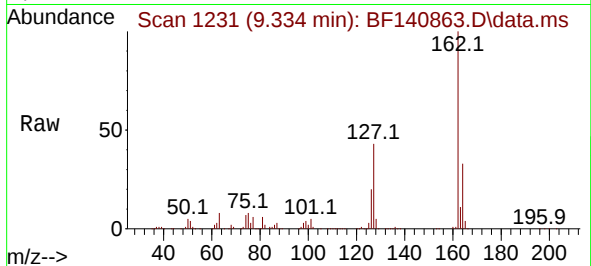




#47
2-Chloronaphthalene
Concen: 36.522 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

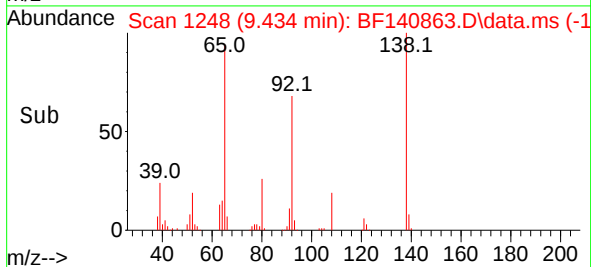
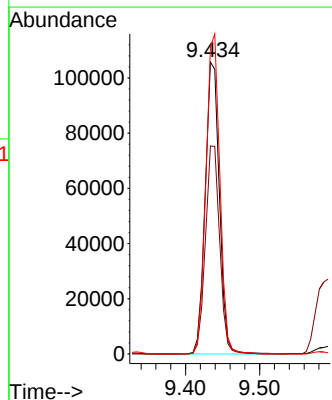
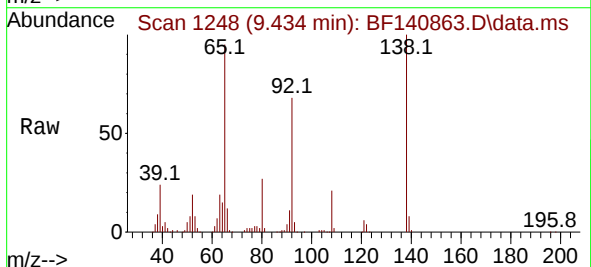
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

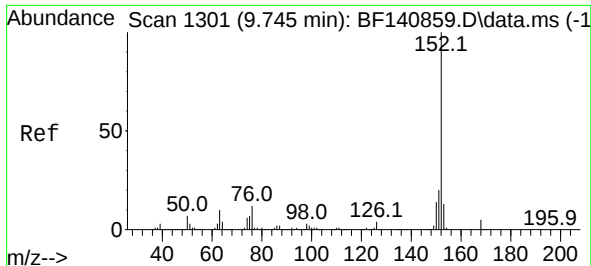
Tgt Ion:162 Resp: 448814
Ion Ratio Lower Upper
162 100
127 42.8 33.5 50.3
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 37.990 ng
RT: 9.434 min Scan# 1248
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion: 65 Resp: 140999
Ion Ratio Lower Upper
65 100
92 71.3 56.3 84.5
138 105.2 83.8 125.6





#49

Acenaphthylene

Concen: 37.651 ng

RT: 9.745 min Scan# 1301

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

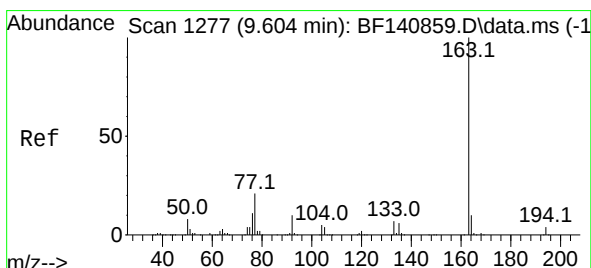
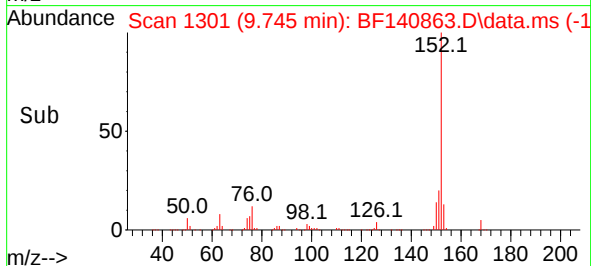
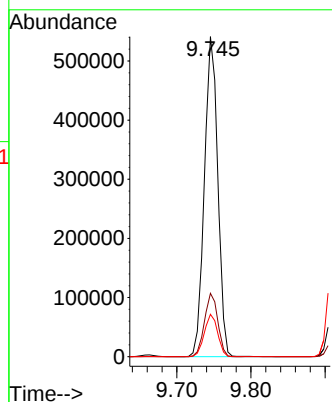
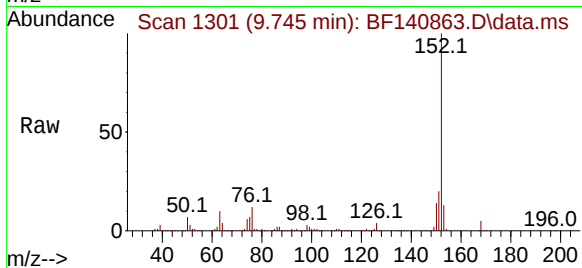
Tgt Ion:152 Resp: 679962

Ion Ratio Lower Upper

152 100

151 19.8 16.0 24.0

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 36.704 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

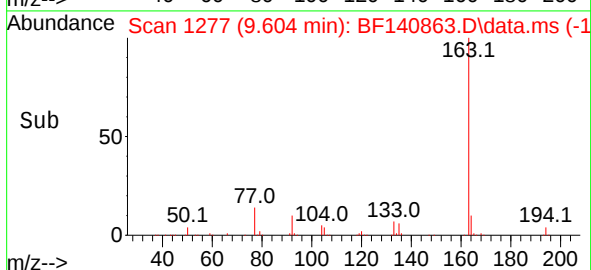
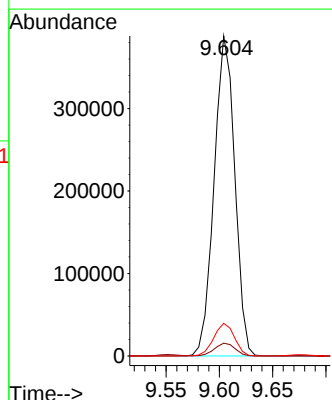
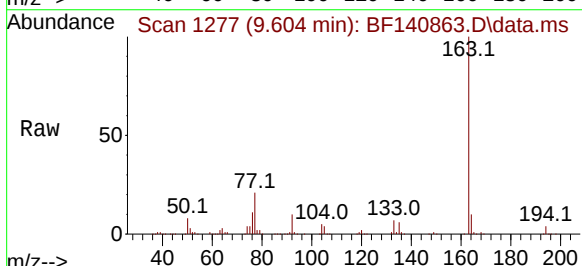
Tgt Ion:163 Resp: 522757

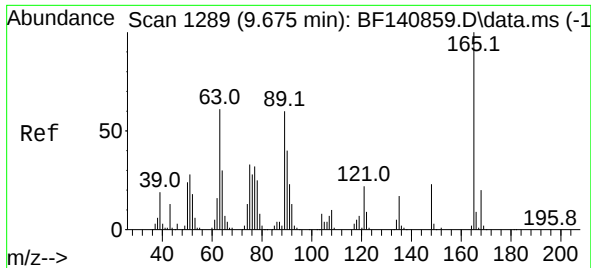
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.2 8.1 12.1

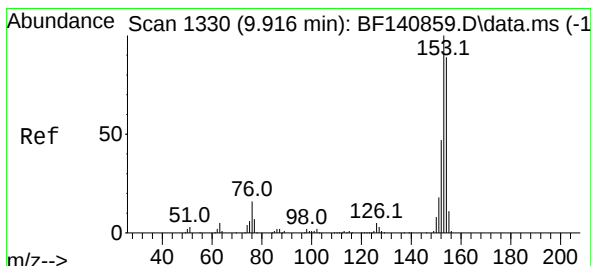
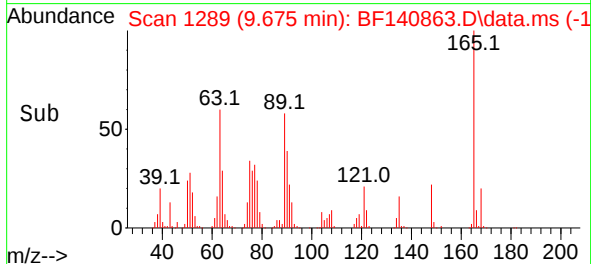
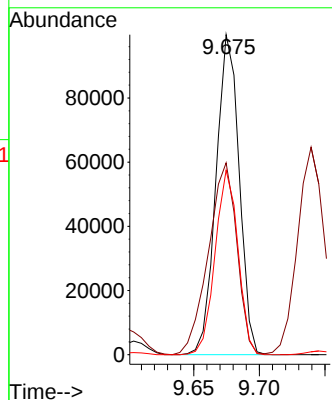
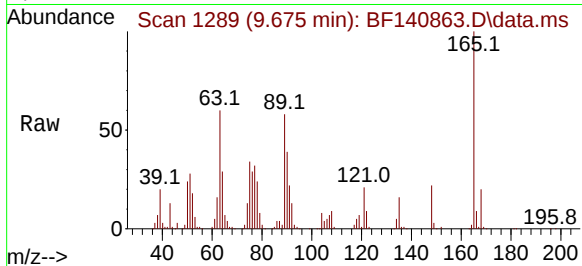




#51
2,6-Dinitrotoluene
Concen: 37.595 ng
RT: 9.675 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

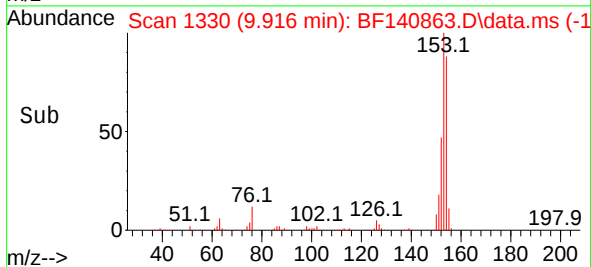
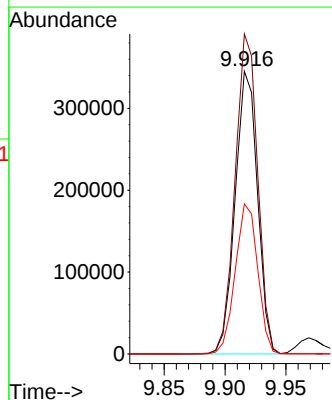
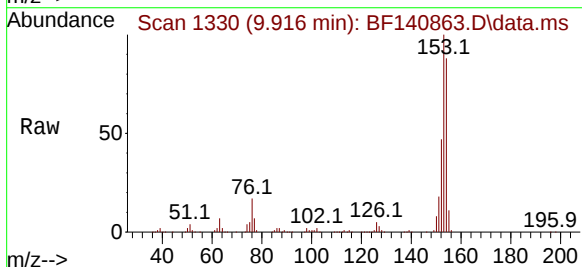
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

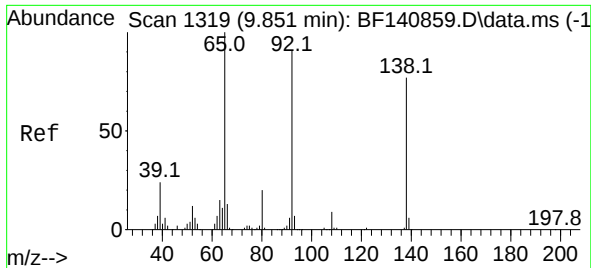
Tgt Ion:165 Resp: 122408
Ion Ratio Lower Upper
165 100
63 60.0 49.7 74.5
89 57.6 48.2 72.4



#52
Acenaphthene
Concen: 38.275 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:154 Resp: 441540
Ion Ratio Lower Upper
154 100
153 113.2 89.9 134.9
152 53.1 42.6 63.8

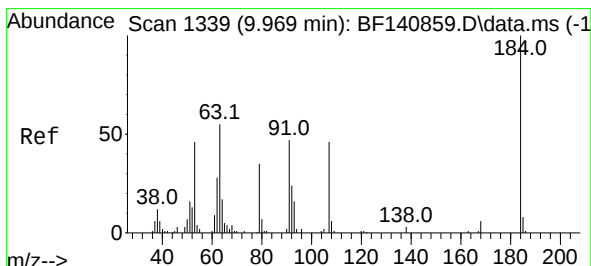
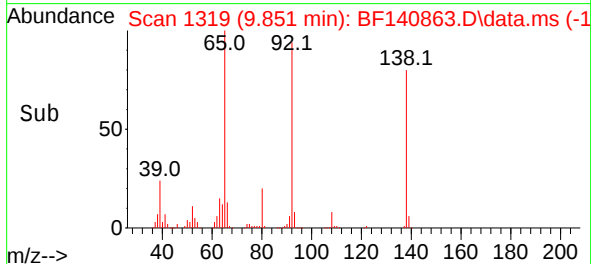
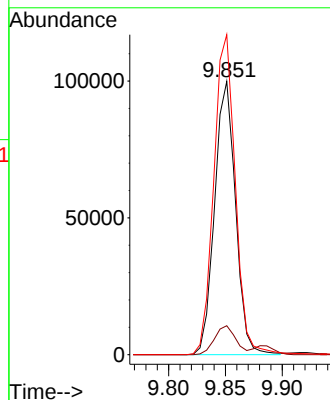
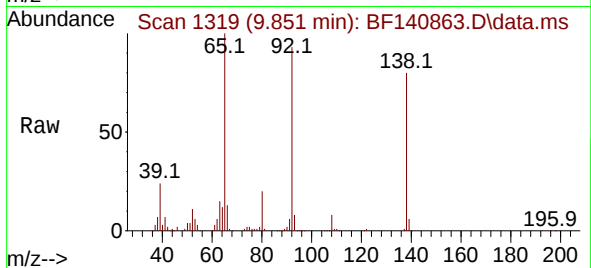




#53
3-Nitroaniline
Concen: 39.722 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

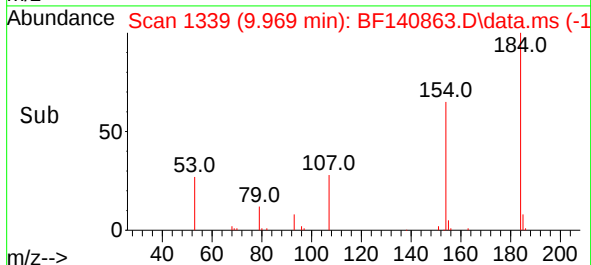
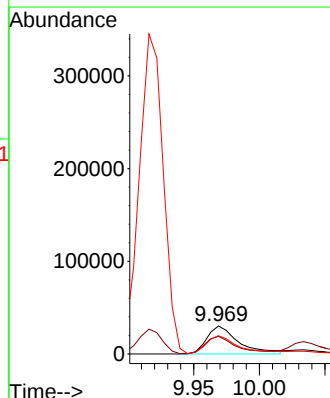
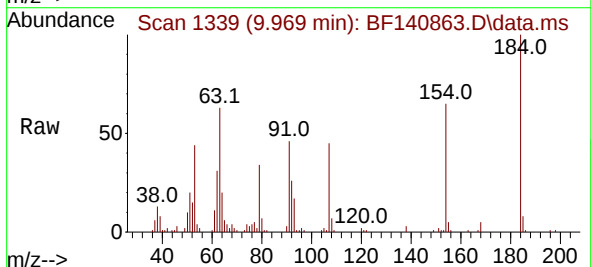
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

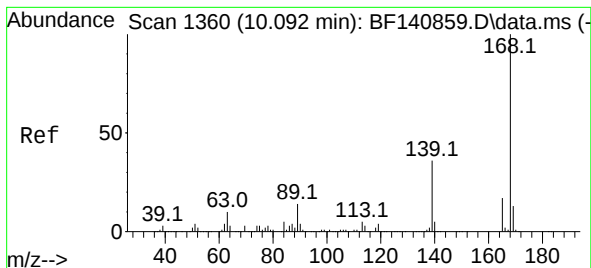
Tgt Ion:138 Resp: 128348
Ion Ratio Lower Upper
138 100
108 10.6 9.0 13.4
92 117.1 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 35.766 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:184 Resp: 50562
Ion Ratio Lower Upper
184 100
63 63.0 51.6 77.4
154 65.4 56.1 84.1





#55

Dibenzenofuran

Concen: 37.113 ng

RT: 10.092 min Scan# 1360

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

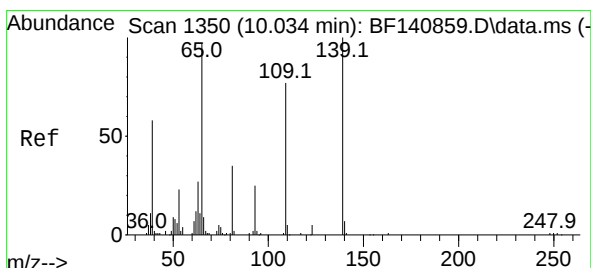
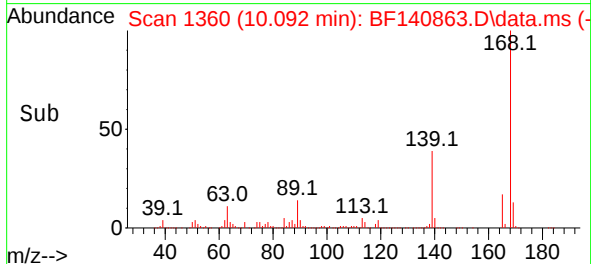
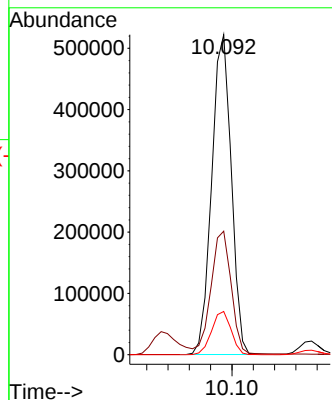
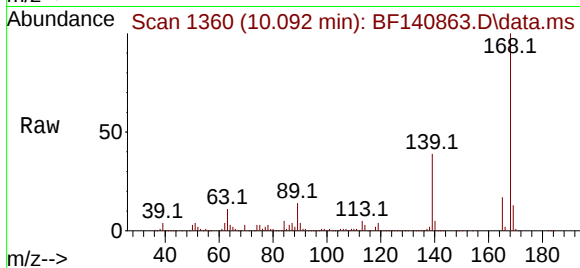
Tgt Ion:168 Resp: 663435

Ion Ratio Lower Upper

168 100

139 38.6 31.1 46.7

169 13.5 10.6 16.0



#56

4-Nitrophenol

Concen: 38.834 ng

RT: 10.033 min Scan# 1350

Delta R.T. -0.001 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

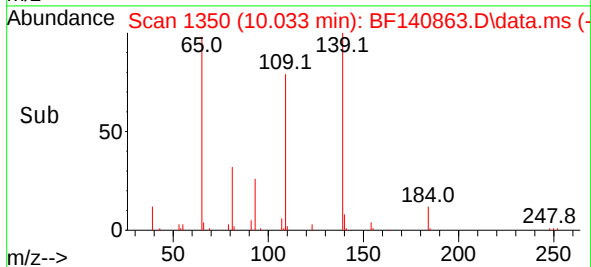
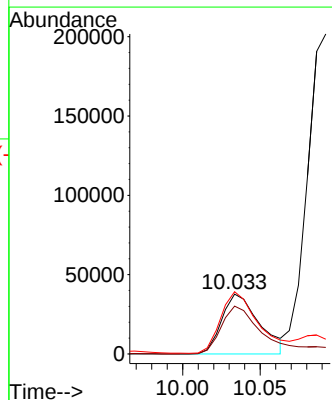
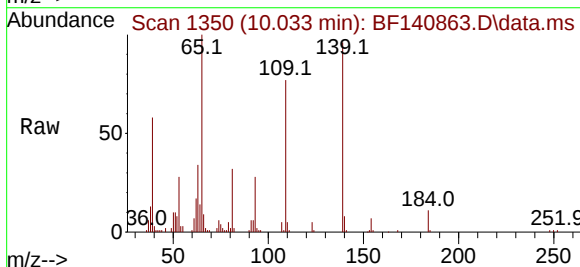
Tgt Ion:139 Resp: 63289

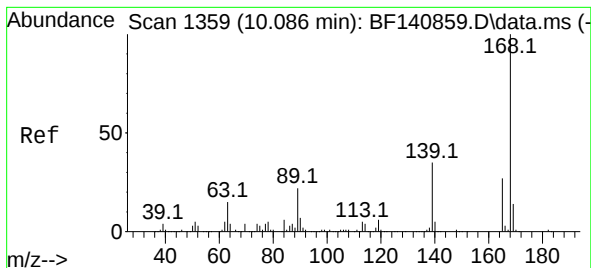
Ion Ratio Lower Upper

139 100

109 80.0 56.7 96.7

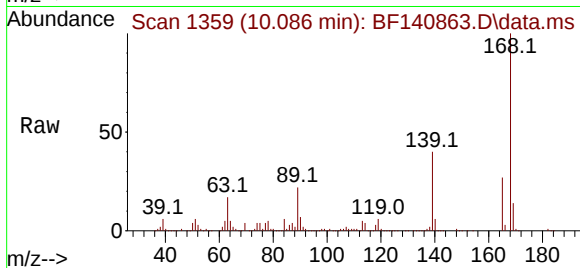
65 103.8 78.1 118.1



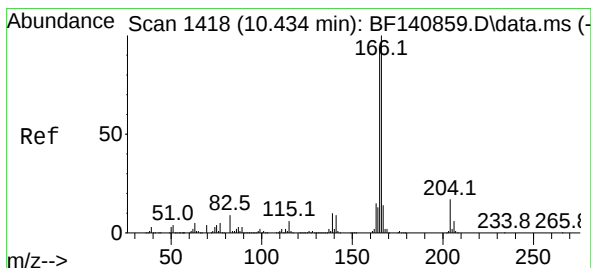
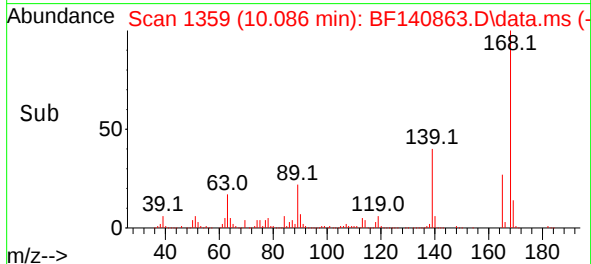
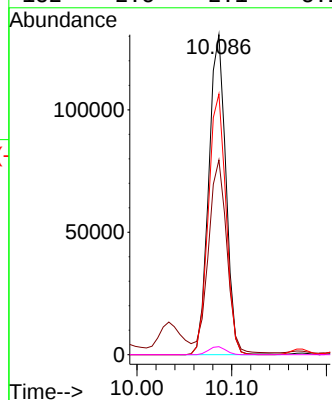


#57
2,4-Dinitrotoluene
Concen: 38.076 ng
RT: 10.086 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Instrument :
BNA_F
ClientSampleId :
ICVBF121624

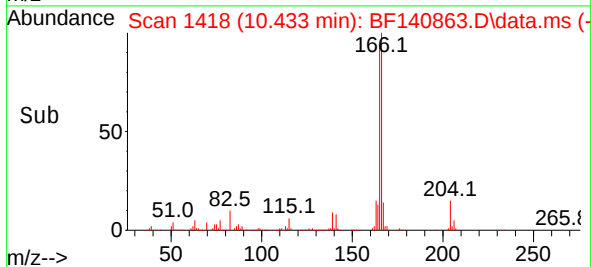
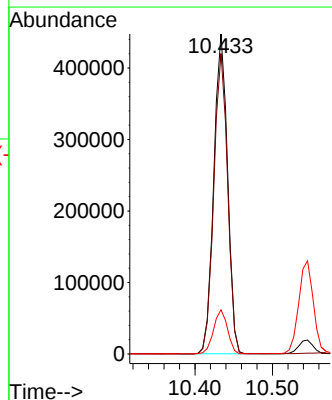
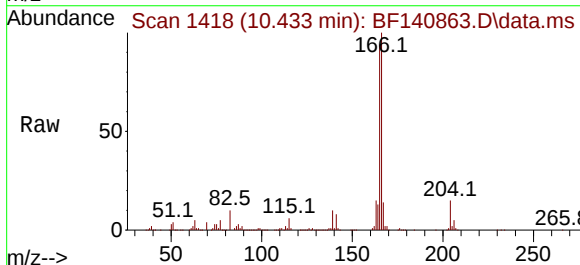


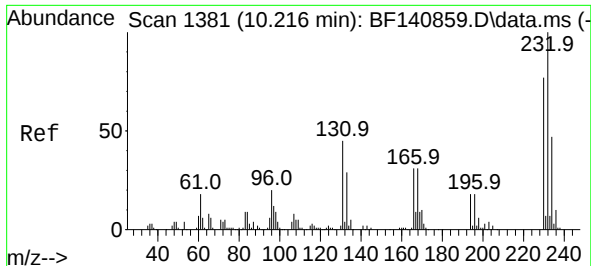
Tgt Ion:165 Resp: 163115
Ion Ratio Lower Upper
165 100
63 60.9 49.3 73.9
89 81.5 66.2 99.4
182 2.5 2.1 3.1



#58
Fluorene
Concen: 37.370 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:166 Resp: 551110
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.8 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.405 ng

RT: 10.216 min Scan# 1381

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

Tgt Ion:232 Resp: 144396

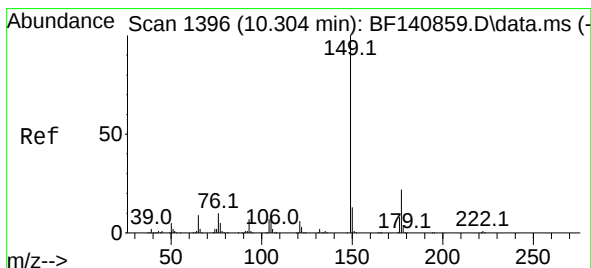
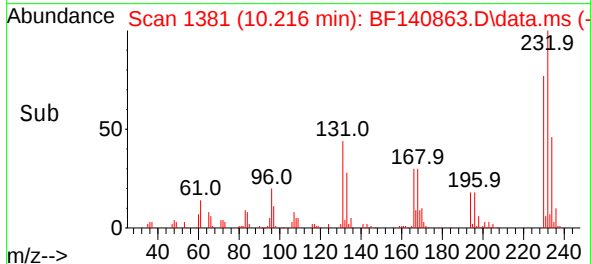
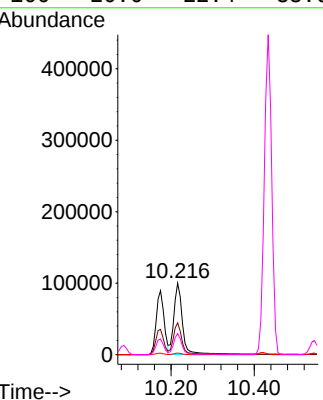
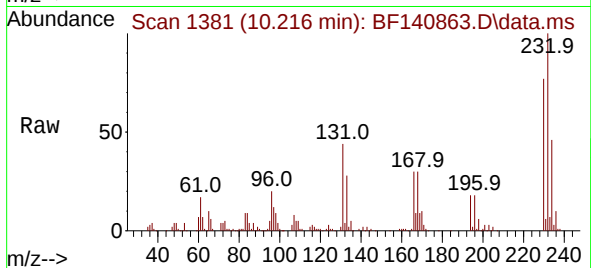
Ion Ratio Lower Upper

232 100

131 42.6 35.1 52.7

130 2.2 1.8 2.8

166 26.6 22.4 33.6



#60

Diethylphthalate

Concen: 37.926 ng

RT: 10.304 min Scan# 1396

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

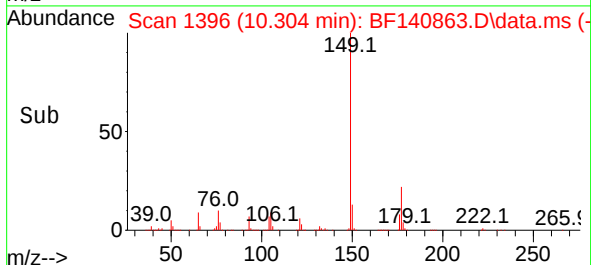
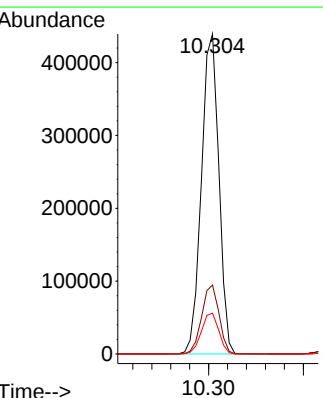
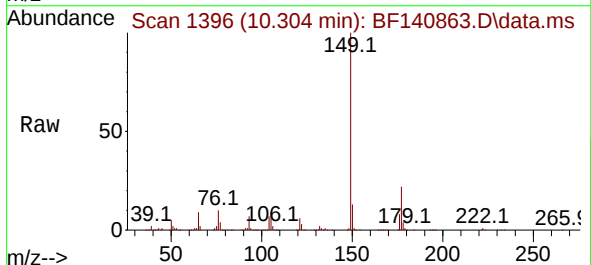
Tgt Ion:149 Resp: 560121

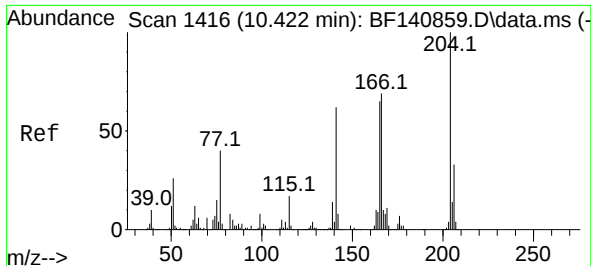
Ion Ratio Lower Upper

149 100

177 21.6 17.2 25.8

150 12.7 10.1 15.1

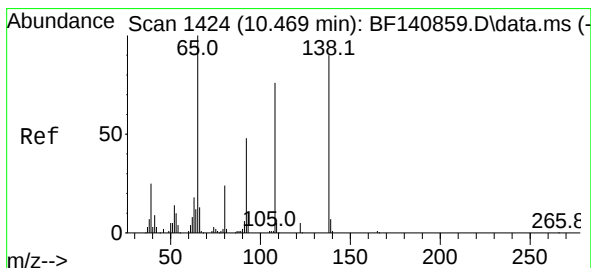
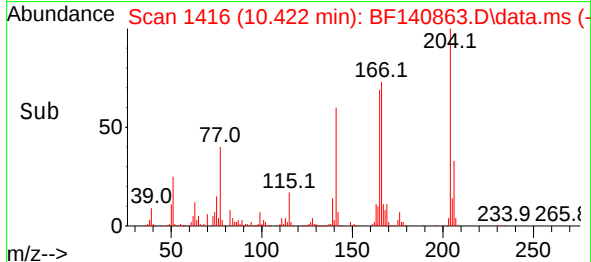
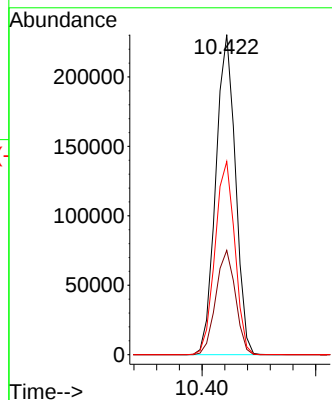
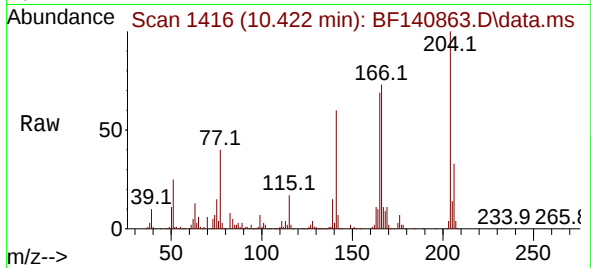




#61
4-Chlorophenyl-phenylether
Concen: 37.398 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

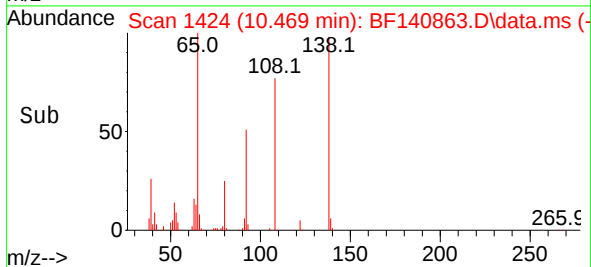
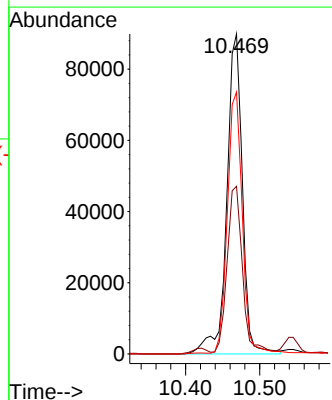
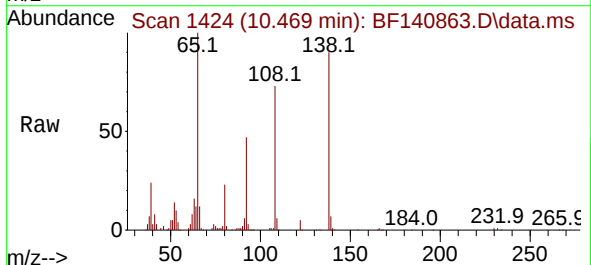
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

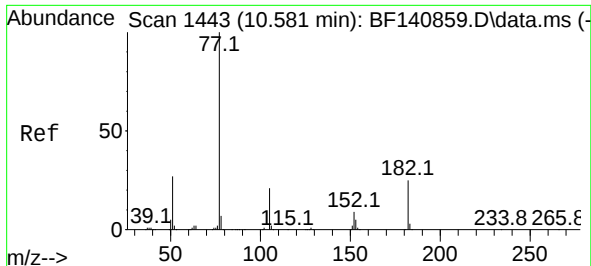
Tgt Ion:204 Resp: 277040
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 60.3 50.0 75.0



#62
4-Nitroaniline
Concen: 38.912 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:138 Resp: 131388
Ion Ratio Lower Upper
138 100
92 52.4 32.6 72.6
108 81.8 64.1 104.1

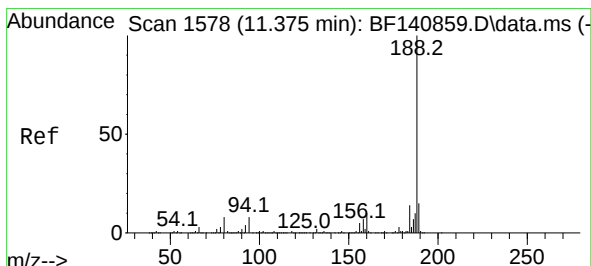
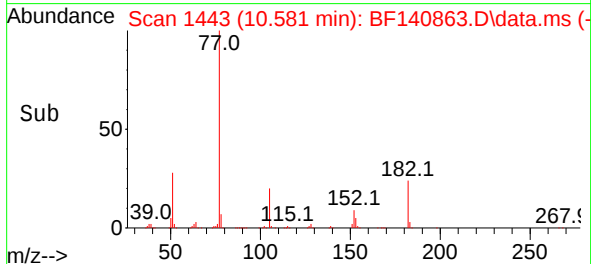
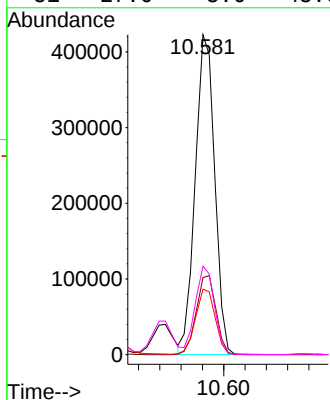
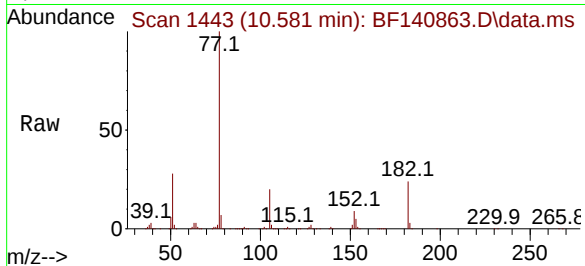




#63
Azobenzene
Concen: 38.657 ng
RT: 10.581 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

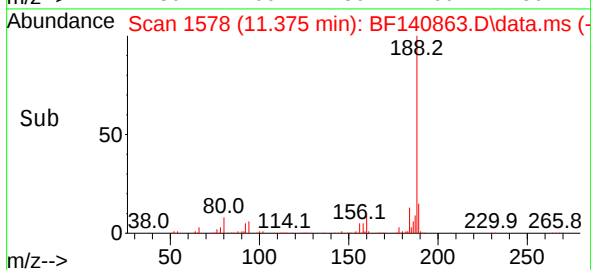
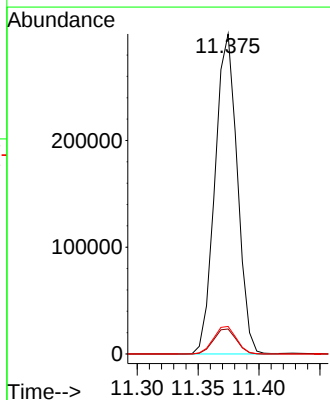
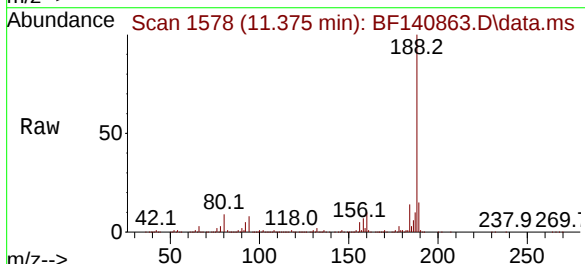
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

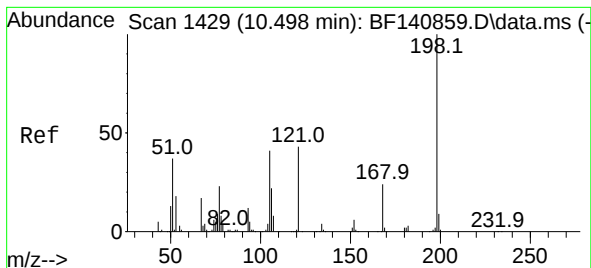
Tgt	Ion: 77	Resp:	536731
Ion	Ratio	Lower	Upper
77	100		
182	24.1	4.5	44.5
105	20.5	0.9	40.9
51	27.6	8.6	48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:188	Resp: 381984
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.6	6.8 10.2

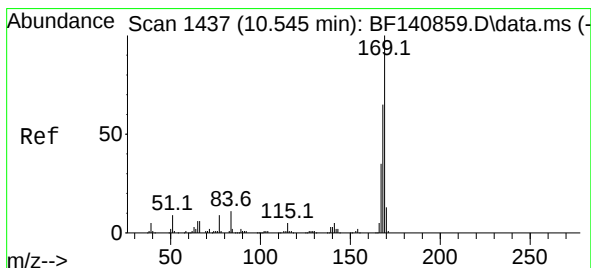
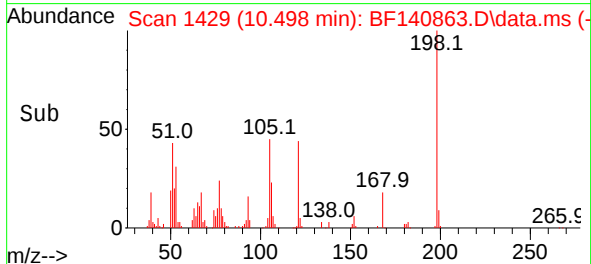
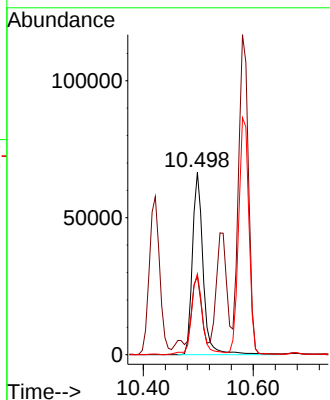
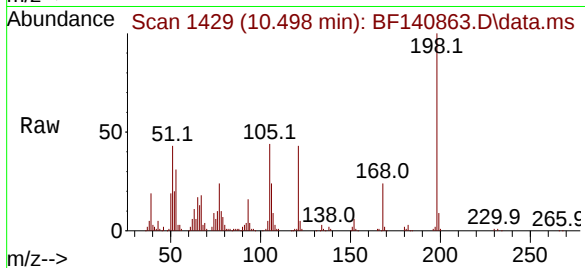




#65
4,6-Dinitro-2-methylphenol
Concen: 41.637 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

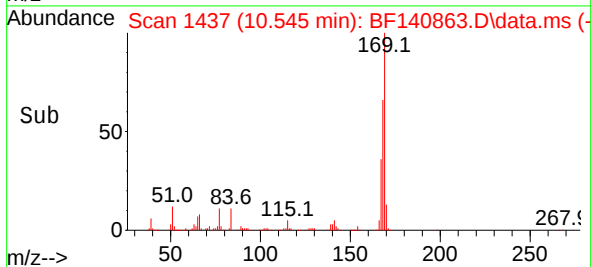
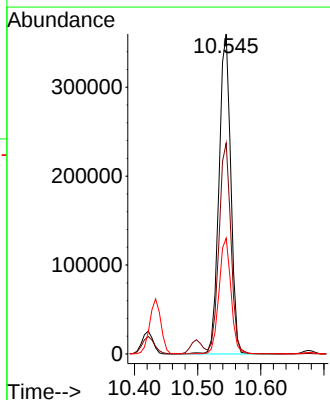
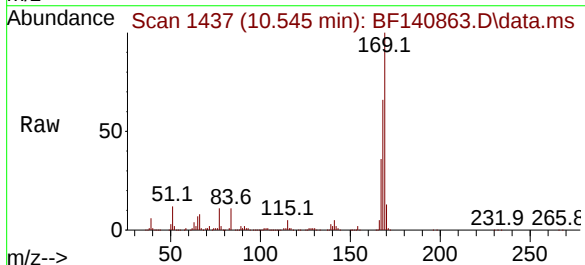
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

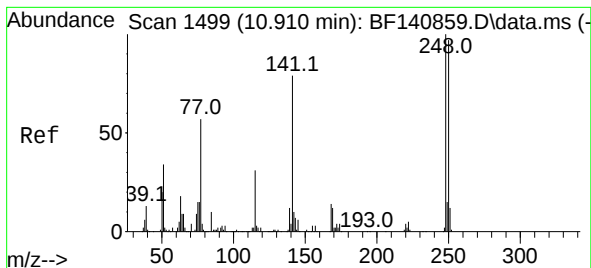
Tgt Ion:198 Resp: 90125
Ion Ratio Lower Upper
198 100
51 42.9 24.4 64.4
105 44.3 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 39.710 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:169 Resp: 466366
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.2 28.3 42.5

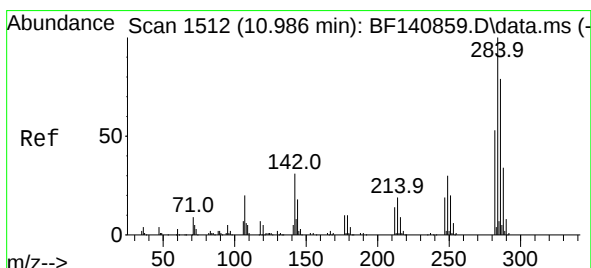
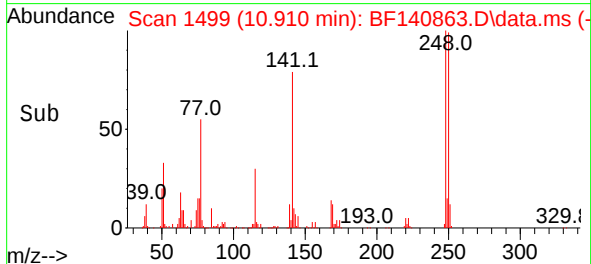
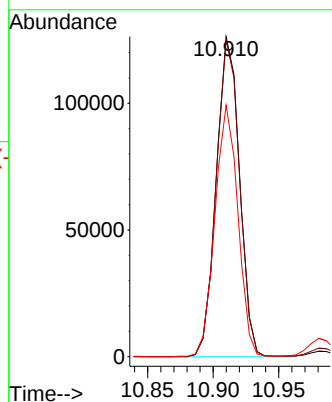
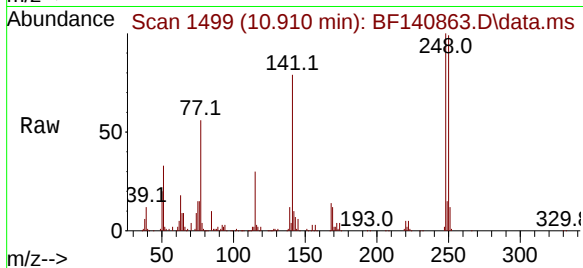




#67
4-Bromophenyl-phenylether
Concen: 36.329 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

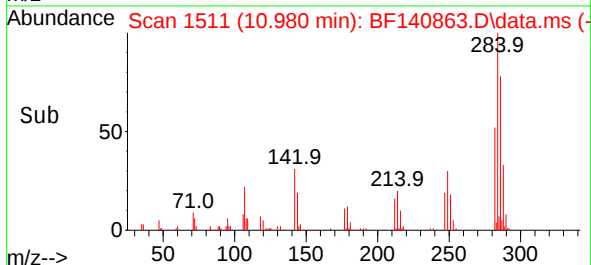
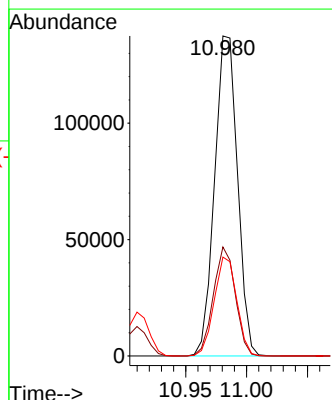
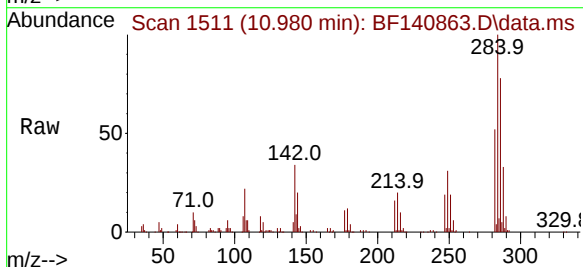
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

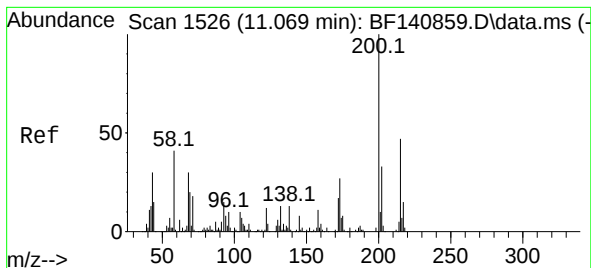
Tgt Ion:248 Resp: 155245
Ion Ratio Lower Upper
248 100
250 98.9 77.4 116.2
141 78.6 62.9 94.3



#68
Hexachlorobenzene
Concen: 37.132 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.006 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:284 Resp: 179906
Ion Ratio Lower Upper
284 100
142 34.0 24.6 36.8
249 30.9 24.3 36.5





#69

Atrazine

Concen: 36.838 ng

RT: 11.069 min Scan# 1526

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

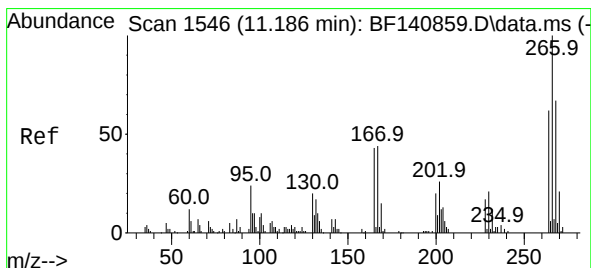
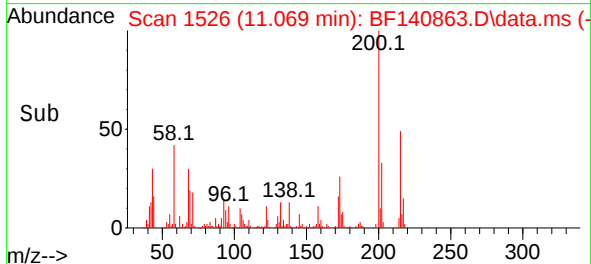
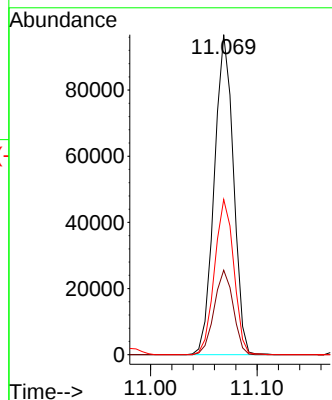
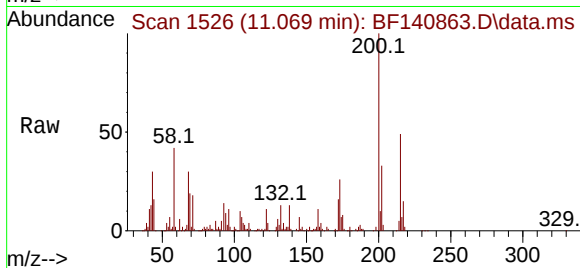
Tgt Ion:200 Resp: 120830

Ion Ratio Lower Upper

200 100

173 26.4 6.6 46.6

215 48.5 26.7 66.7



#70

Pentachlorophenol

Concen: 38.679 ng

RT: 11.186 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

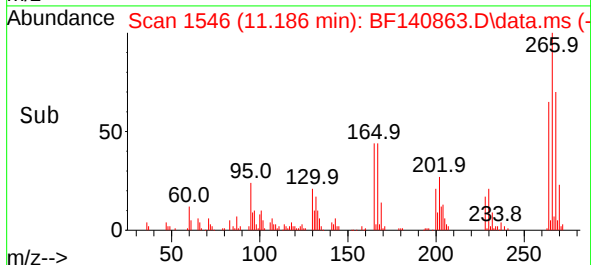
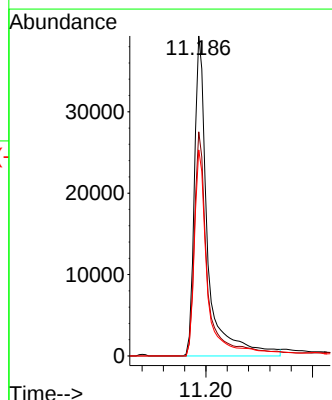
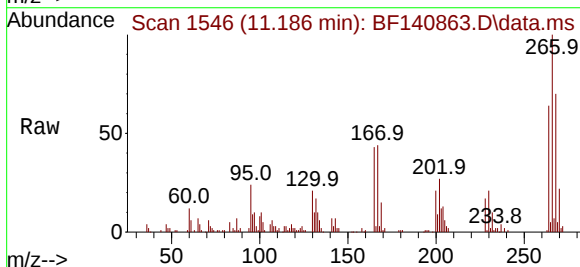
Tgt Ion:266 Resp: 68516

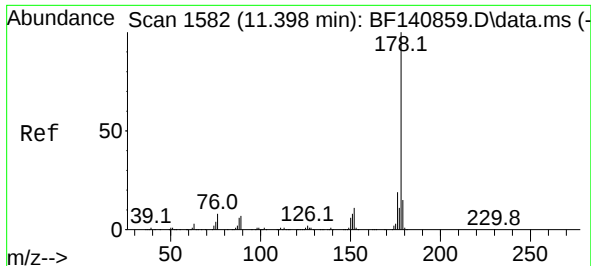
Ion Ratio Lower Upper

266 100

268 70.1 54.0 81.0

264 64.4 49.4 74.2

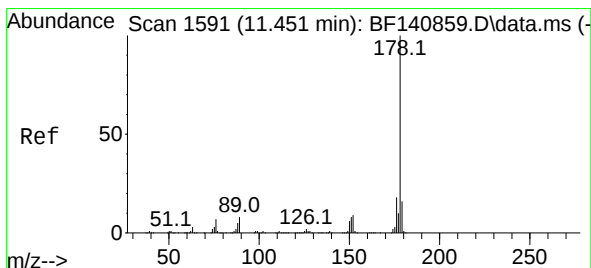
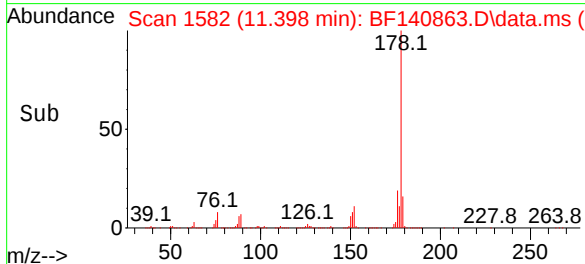
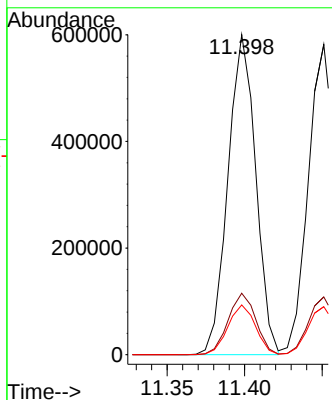
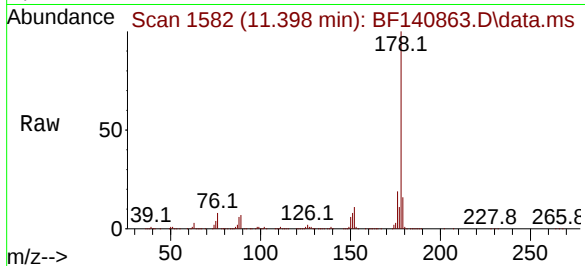




#71
Phenanthrene
Concen: 38.078 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

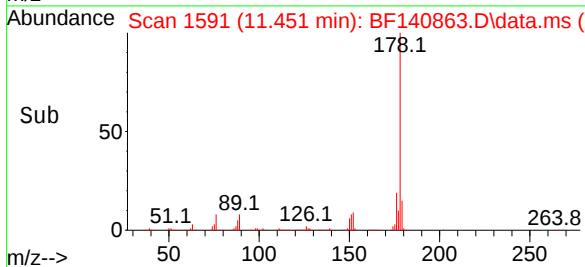
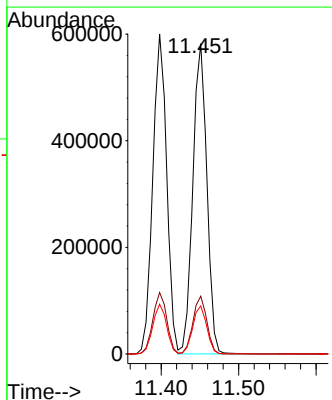
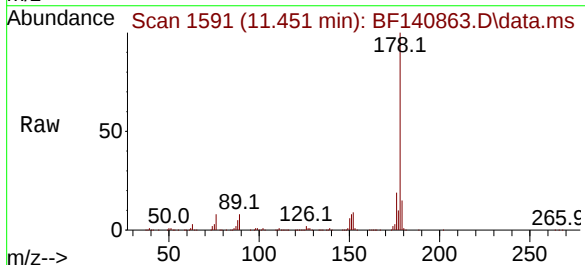
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

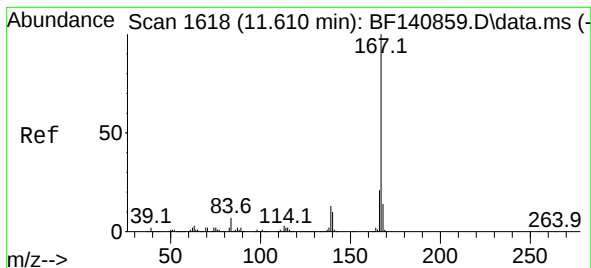
Tgt Ion:178 Resp: 747974
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.1 18.1



#72
Anthracene
Concen: 37.720 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:178 Resp: 729685
Ion Ratio Lower Upper
178 100
176 18.6 14.6 22.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 32.390 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

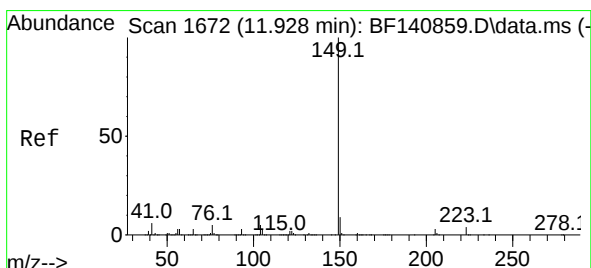
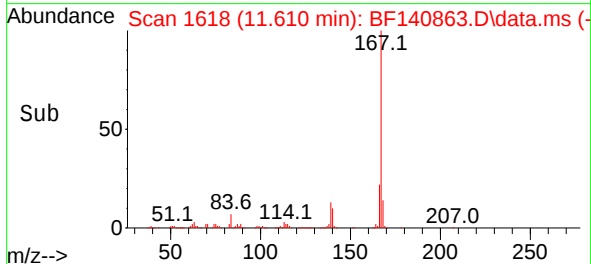
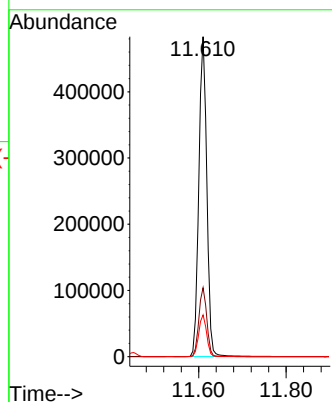
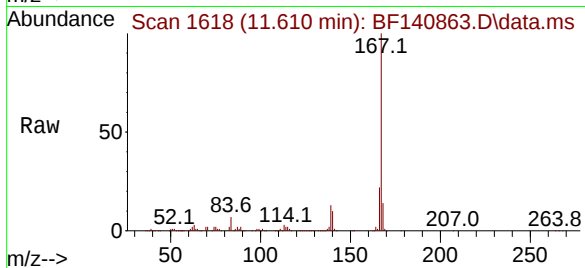
Tgt Ion:167 Resp: 613711

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.1 10.2 15.2



#74

Di-n-butylphthalate

Concen: 33.782 ng

RT: 11.927 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

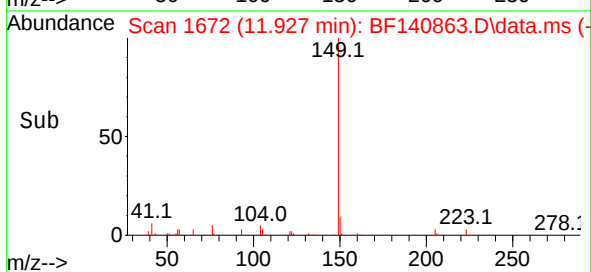
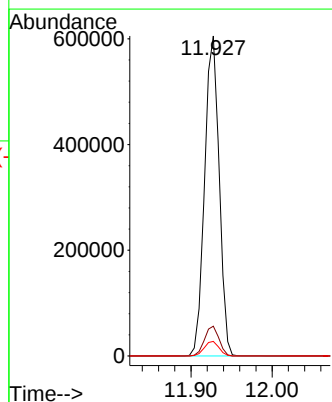
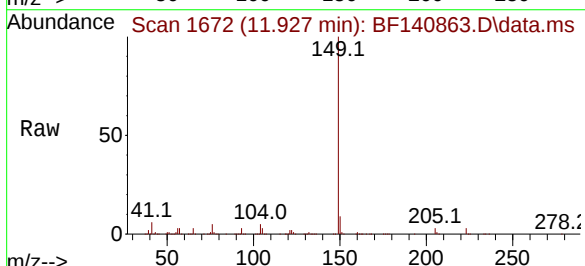
Tgt Ion:149 Resp: 751217

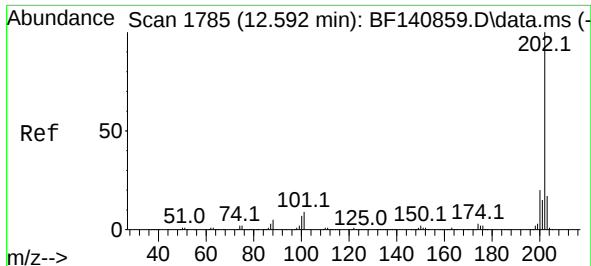
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 4.5 3.8 5.8

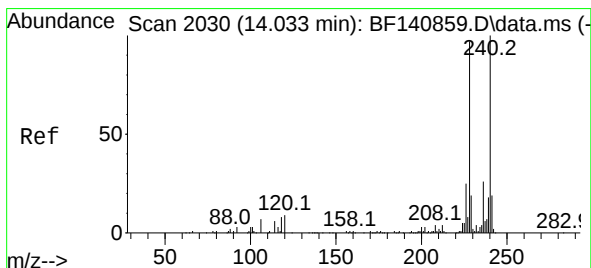
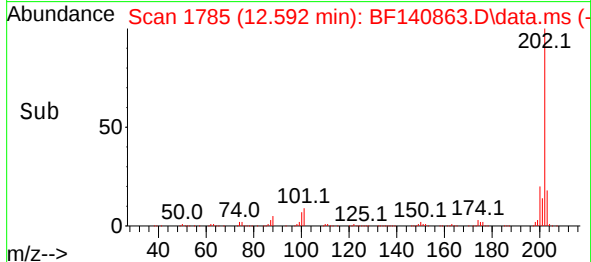
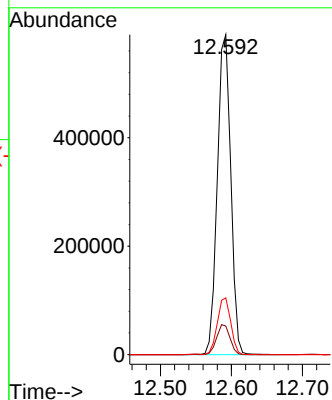
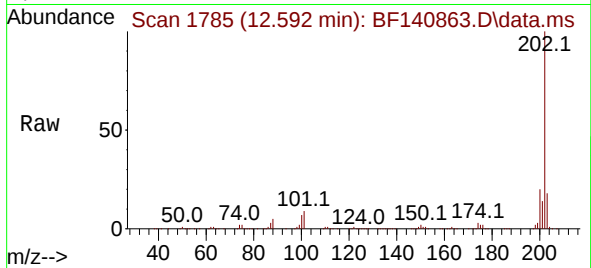




#75
Fluoranthene
Concen: 34.163 ng
RT: 12.592 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

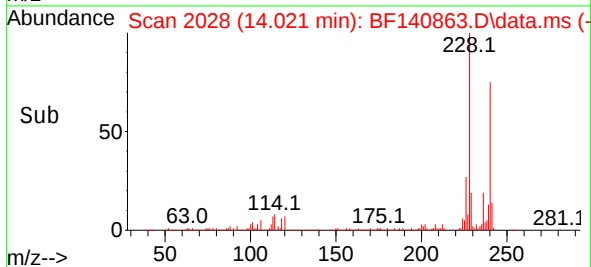
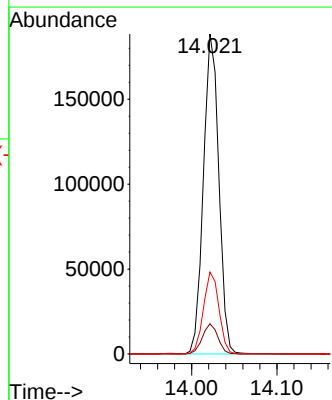
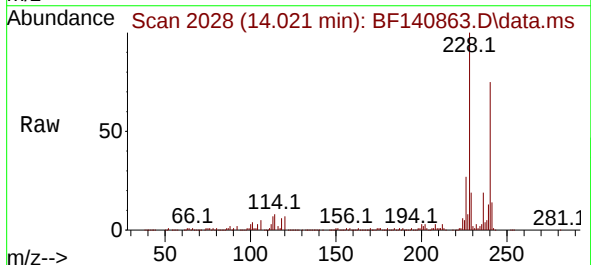
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

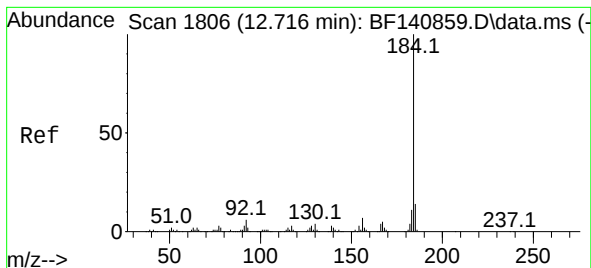
Tgt Ion:202 Resp: 772859
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.3
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:240 Resp: 236413
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.6 20.5 30.7





#77

Benzidine

Concen: 36.642 ng

RT: 12.716 min Scan# 1806

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

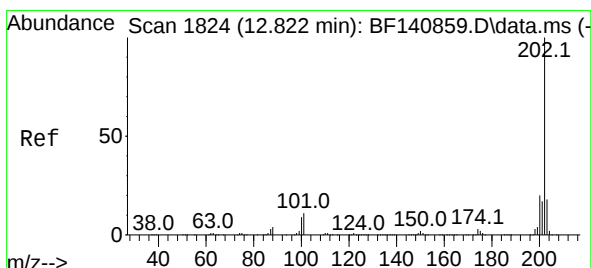
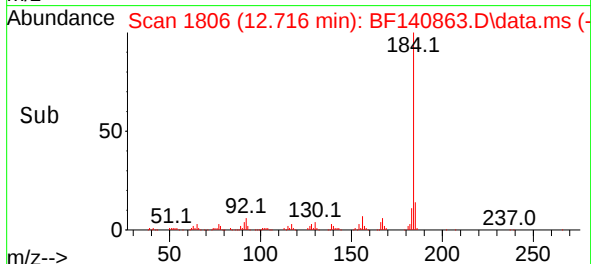
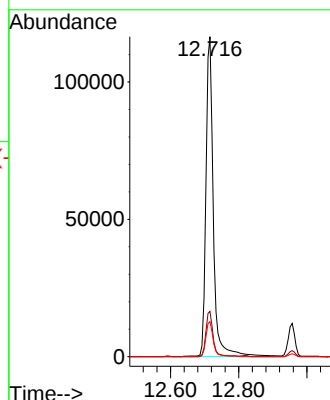
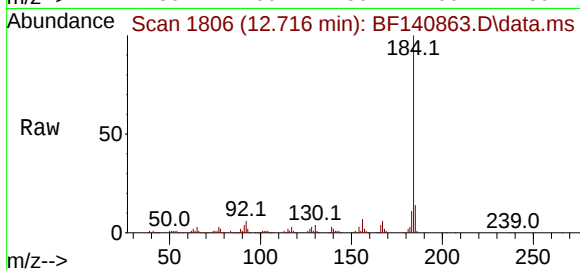
Tgt Ion:184 Resp: 176802

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

183 10.9 9.0 13.4



#78

Pyrene

Concen: 37.714 ng

RT: 12.822 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

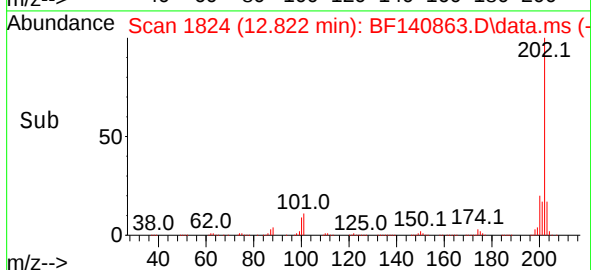
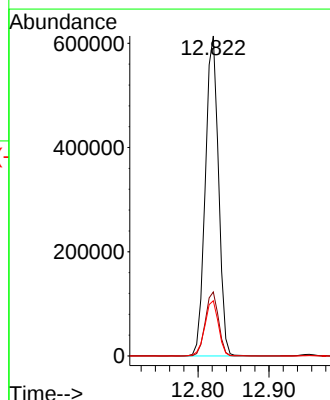
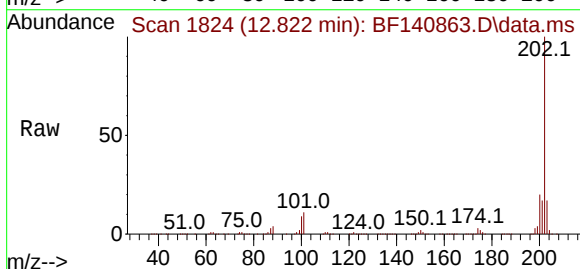
Tgt Ion:202 Resp: 792874

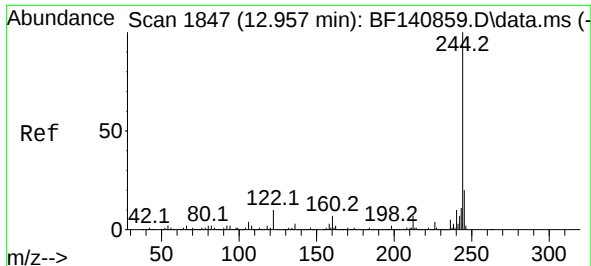
Ion Ratio Lower Upper

202 100

200 20.0 16.1 24.1

203 17.3 14.2 21.4

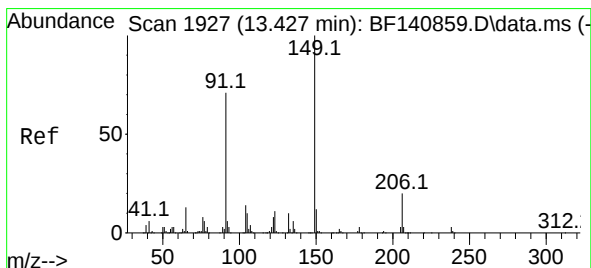
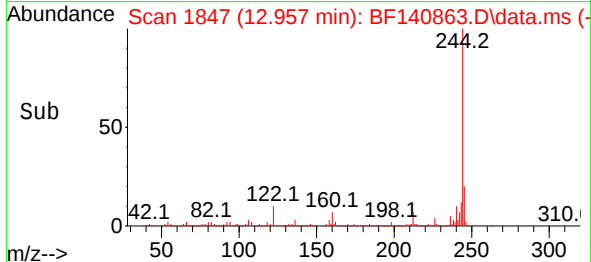
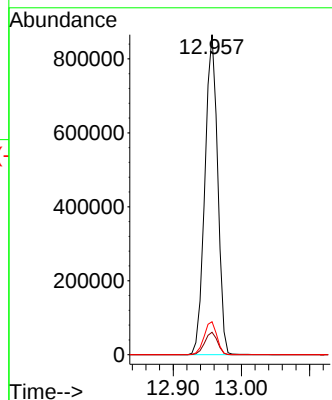
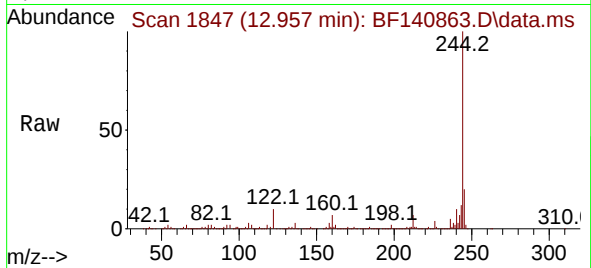




#79
 Terphenyl-d14
 Concen: 75.108 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140863.D
 Acq: 16 Dec 2024 16:41

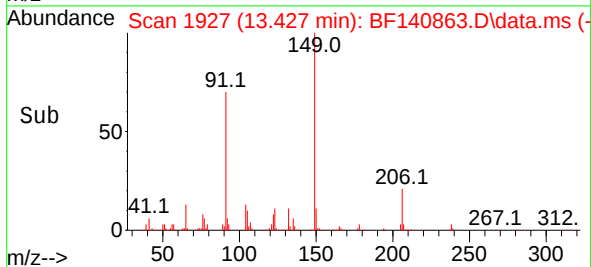
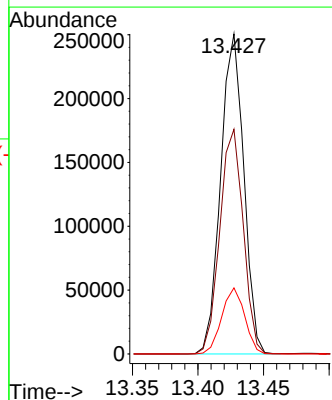
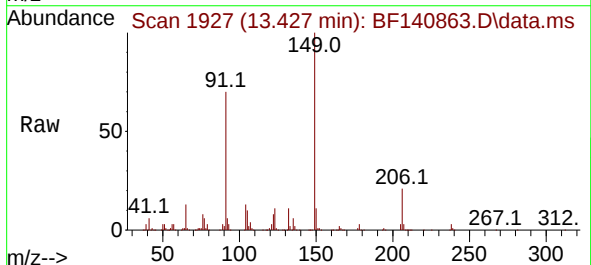
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

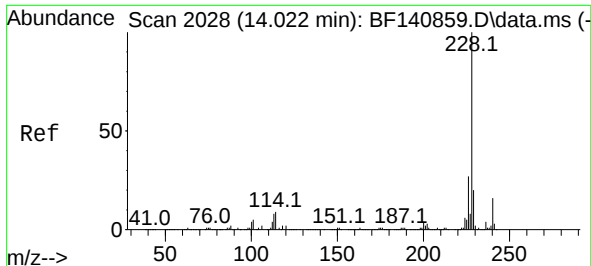
Tgt Ion:244 Resp: 1126061
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.3 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 39.692 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.000 min
 Lab File: BF140863.D
 Acq: 16 Dec 2024 16:41

Tgt Ion:149 Resp: 307036
 Ion Ratio Lower Upper
 149 100
 91 70.2 56.7 85.1
 206 20.6 16.4 24.6

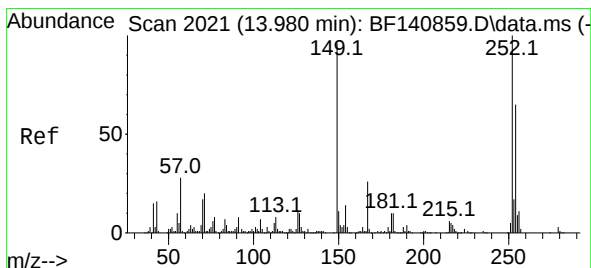
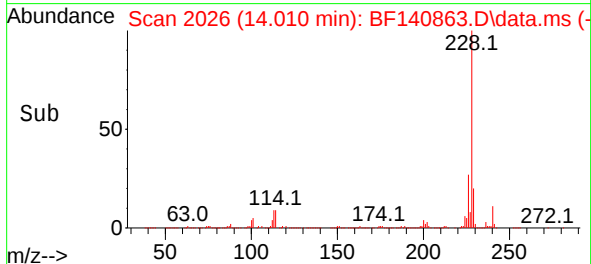
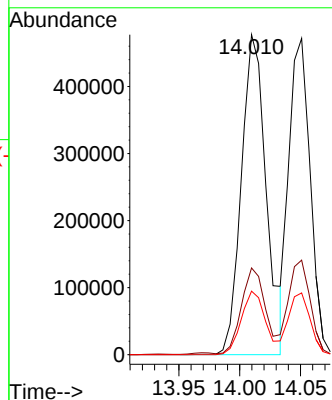
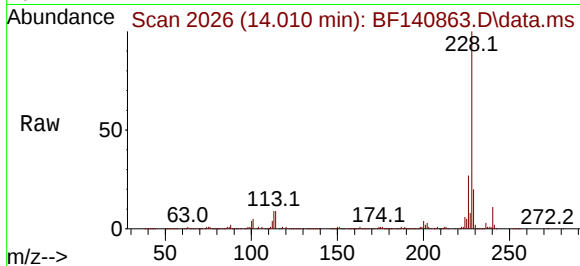




#81
Benzo(a)anthracene
Concen: 40.525 ng
RT: 14.010 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

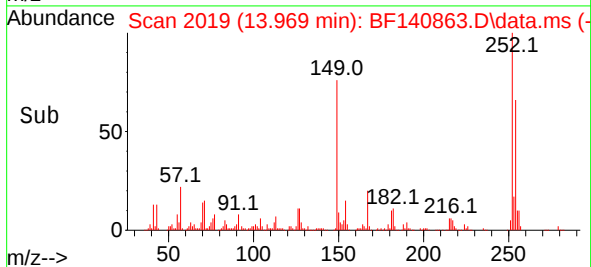
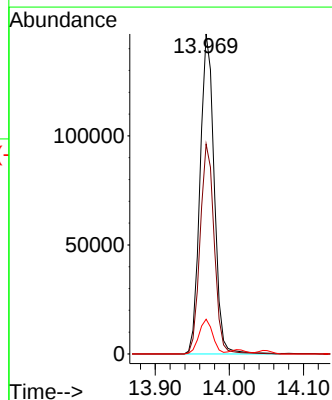
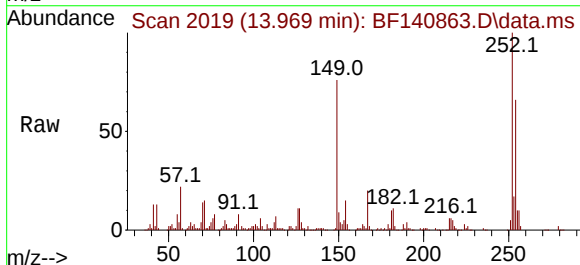
Instrument :
BNA_F
ClientSampleId :
ICVBF121624

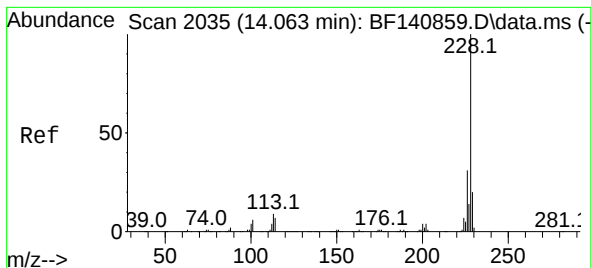
Tgt Ion:228 Resp: 679017
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.8 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 38.459 ng
RT: 13.969 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF140863.D
Acq: 16 Dec 2024 16:41

Tgt Ion:252 Resp: 194418
Ion Ratio Lower Upper
252 100
254 65.6 52.3 78.5
126 10.8 8.4 12.6





#83

Chrysene

Concen: 37.695 ng

RT: 14.051 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

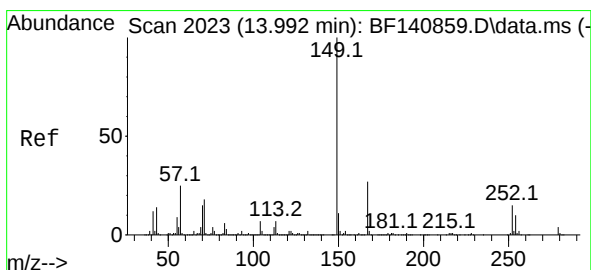
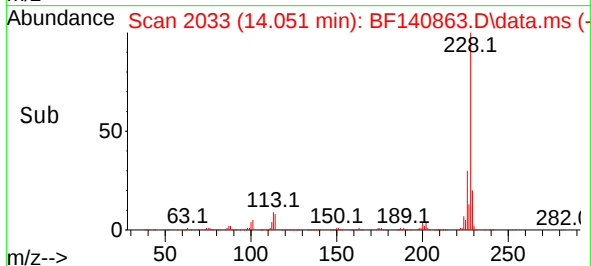
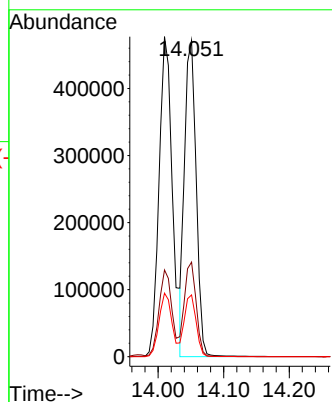
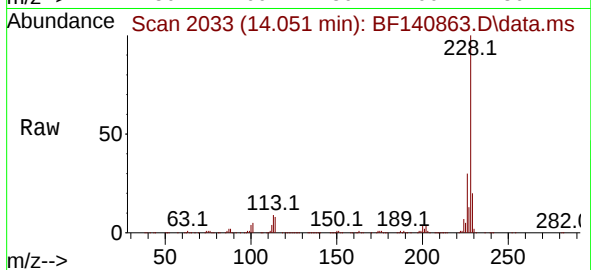
Tgt Ion:228 Resp: 574336

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.982 ng

RT: 13.980 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

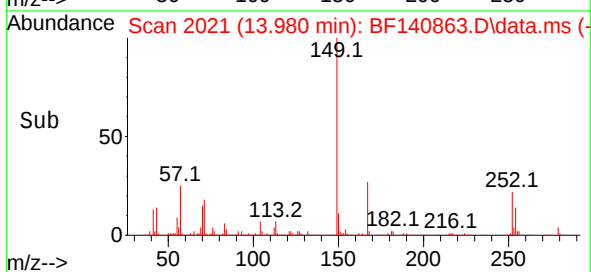
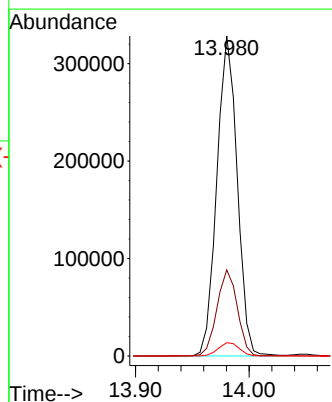
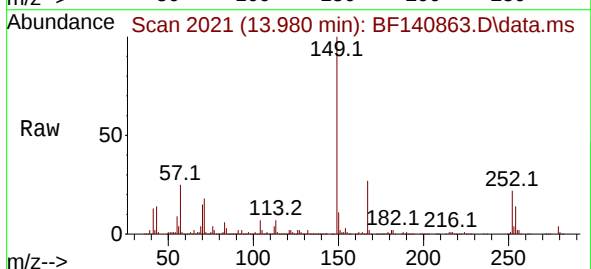
Tgt Ion:149 Resp: 408768

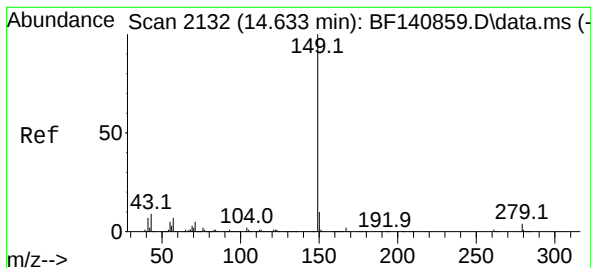
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 40.907 ng

RT: 14.598 min Scan# 2132

Delta R.T. -0.035 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

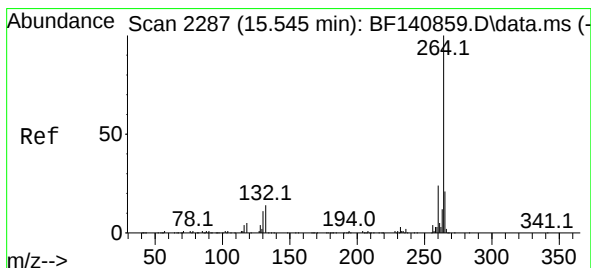
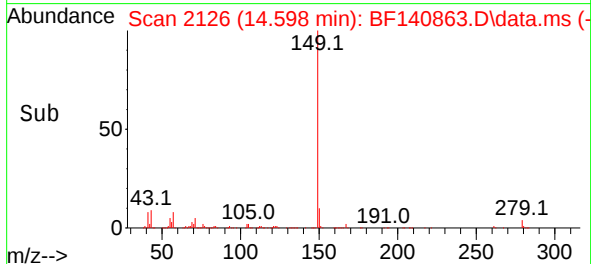
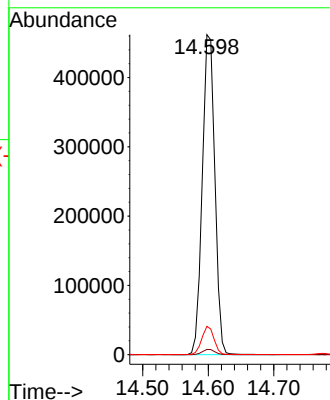
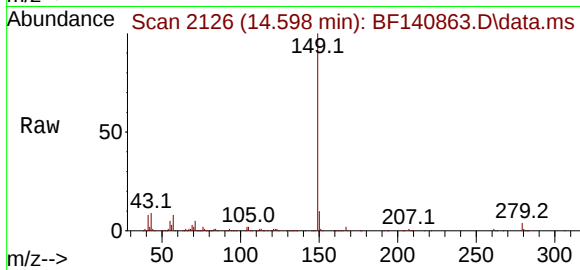
Tgt Ion:149 Resp: 617289

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. -0.041 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

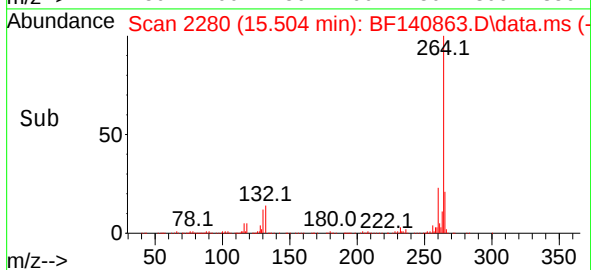
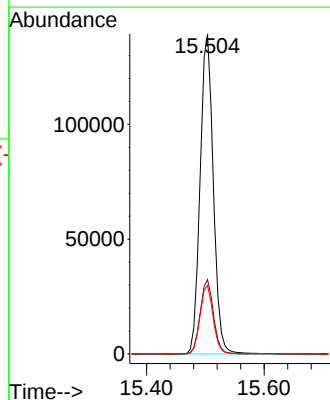
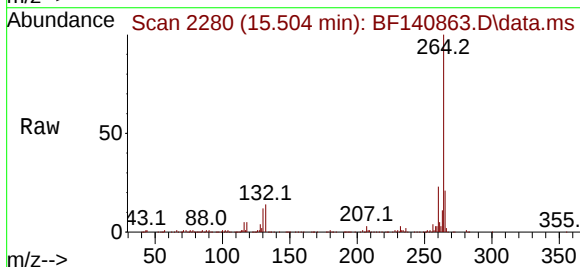
Tgt Ion:264 Resp: 217277

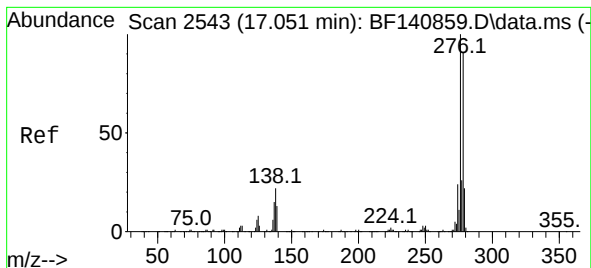
Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.4 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.762 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

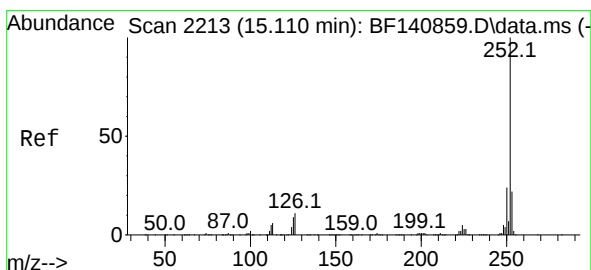
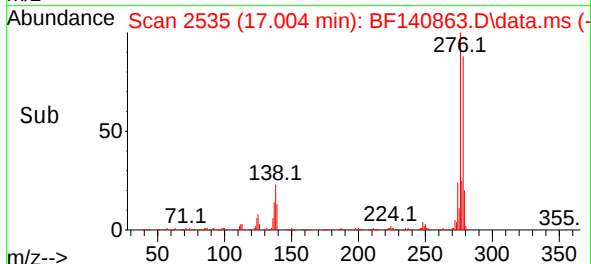
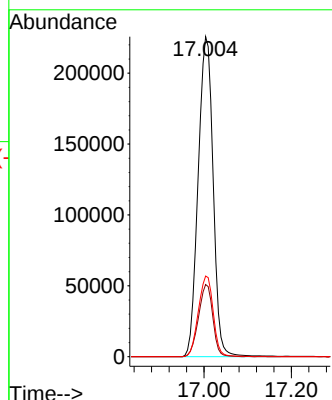
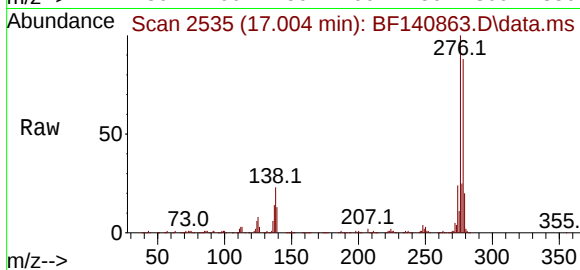
Tgt Ion:276 Resp: 539135

Ion Ratio Lower Upper

276 100

138 21.4 16.9 25.3

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 40.410 ng

RT: 15.074 min Scan# 2207

Delta R.T. -0.035 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

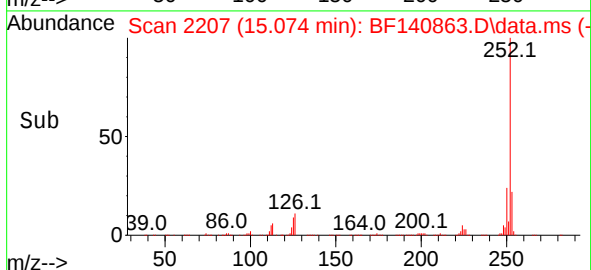
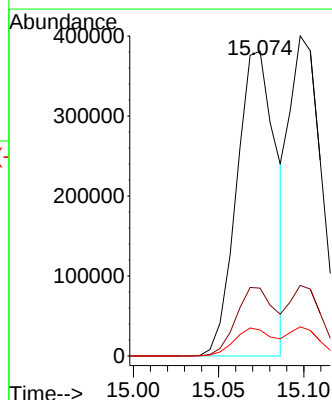
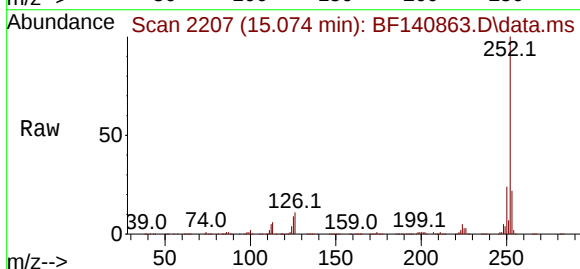
Tgt Ion:252 Resp: 609480

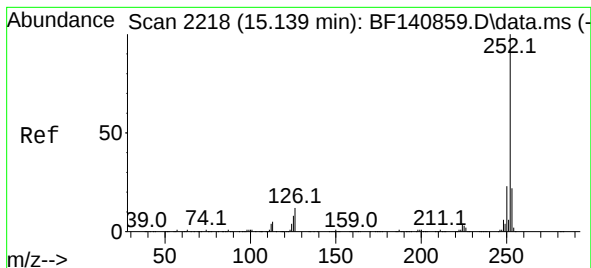
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 40.601 ng

RT: 15.098 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

Instrument :

BNA_F

ClientSampleId :

ICVBF121624

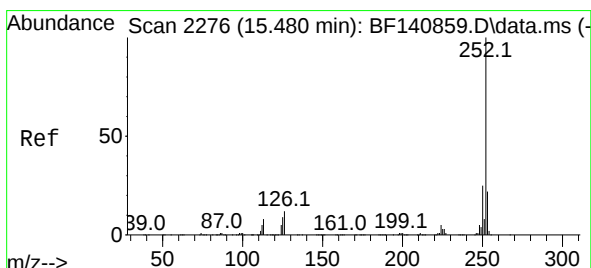
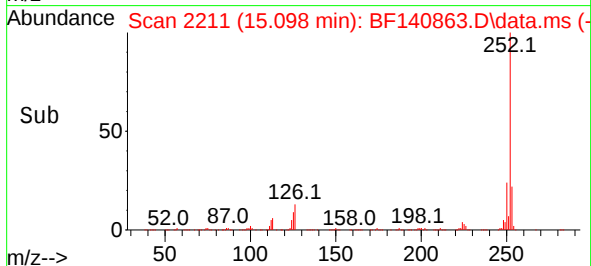
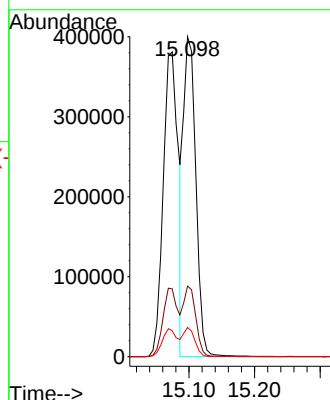
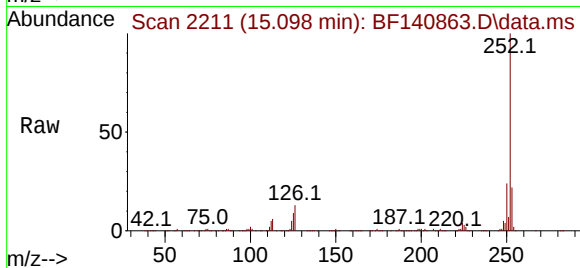
Tgt Ion:252 Resp: 525272

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.1 6.8 10.2



#90

Benzo(a)pyrene

Concen: 39.873 ng

RT: 15.439 min Scan# 2269

Delta R.T. -0.041 min

Lab File: BF140863.D

Acq: 16 Dec 2024 16:41

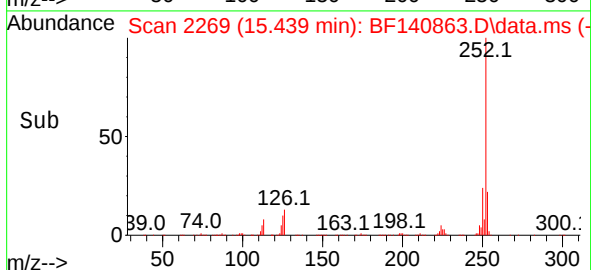
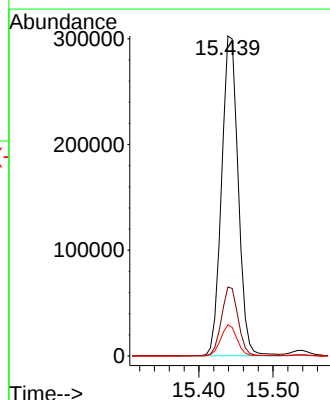
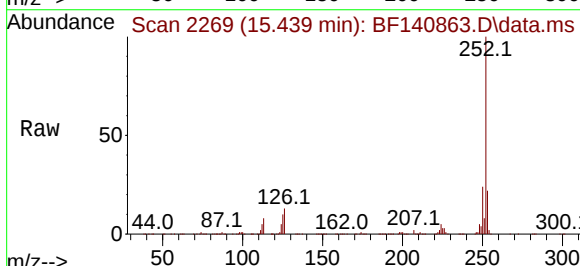
Tgt Ion:252 Resp: 470896

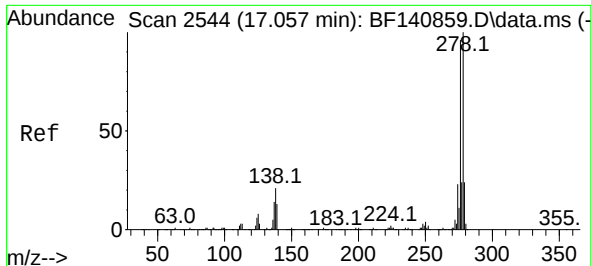
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 9.8 7.5 11.3

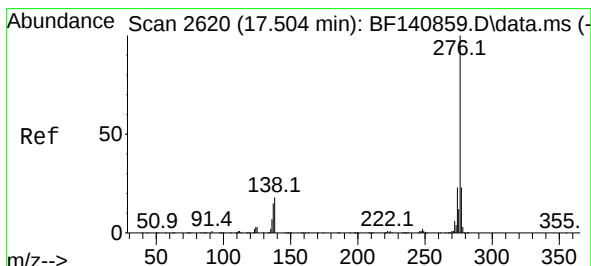
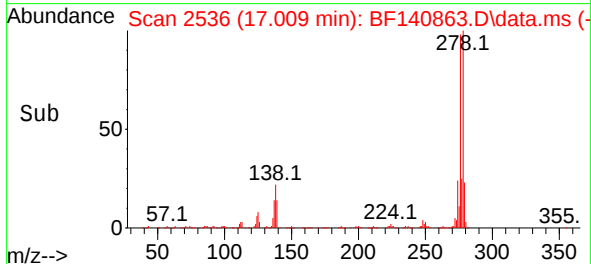
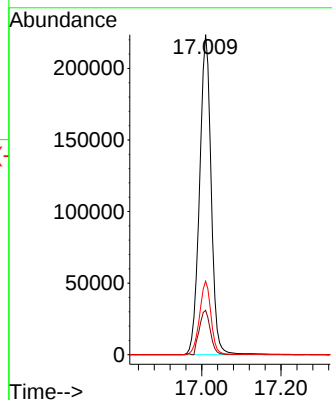
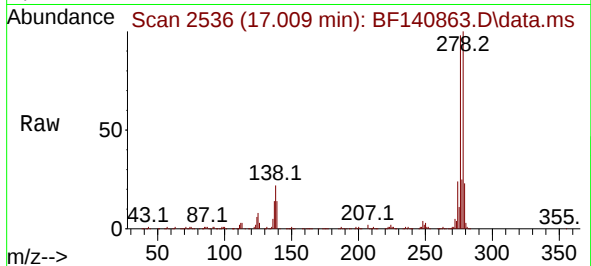




#91
 Dibenzo(a,h)anthracene
 Concen: 40.237 ng
 RT: 17.009 min Scan# 21
 Delta R.T. -0.047 min
 Lab File: BF140863.D
 Acq: 16 Dec 2024 16:41

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121624

Tgt Ion:278 Resp: 451973
 Ion Ratio Lower Upper
 278 100
 139 13.8 10.6 16.0
 279 22.9 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 36.565 ng
 RT: 17.457 min Scan# 2612
 Delta R.T. -0.047 min
 Lab File: BF140863.D
 Acq: 16 Dec 2024 16:41

Tgt Ion:276 Resp: 418030
 Ion Ratio Lower Upper
 276 100
 277 23.2 18.7 28.1
 138 17.4 14.2 21.2

