

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138859.D
 Acq On : 08 Aug 2024 11:50
 Operator : RC/JU
 Sample : PB162396BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162396BSD

Quant Time: Aug 08 12:43:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	48975	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200583	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	111084	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	190386	20.000	ng	0.00
76) Chrysene-d12	13.998	240	93170	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	85060	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	412007	129.861	ng	0.02
7) Phenol-d6	6.493	99	550936	129.339	ng	0.00
23) Nitrobenzene-d5	7.410	82	353559	86.179	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	128659	141.395	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	649976	87.914	ng	0.00
79) Terphenyl-d14	12.939	244	630811	113.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	44234	31.846	ng	95
3) Pyridine	3.469	79	112808	33.526	ng	96
4) n-Nitrosodimethylamine	3.434	42	100374	50.087	ng	84
6) Aniline	6.504	93	129267	34.028	ng	# 9
8) 2-Chlorophenol	6.634	128	161643	48.425	ng	97
9) Benzaldehyde	6.398	77	102623	40.190	ng	98
10) Phenol	6.504	94	209497	46.712	ng	83
11) bis(2-Chloroethyl)ether	6.581	93	151722	43.961	ng	96
12) 1,3-Dichlorobenzene	6.781	146	165858	44.389	ng	99
13) 1,4-Dichlorobenzene	6.857	146	166833	44.243	ng	98
14) 1,2-Dichlorobenzene	7.010	146	158692	45.031	ng	99
15) Benzyl Alcohol	6.993	79	153016	49.840	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	244845	41.223	ng	# 47
17) 2-Methylphenol	7.104	107	129730	47.066	ng	# 87
18) Hexachloroethane	7.345	117	64871	45.703	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	123251	47.906	ng	98
20) 3+4-Methylphenols	7.263	107	172962	48.908	ng	# 77
22) Acetophenone	7.257	105	218947	44.581	ng	96
24) Nitrobenzene	7.428	77	182946	43.822	ng	99
25) Isophorone	7.669	82	319805	45.651	ng	98
26) 2-Nitrophenol	7.745	139	85337	47.512	ng	97
27) 2,4-Dimethylphenol	7.781	122	111326	51.805	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	187384	43.924	ng	99
29) 2,4-Dichlorophenol	7.992	162	135766	49.165	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	142988	44.870	ng	99
31) Naphthalene	8.145	128	479490	45.415	ng	100
32) Benzoic acid	7.940	122	61773	36.568	ng	91
33) 4-Chloroaniline	8.198	127	77212	21.786	ng	98
34) Hexachlorobutadiene	8.251	225	89339	46.285	ng	97
35) Caprolactam	8.587	113	24998	30.339	ng	97
36) 4-Chloro-3-methylphenol	8.692	107	153702	48.703	ng	99
37) 2-Methylnaphthalene	8.834	142	306506	45.967	ng	99
38) 1-Methylnaphthalene	8.934	142	283618	43.406	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	134846	43.699	ng	99
41) Hexachlorocyclopentadiene	8.981	237	93371	111.331	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	86625	46.042	ng	99

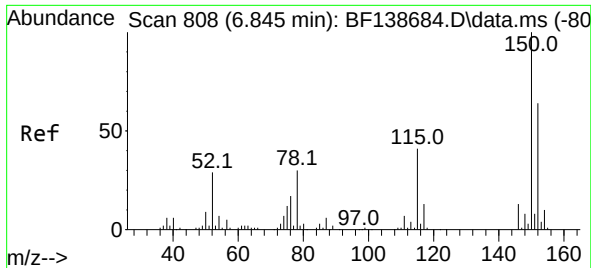
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138859.D
 Acq On : 08 Aug 2024 11:50
 Operator : RC/JU
 Sample : PB162396BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162396BSD

Quant Time: Aug 08 12:43:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	92085	44.771	ng	97
46) 1,1'-Biphenyl	9.298	154	366712	42.151	ng	98
47) 2-Chloronaphthalene	9.328	162	291030	44.979	ng	99
48) 2-Nitroaniline	9.428	65	106036	48.340	ng	96
49) Acenaphthylene	9.739	152	450596	49.101	ng	99
50) Dimethylphthalate	9.604	163	344070	48.441	ng	99
51) 2,6-Dinitrotoluene	9.669	165	75860	47.324	ng	90
52) Acenaphthene	9.910	154	274378	44.477	ng	99
53) 3-Nitroaniline	9.839	138	50225	30.309	ng	95
54) 2,4-Dinitrophenol	9.957	184	69903	94.732	ng	88
55) Dibenzofuran	10.086	168	408895	46.956	ng	99
56) 4-Nitrophenol	10.022	139	81137	81.421	ng	93
57) 2,4-Dinitrotoluene	10.081	165	102749	50.240	ng #	83
58) Fluorene	10.428	166	329262	47.481	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	75948	48.299	ng	97
60) Diethylphthalate	10.298	149	337931	50.177	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	164682	48.286	ng	98
62) 4-Nitroaniline	10.463	138	69297	44.004	ng	87
63) Azobenzene	10.575	77	351540	47.064	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	54943	47.303	ng	98
66) n-Nitrosodiphenylamine	10.539	169	280486	47.132	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	95289	46.228	ng	98
68) Hexachlorobenzene	10.975	284	97803	45.954	ng	96
69) Atrazine	11.063	200	83919	54.657	ng	98
70) Pentachlorophenol	11.175	266	76812	80.070	ng	99
71) Phenanthrene	11.386	178	470485	47.992	ng	100
72) Anthracene	11.439	178	474146	49.095	ng	100
73) Carbazole	11.598	167	400635	48.083	ng	99
74) Di-n-butylphthalate	11.916	149	505033	53.918	ng	100
75) Fluoranthene	12.575	202	439983	48.075	ng	99
77) Benzidine	12.698	184	35697	16.019	ng	98
78) Pyrene	12.804	202	432175	49.266	ng	100
80) Butylbenzylphthalate	13.410	149	148001	52.686	ng	97
81) Benzo(a)anthracene	13.986	228	313311	48.834	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58380	35.557	ng	97
83) Chrysene	14.027	228	265703	45.903	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	169459	41.196	ng	98
85) Di-n-octyl phthalate	14.574	149	282594	37.132	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	292118	47.922	ng	96
88) Benzo(b)fluoranthene	15.033	252	283494	53.764	ng	98
89) Benzo(k)fluoranthene	15.063	252	226530	49.619	ng	97
90) Benzo(a)pyrene	15.398	252	233487	52.643	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	236879	47.340	ng	98
92) Benzo(g,h,i)perylene	17.374	276	220293	42.426	ng	97

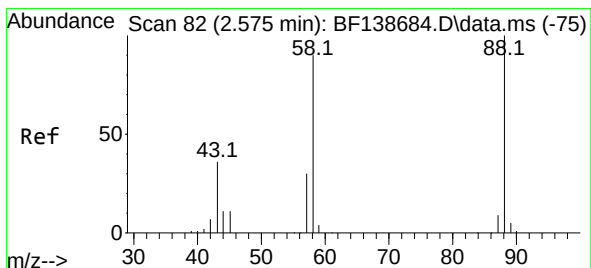
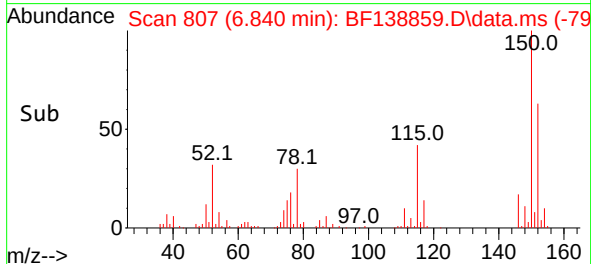
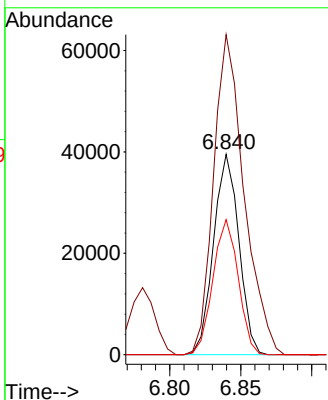
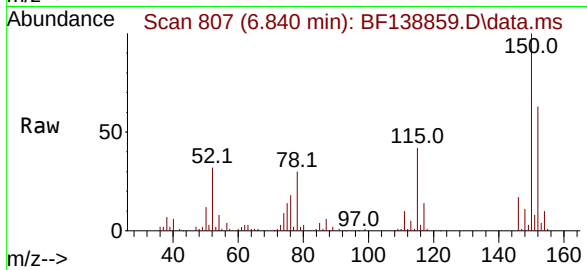
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138859.D
 Acq: 08 Aug 2024 11:50

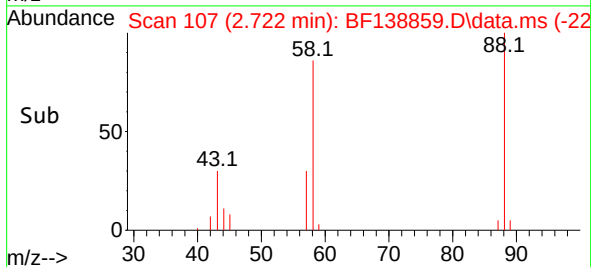
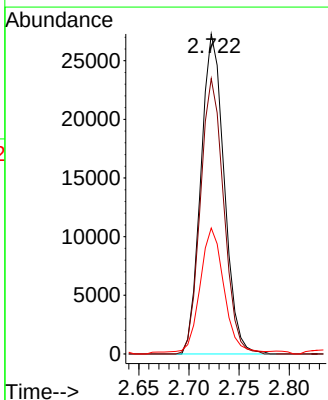
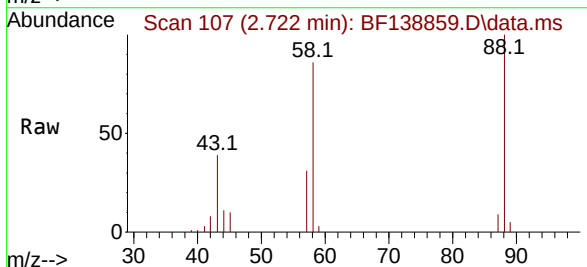
Instrument :
 BNA_F
 ClientSampleId :
 PB162396BSD

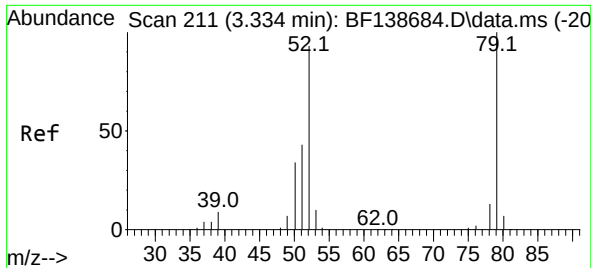
Tgt Ion:152 Resp: 48975
 Ion Ratio Lower Upper
 152 100
 150 159.7 126.0 189.0
 115 67.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 31.846 ng
 RT: 2.722 min Scan# 107
 Delta R.T. 0.147 min
 Lab File: BF138859.D
 Acq: 08 Aug 2024 11:50

Tgt Ion: 88 Resp: 44234
 Ion Ratio Lower Upper
 88 100
 58 85.8 71.6 107.4
 43 41.3 28.7 43.1





#3

Pyridine

Concen: 33.526 ng

RT: 3.469 min Scan# 211

Delta R.T. 0.135 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

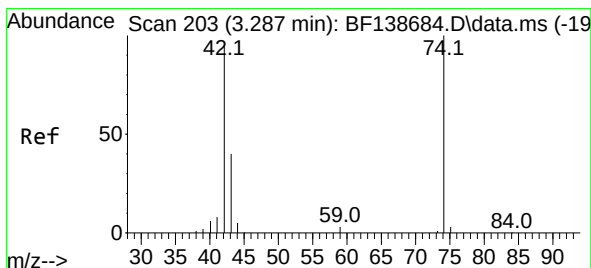
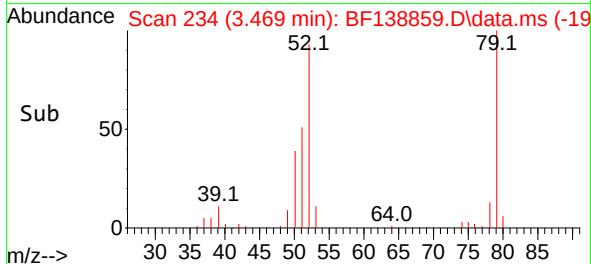
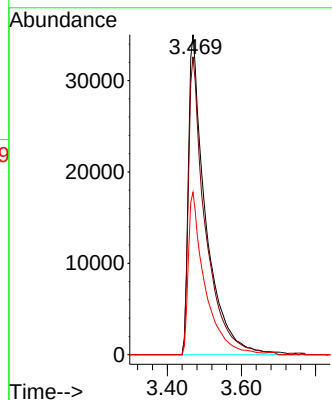
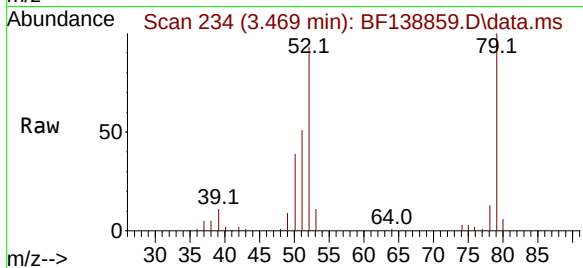
Tgt Ion: 79 Resp: 112808

Ion Ratio Lower Upper

79 100

52 93.1 74.7 112.1

51 50.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 50.087 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

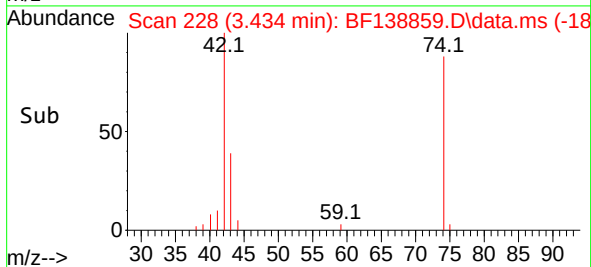
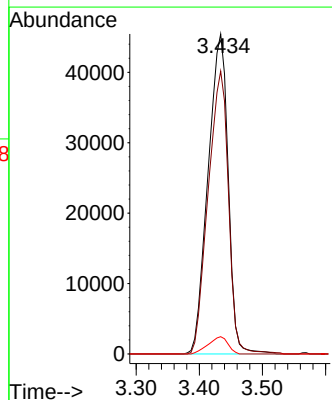
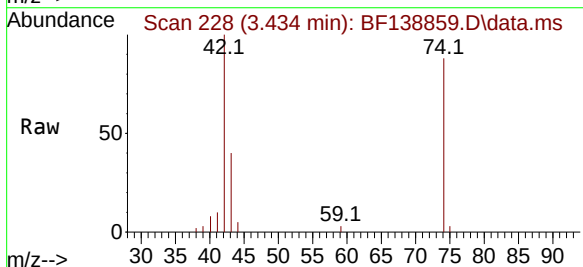
Tgt Ion: 42 Resp: 100374

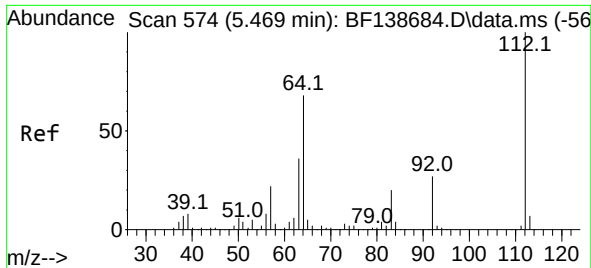
Ion Ratio Lower Upper

42 100

74 88.4 84.2 126.4

44 5.4 4.9 7.3

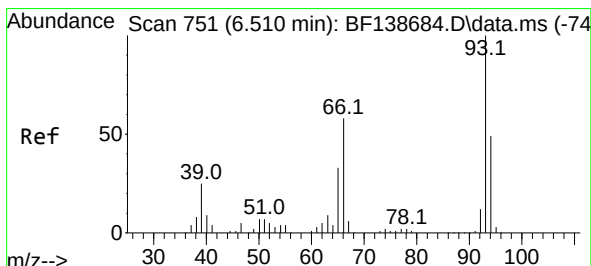
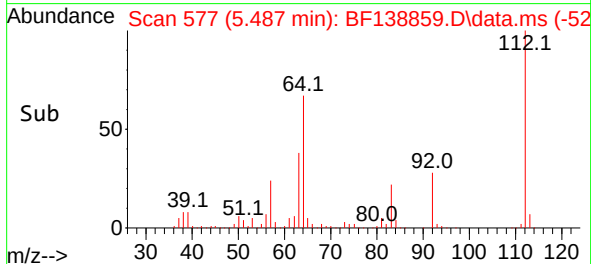
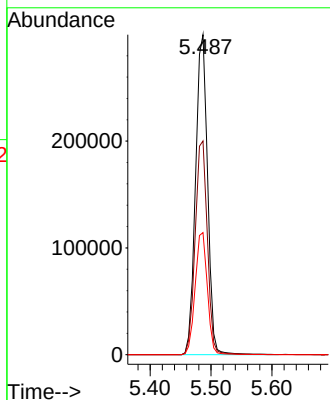
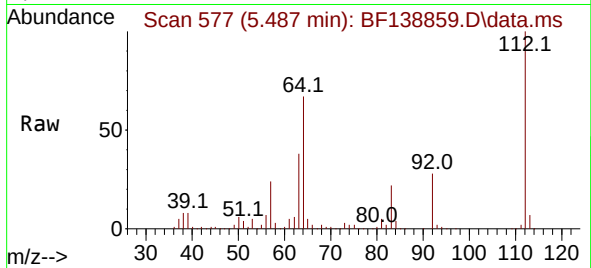




#5
2-Fluorophenol
Concen: 129.861 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

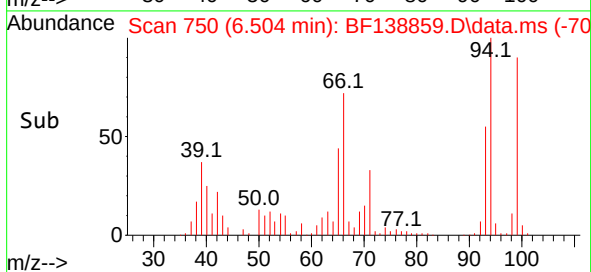
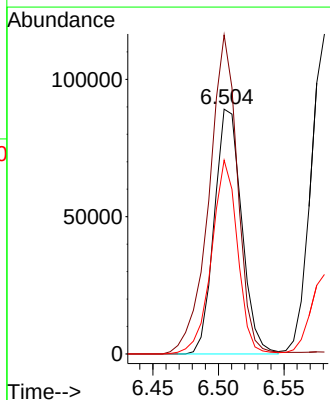
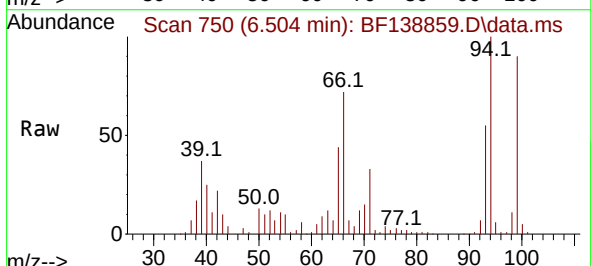
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

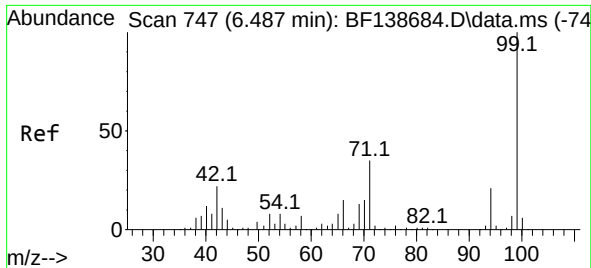
Tgt Ion:112 Resp: 412007
Ion Ratio Lower Upper
112 100
64 66.8 54.2 81.4
63 38.1 28.7 43.1



#6
Aniline
Concen: 34.028 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 93 Resp: 129267
Ion Ratio Lower Upper
93 100
66 130.3 46.9 70.3#
65 79.2 26.5 39.7#

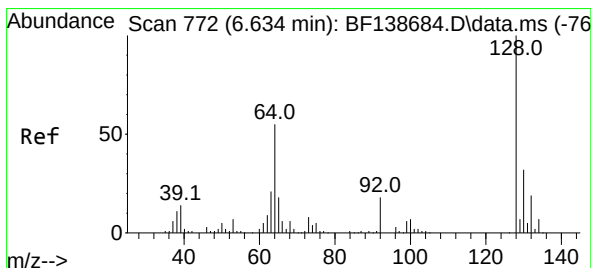
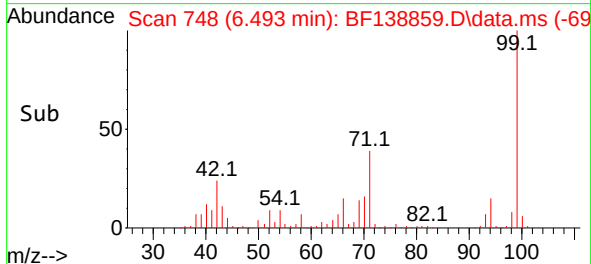
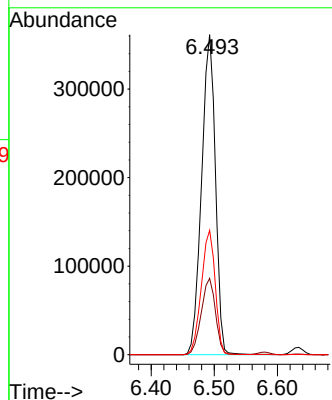
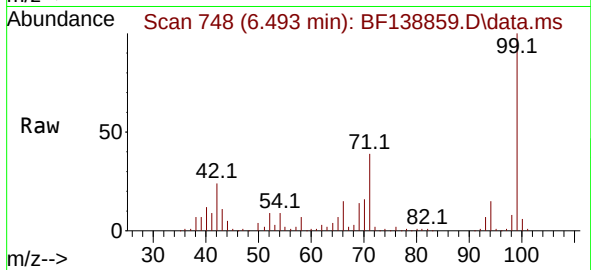




#7
Phenol-d6
Concen: 129.339 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

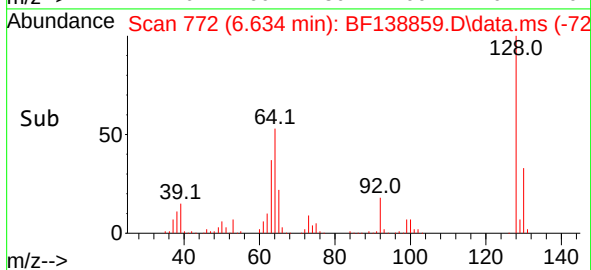
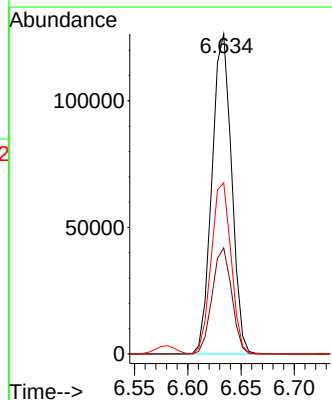
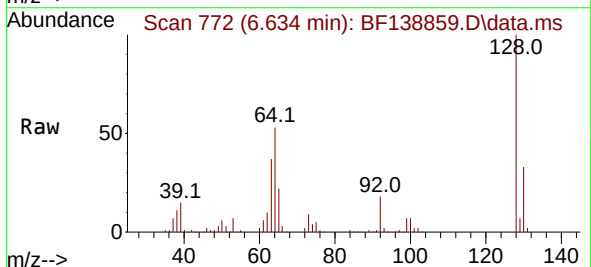
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

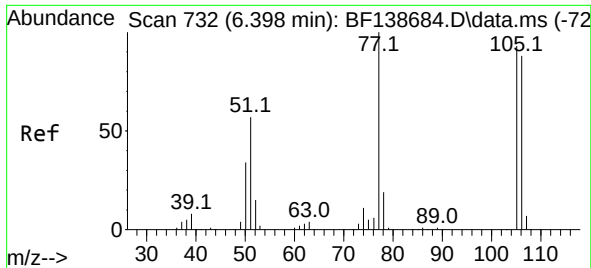
Tgt Ion: 99 Resp: 550936
Ion Ratio Lower Upper
99 100
42 23.9 17.4 26.0
71 38.8 28.1 42.1



#8
2-Chlorophenol
Concen: 48.425 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:128 Resp: 161643
Ion Ratio Lower Upper
128 100
130 33.1 12.0 52.0
64 53.5 36.3 76.3





#9

Benzaldehyde

Concen: 40.190 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

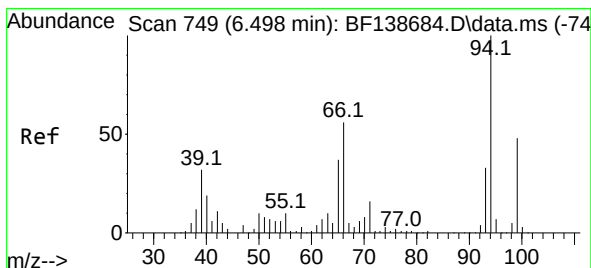
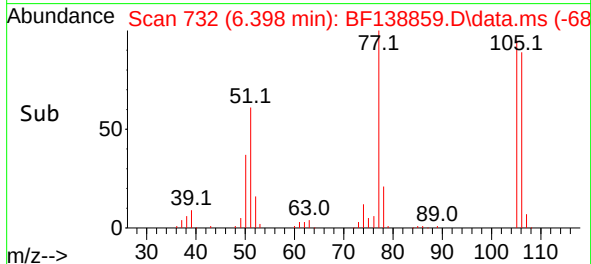
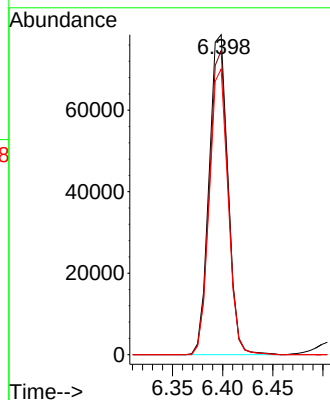
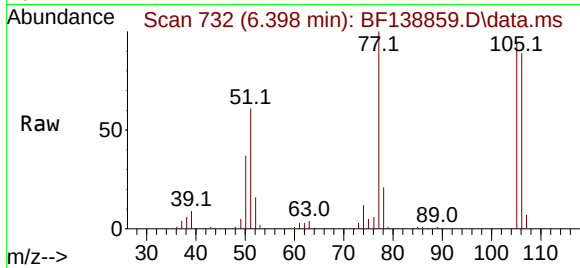
Tgt Ion: 77 Resp: 102623

Ion Ratio Lower Upper

77 100

105 95.0 72.9 112.9

106 89.3 68.4 108.4



#10

Phenol

Concen: 46.712 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

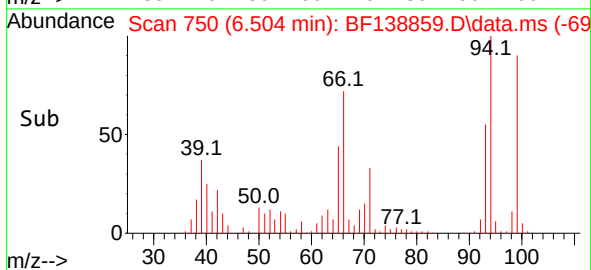
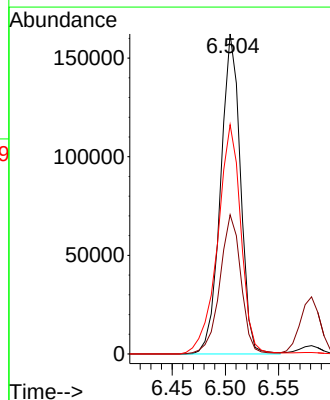
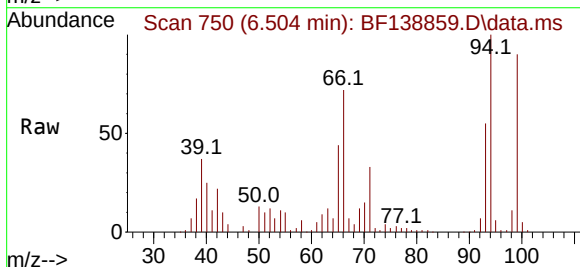
Tgt Ion: 94 Resp: 209497

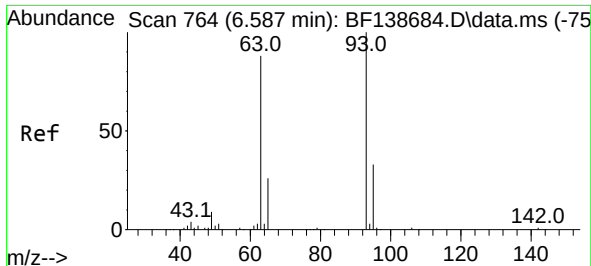
Ion Ratio Lower Upper

94 100

65 43.5 16.9 56.9

66 71.6 36.5 76.5

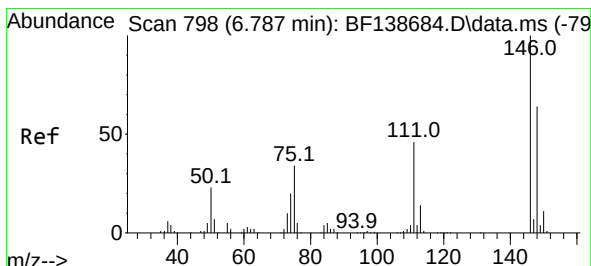
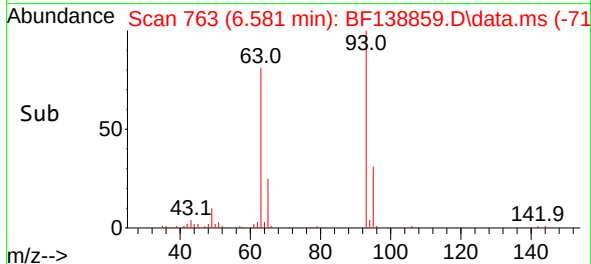
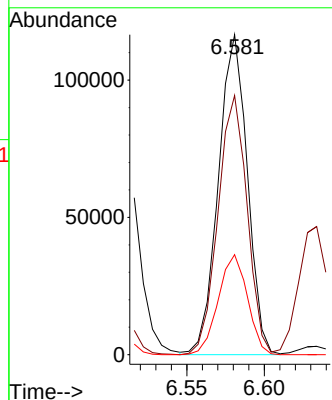
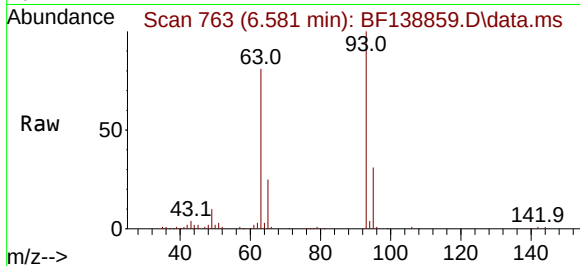




#11
bis(2-Chloroethyl)ether
Concen: 43.961 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

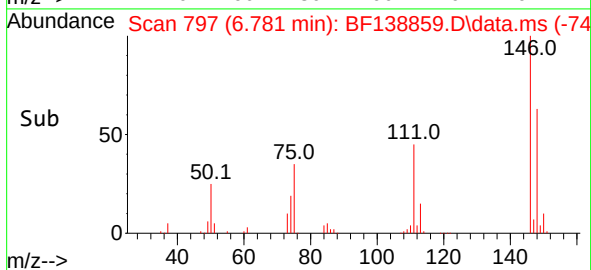
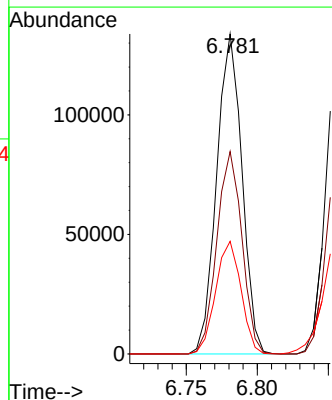
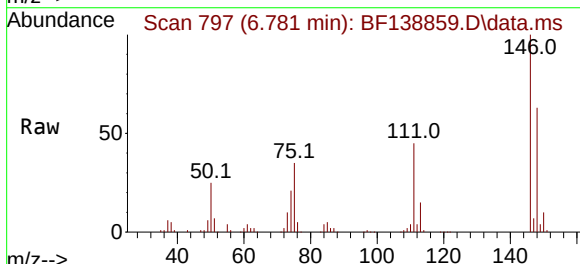
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

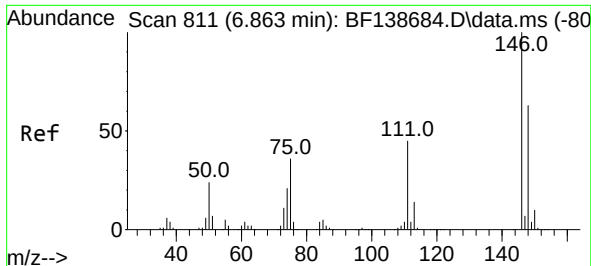
Tgt Ion: 93 Resp: 151722
Ion Ratio Lower Upper
93 100
63 81.0 65.3 105.3
95 31.3 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 44.389 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 146 Resp: 165858
Ion Ratio Lower Upper
146 100
148 63.2 51.2 76.8
75 35.2 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 44.243 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

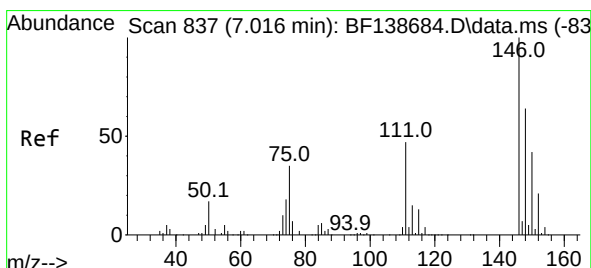
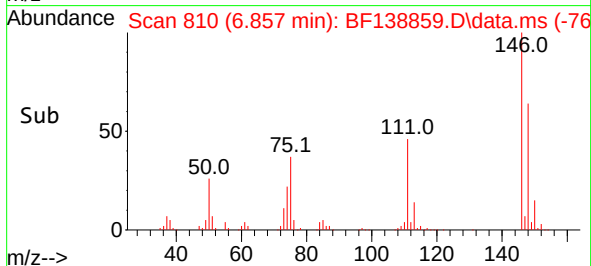
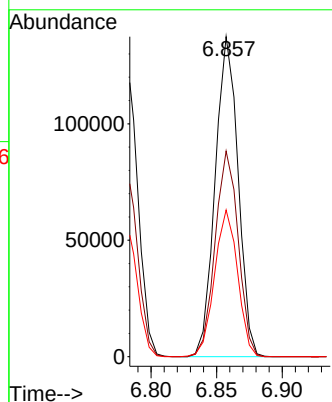
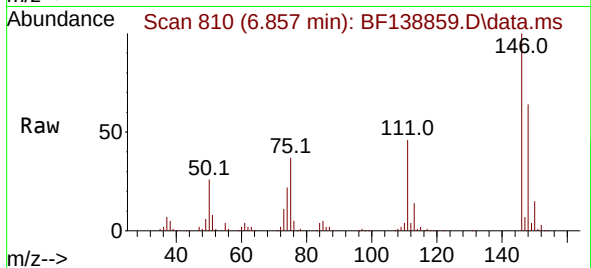
Tgt Ion:146 Resp: 166833

Ion Ratio Lower Upper

146 100

148 64.2 50.2 75.2

111 45.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 45.031 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

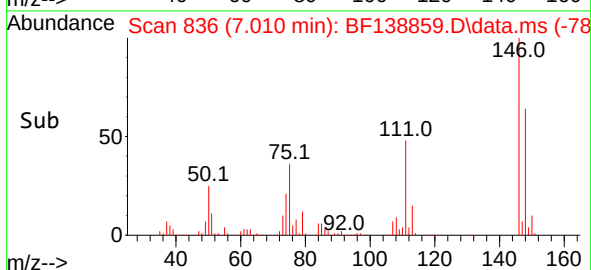
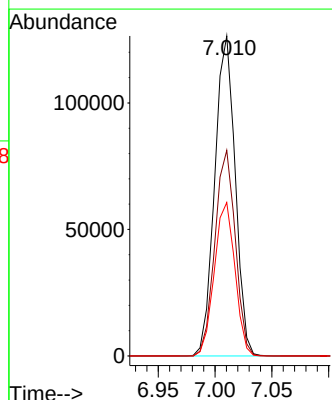
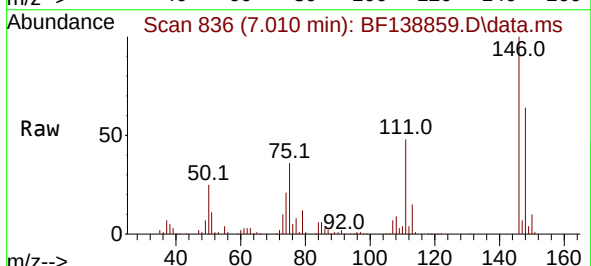
Tgt Ion:146 Resp: 158692

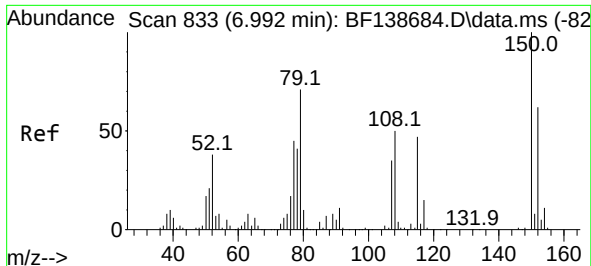
Ion Ratio Lower Upper

146 100

148 64.2 50.8 76.2

111 47.9 37.4 56.2

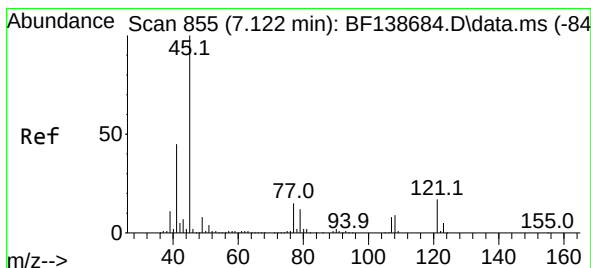
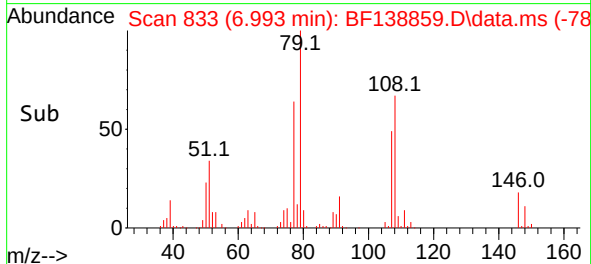
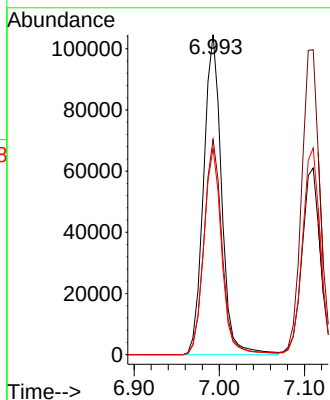
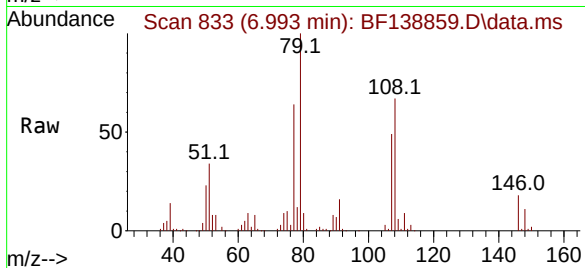




#15
Benzyl Alcohol
Concen: 49.840 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

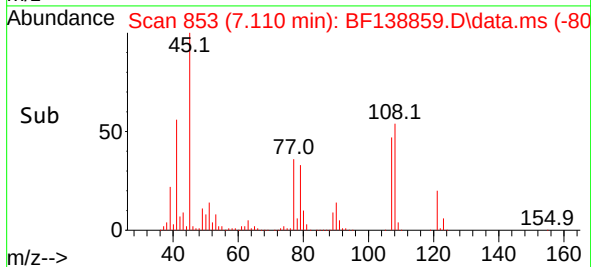
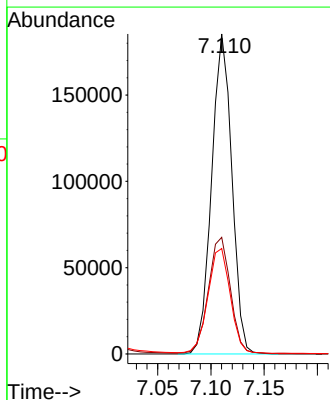
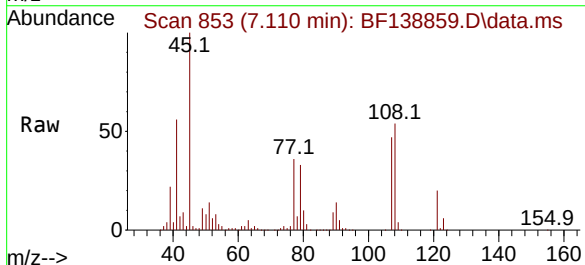
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

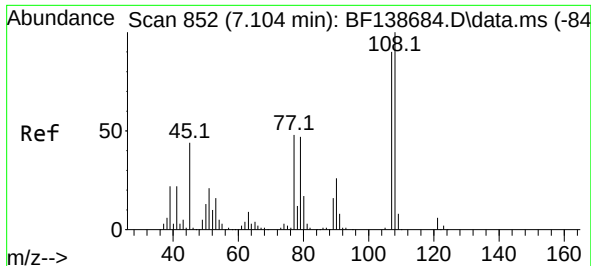
Tgt Ion: 79 Resp: 153016
Ion Ratio Lower Upper
79 100
108 67.2 56.6 85.0
77 64.4 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.223 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 45 Resp: 244845
Ion Ratio Lower Upper
45 100
77 36.5 0.0 34.9#
79 32.9 0.0 32.2#

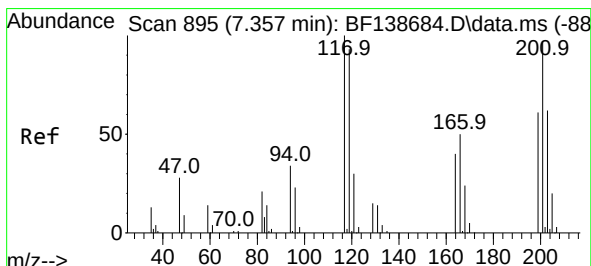
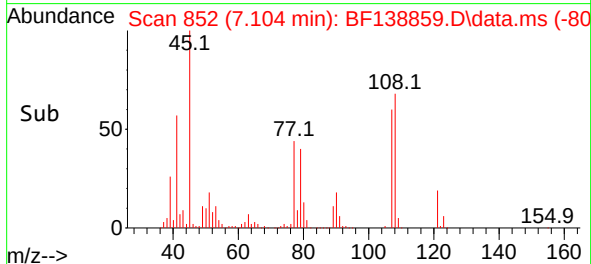
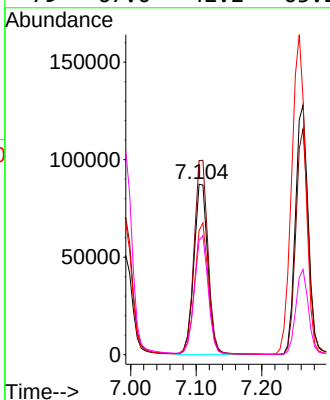
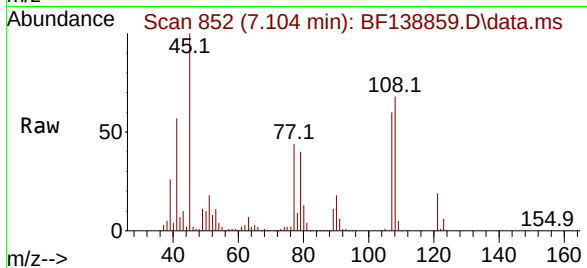




#17
2-Methylphenol
Concen: 47.066 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

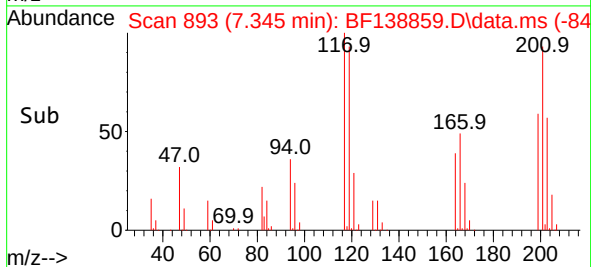
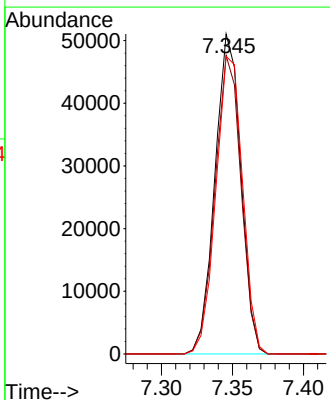
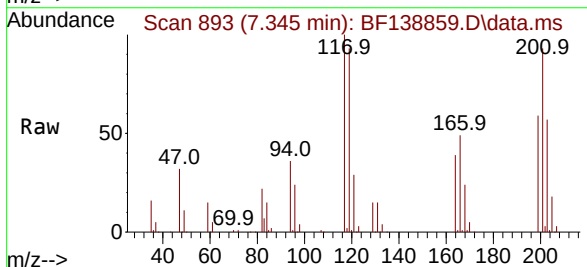
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

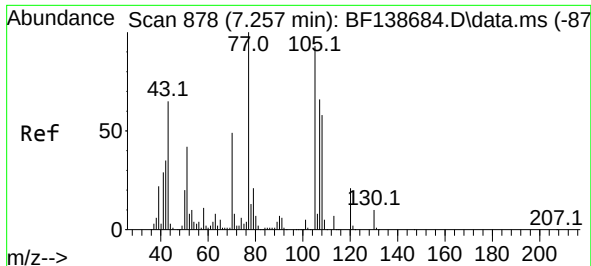
Tgt Ion:107 Resp: 129730
Ion Ratio Lower Upper
107 100
108 113.8 89.2 133.8
77 72.8 43.0 64.4#
79 67.0 42.2 63.2#



#18
Hexachloroethane
Concen: 45.703 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:117 Resp: 64871
Ion Ratio Lower Upper
117 100
119 93.3 74.6 111.8
201 93.0 77.2 115.8



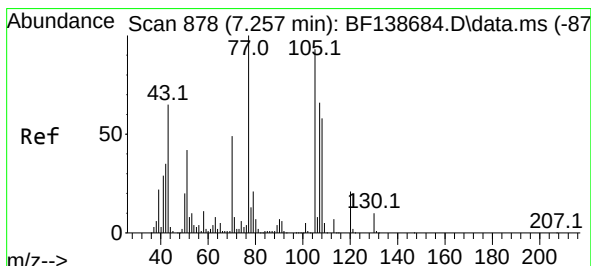
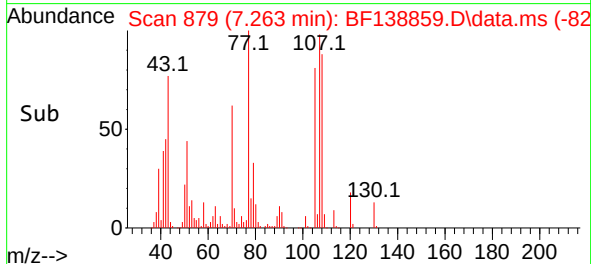
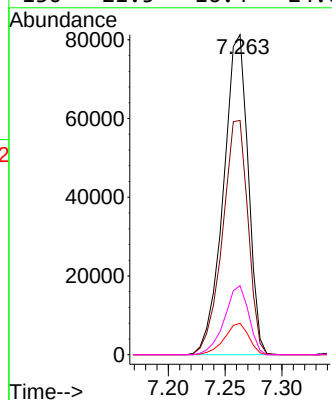
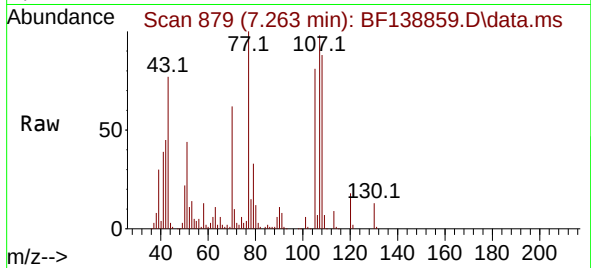


#19
n-Nitroso-di-n-propylamine
Concen: 47.906 ng
RT: 7.263 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB162396BSD

Tgt Ion: 70 Resp: 123251

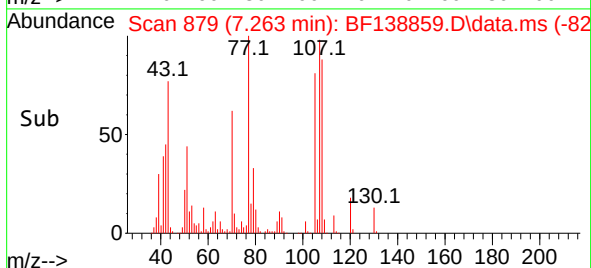
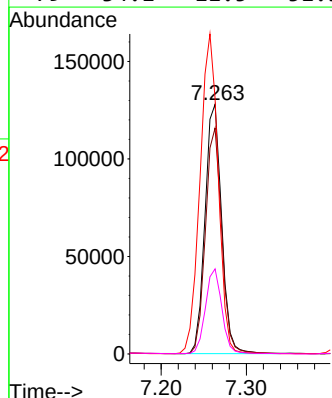
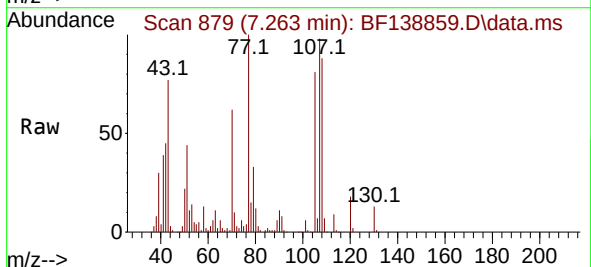
Ion	Ratio	Lower	Upper
70	100		
42	73.2	57.4	86.0
101	9.8	7.5	11.3
130	21.5	16.4	24.6

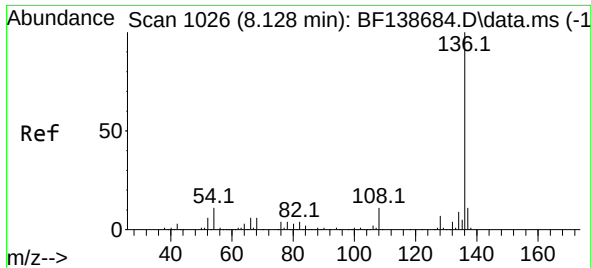


#20
3+4-Methylphenols
Concen: 48.908 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 107 Resp: 172962

Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	102.4	132.1	172.1#
79	34.1	11.5	51.5

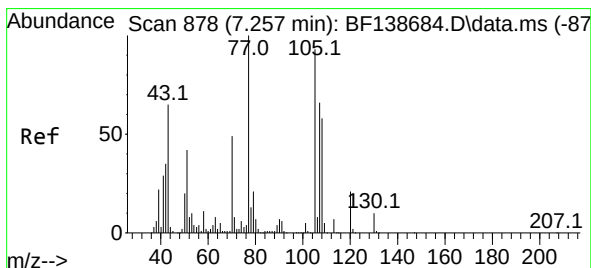
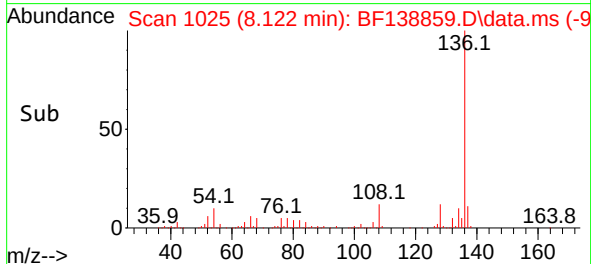
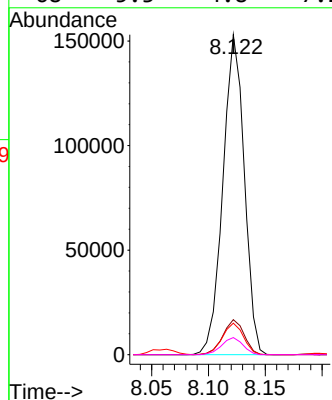
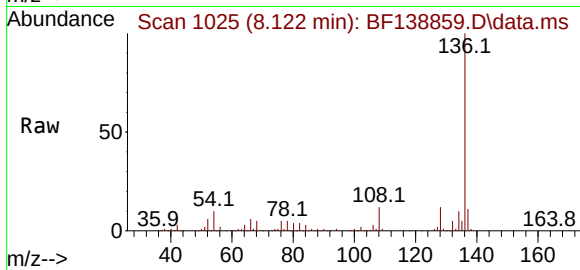




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

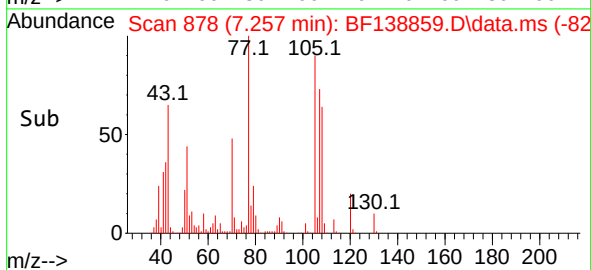
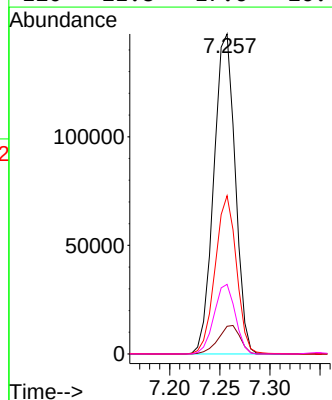
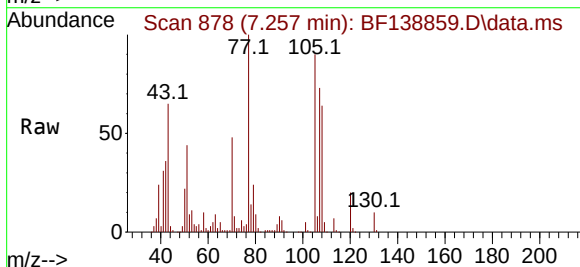
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

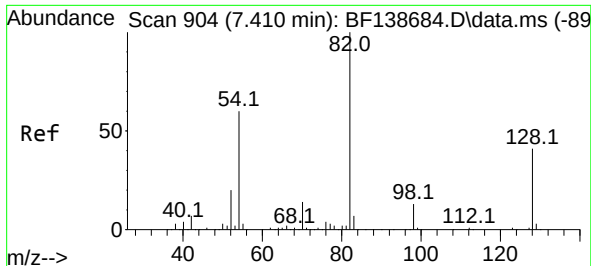
Tgt Ion:	136	Resp:	200583
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.8	8.6	12.8
68	5.3	4.8	7.2



#22
Acetophenone
Concen: 44.581 ng
RT: 7.257 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:	105	Resp:	218947
Ion	Ratio	Lower	Upper
105	100		
71	8.6	7.2	10.8
51	49.4	35.9	53.9
120	21.8	17.6	26.4





#23

Nitrobenzene-d5

Concen: 86.179 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

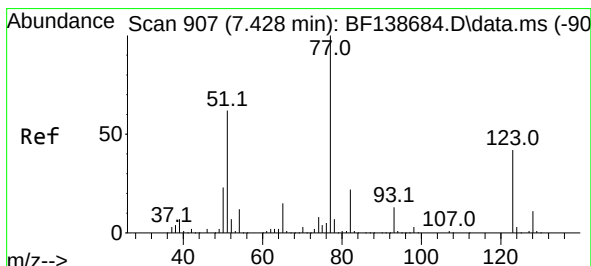
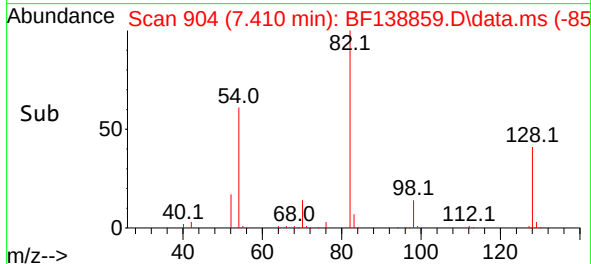
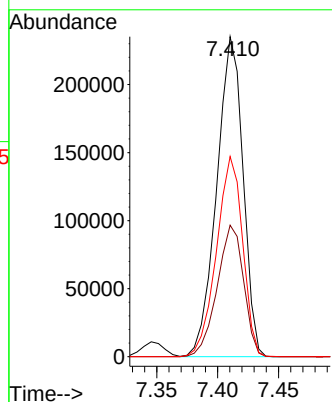
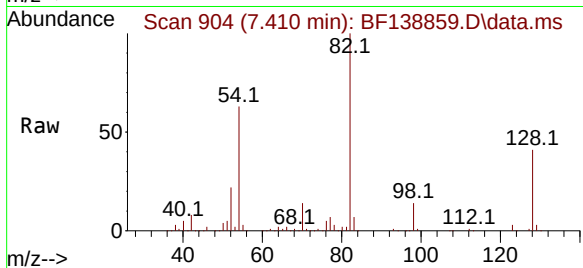
Tgt Ion: 82 Resp: 353559

Ion Ratio Lower Upper

82 100

128 41.1 32.8 49.2

54 62.5 48.3 72.5



#24

Nitrobenzene

Concen: 43.822 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

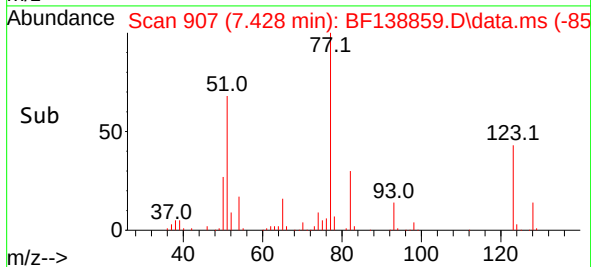
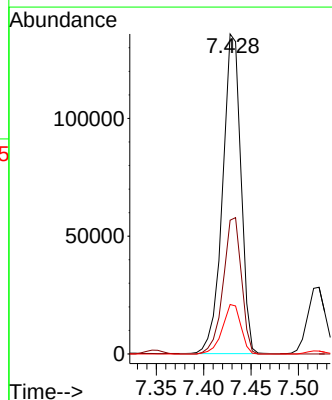
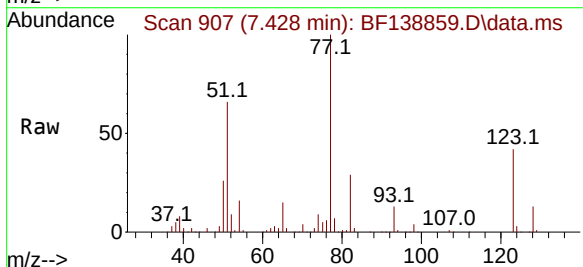
Tgt Ion: 77 Resp: 182946

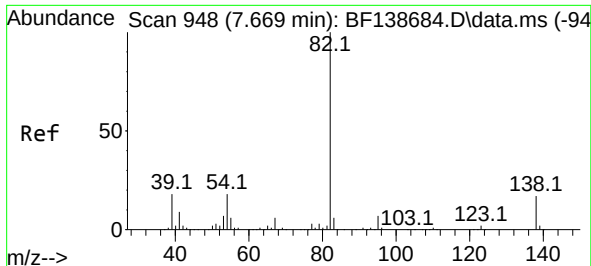
Ion Ratio Lower Upper

77 100

123 41.8 33.3 49.9

65 15.5 11.9 17.9

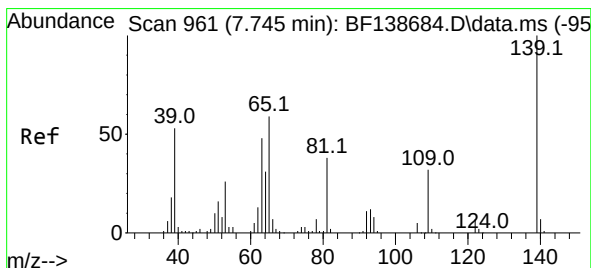
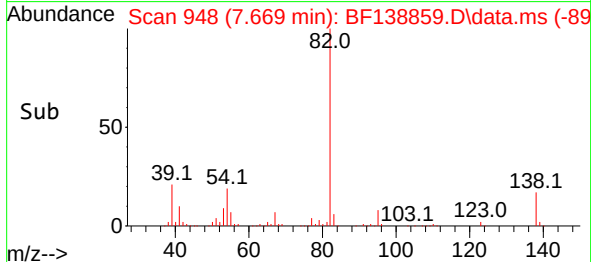
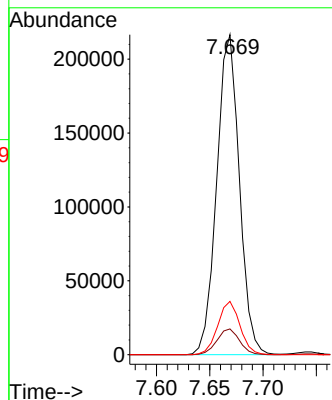
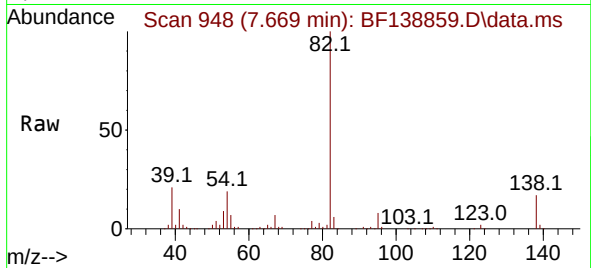




#25
Isophorone
Concen: 45.651 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

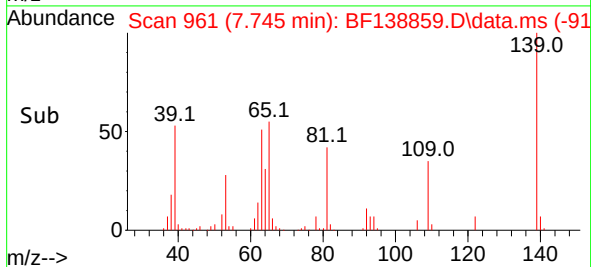
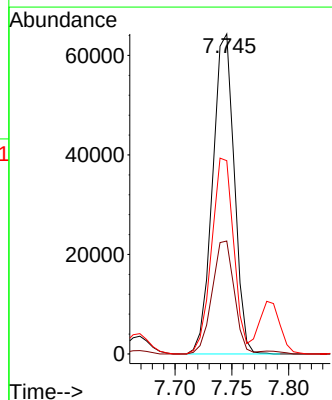
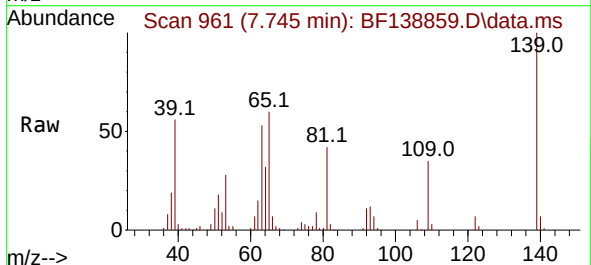
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

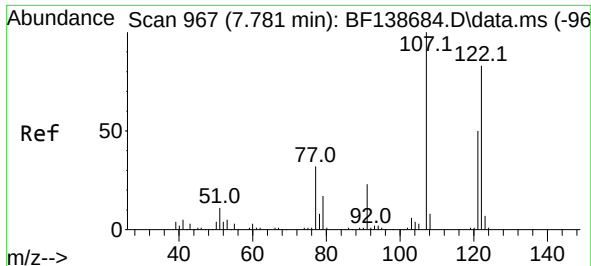
Tgt Ion: 82 Resp: 319805
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 47.512 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 139 Resp: 85337
Ion Ratio Lower Upper
139 100
109 35.3 25.9 38.9
65 60.4 47.0 70.6

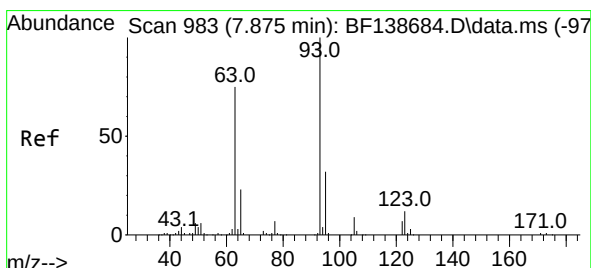
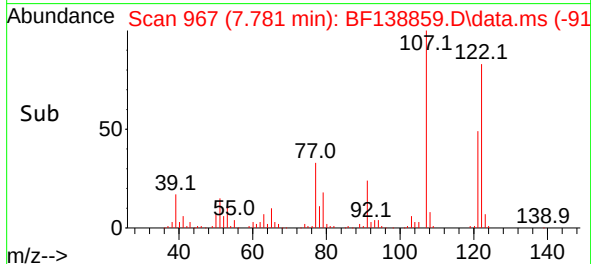
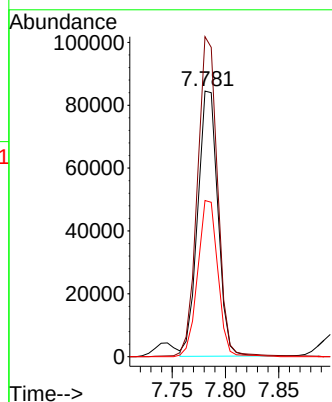
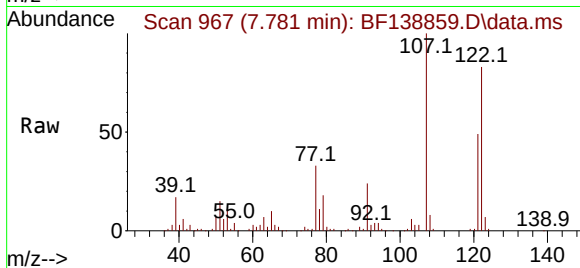




#27
2,4-Dimethylphenol
Concen: 51.805 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

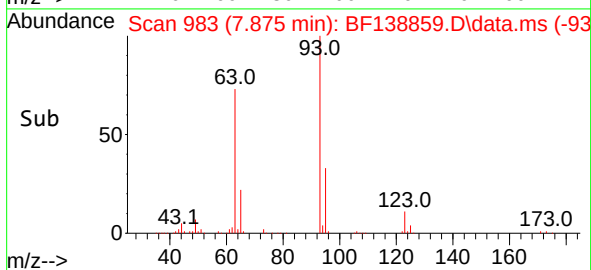
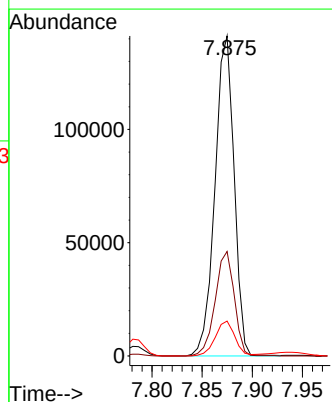
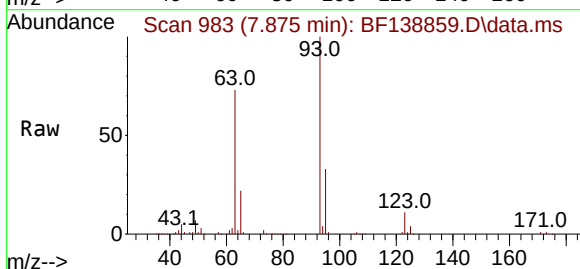
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

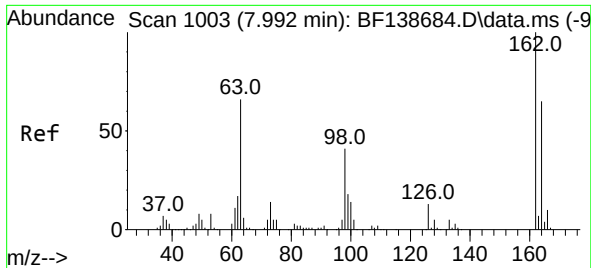
Tgt Ion:122 Resp: 111326
Ion Ratio Lower Upper
122 100
107 120.5 95.0 142.6
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 43.924 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 93 Resp: 187384
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.165 ng

RT: 7.992 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

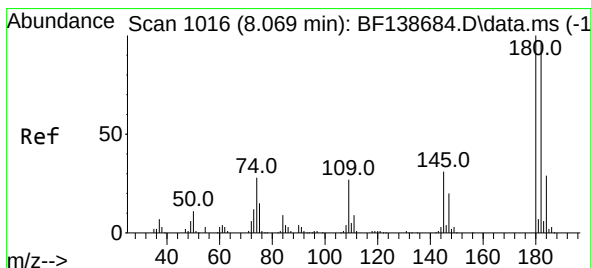
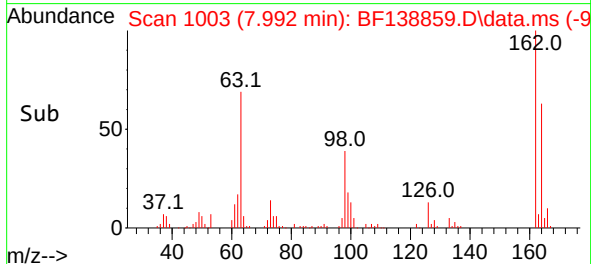
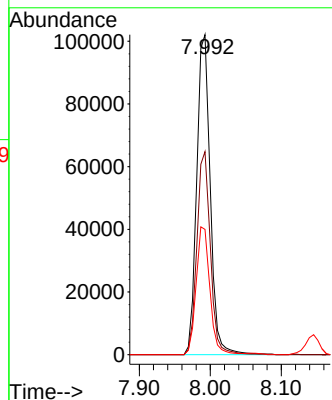
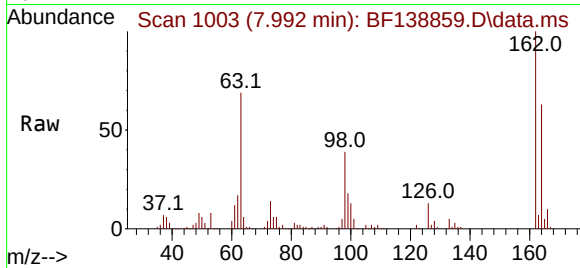
Tgt Ion:162 Resp: 135766

Ion Ratio Lower Upper

162 100

164 63.4 44.7 84.7

98 39.2 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 44.870 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

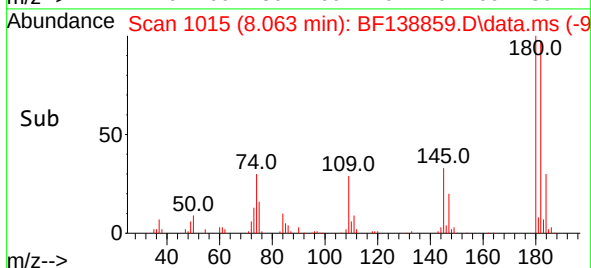
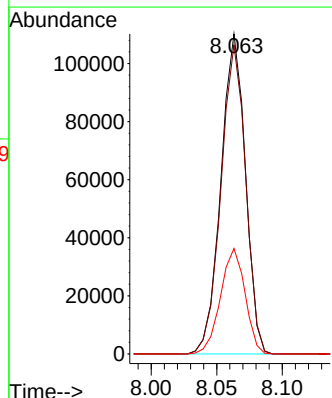
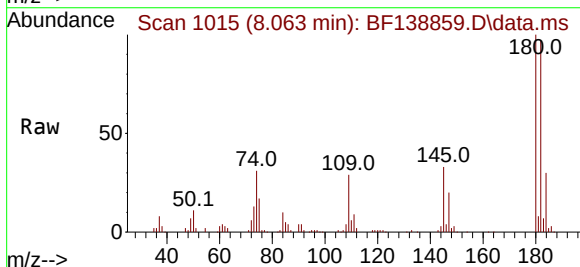
Tgt Ion:180 Resp: 142988

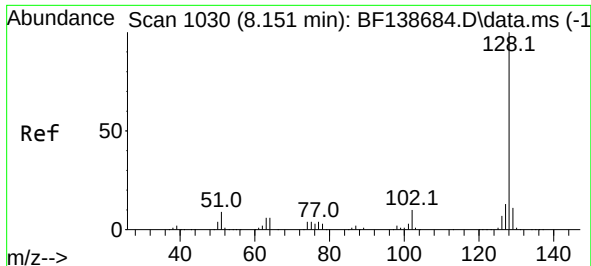
Ion Ratio Lower Upper

180 100

182 96.6 76.9 115.3

145 33.0 25.0 37.4

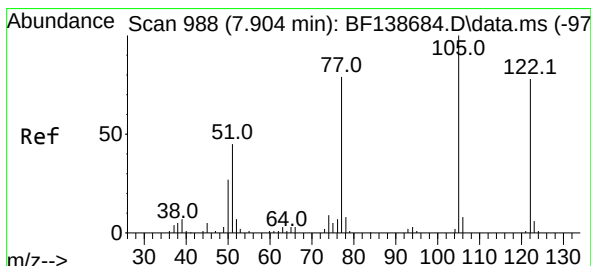
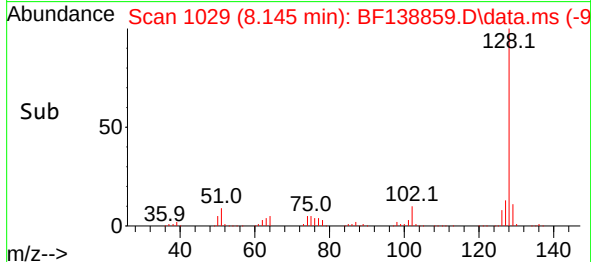
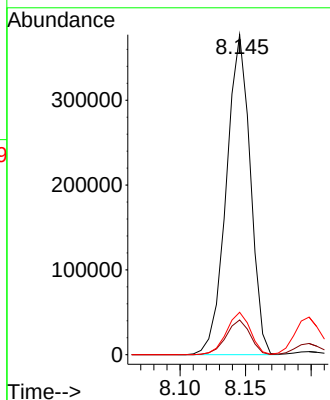
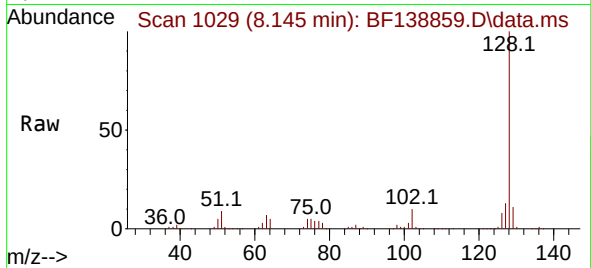




#31
Naphthalene
Concen: 45.415 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

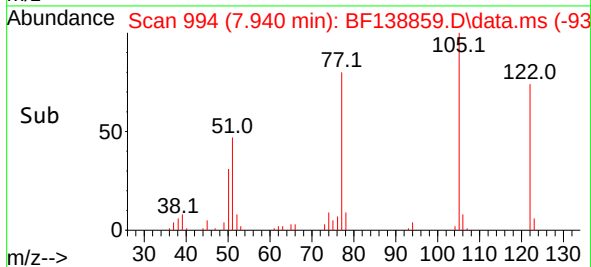
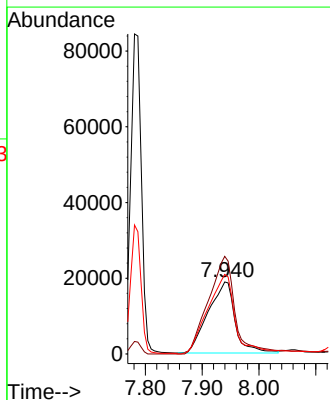
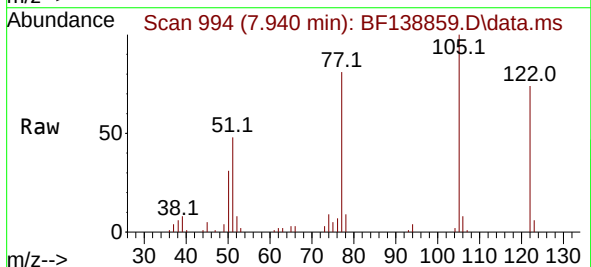
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

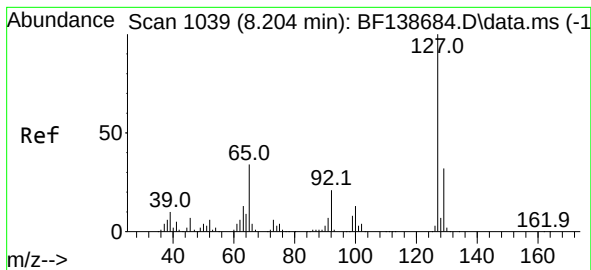
Tgt Ion:128 Resp: 479490
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 36.568 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.036 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:122 Resp: 61773
Ion Ratio Lower Upper
122 100
105 135.7 106.7 146.7
77 110.6 81.1 121.1





#33

4-Chloroaniline

Concen: 21.786 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

Tgt Ion:127 Resp: 77212

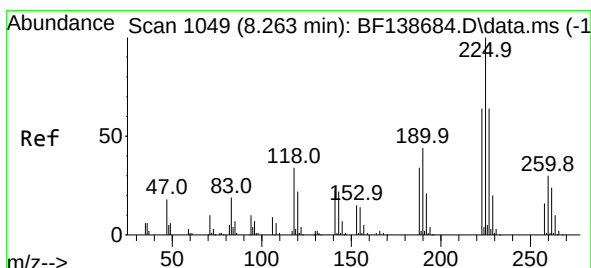
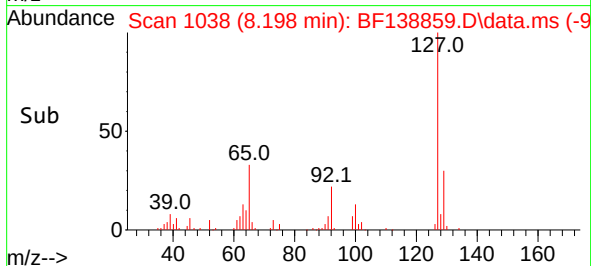
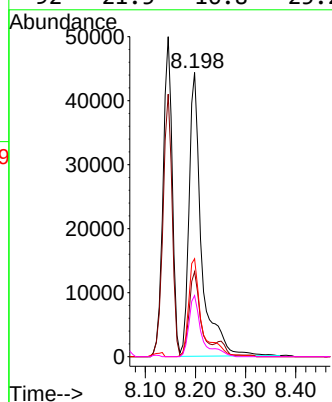
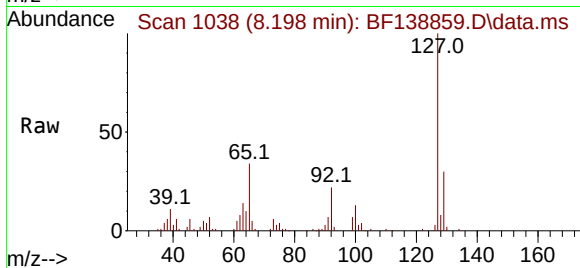
Ion Ratio Lower Upper

127 100

129 29.9 25.9 38.9

65 34.5 27.6 41.4

92 21.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 46.285 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

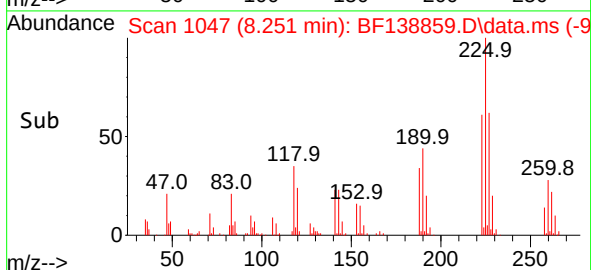
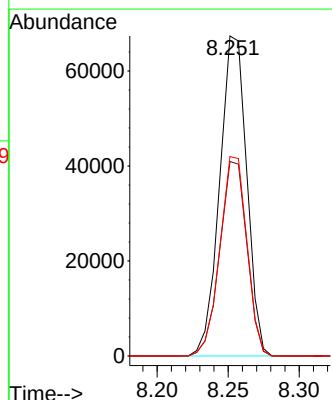
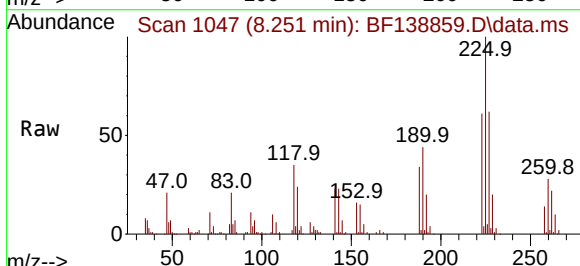
Tgt Ion:225 Resp: 89339

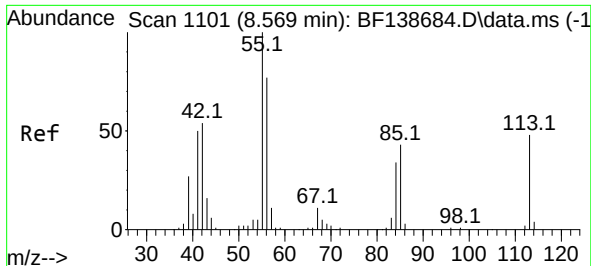
Ion Ratio Lower Upper

225 100

223 60.8 51.2 76.8

227 62.3 51.1 76.7

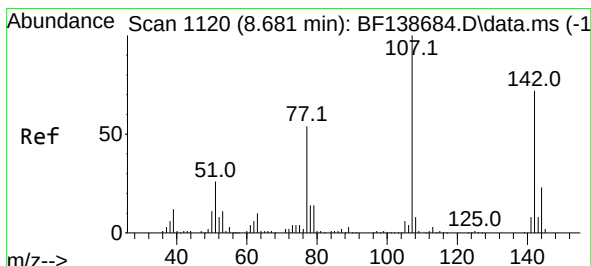
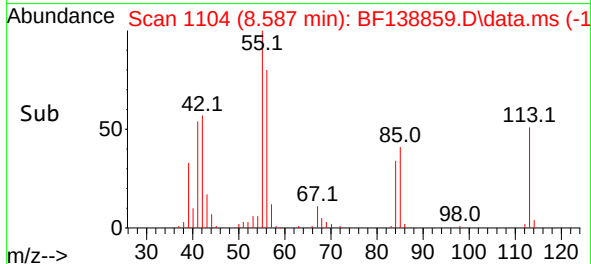
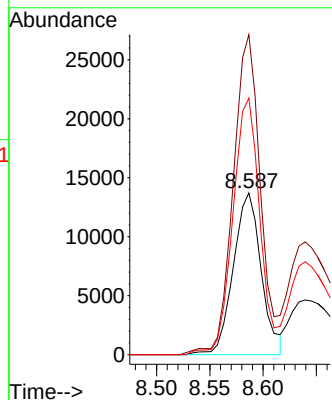
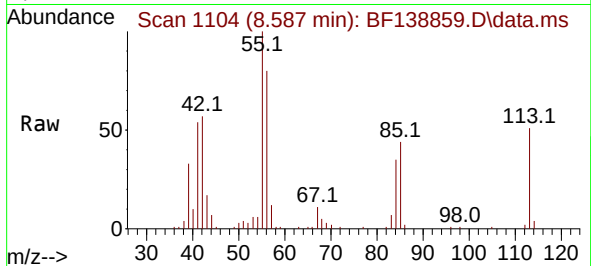




#35
Caprolactam
Concen: 30.339 ng
RT: 8.587 min Scan# 1104
Delta R.T. 0.018 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

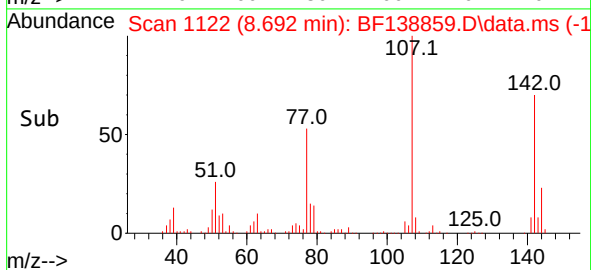
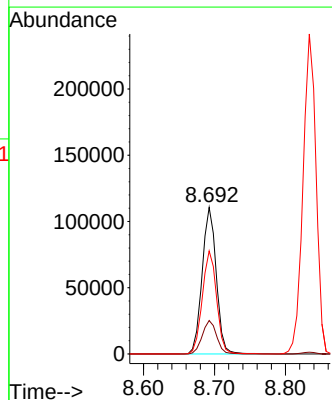
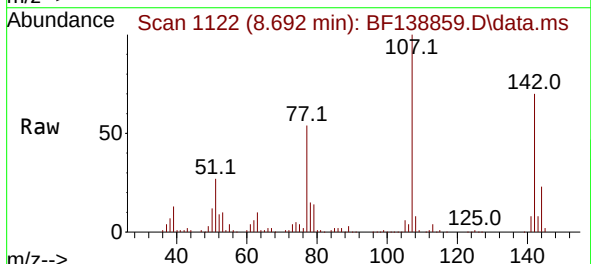
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

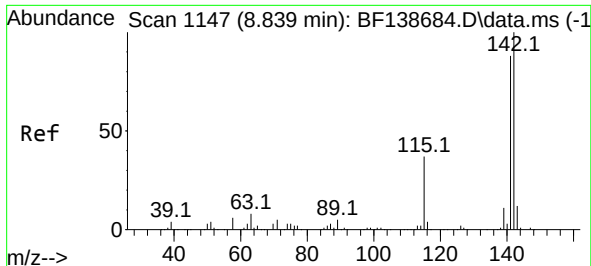
Tgt Ion:113 Resp: 24998
Ion Ratio Lower Upper
113 100
55 197.7 186.7 226.7
56 158.6 138.9 178.9



#36
4-Chloro-3-methylphenol
Concen: 48.703 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:107 Resp: 153702
Ion Ratio Lower Upper
107 100
144 22.8 18.2 27.2
142 70.3 57.4 86.2





#37

2-Methylnaphthalene

Concen: 45.967 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

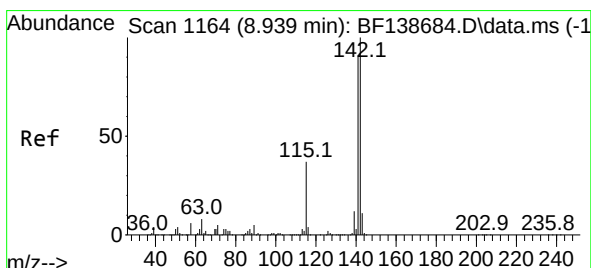
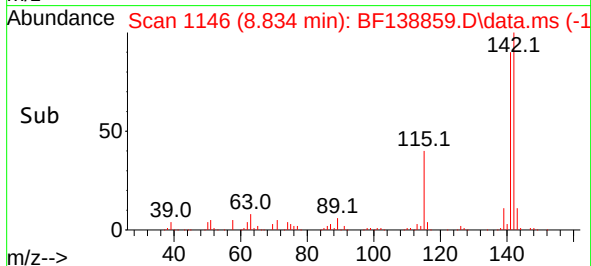
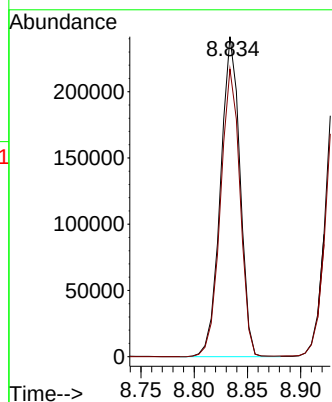
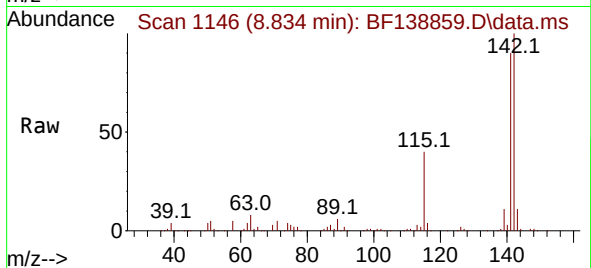
PB162396BSD

Tgt Ion:142 Resp: 306506

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 43.406 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138859.D

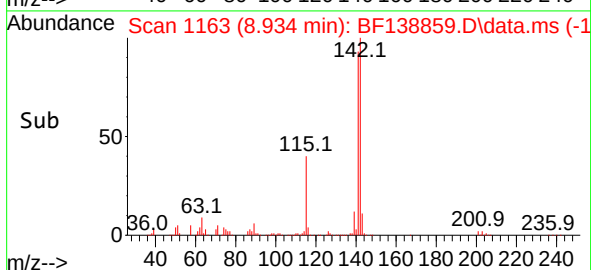
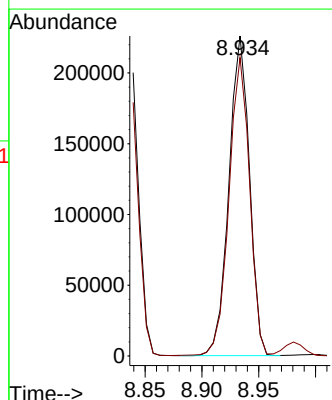
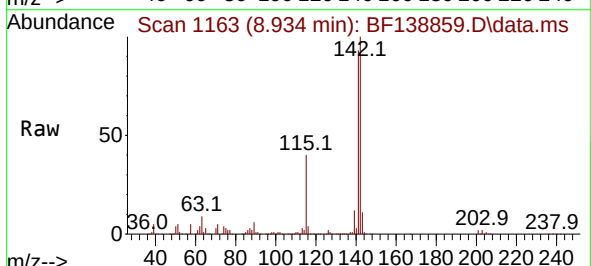
Acq: 08 Aug 2024 11:50

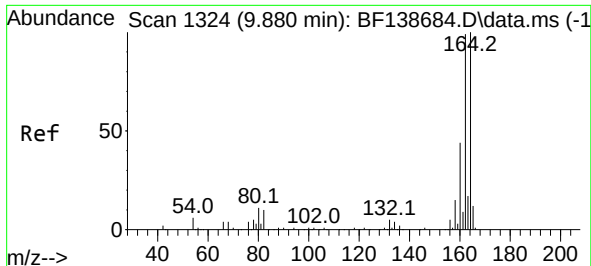
Tgt Ion:142 Resp: 283618

Ion Ratio Lower Upper

142 100

141 93.3 73.1 109.7

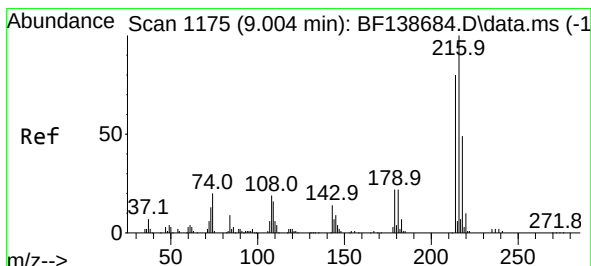
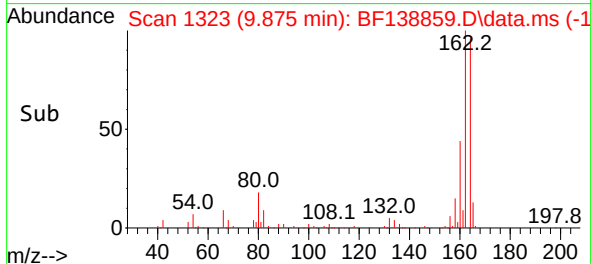
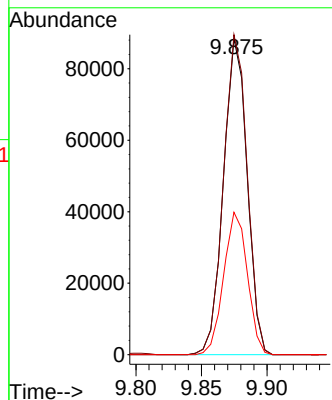
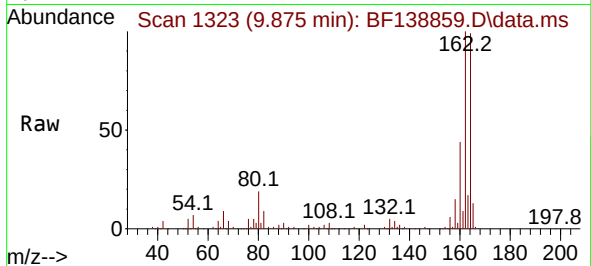




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 111084
Delta R.T. -0.005 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

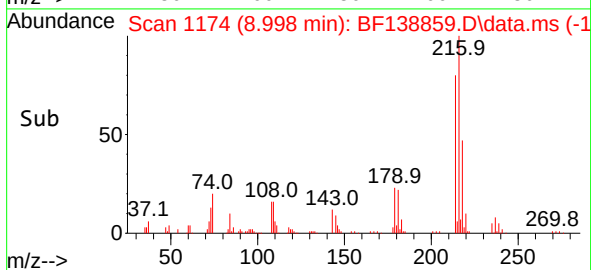
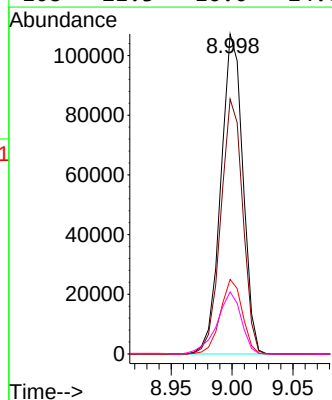
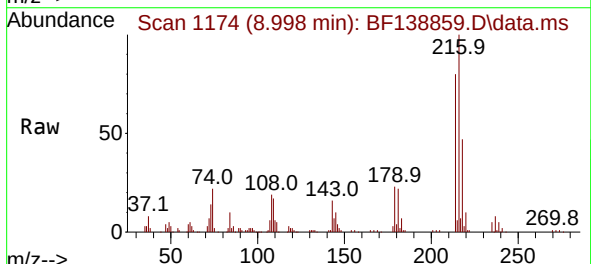
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

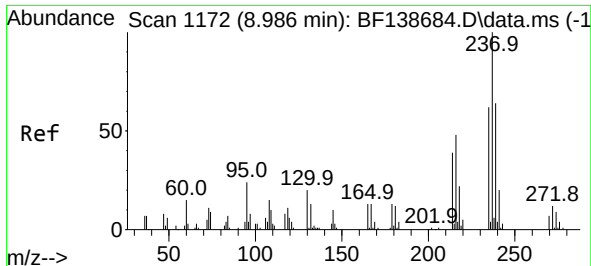
Tgt Ion:164 Resp: 111084
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 45.1 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.699 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

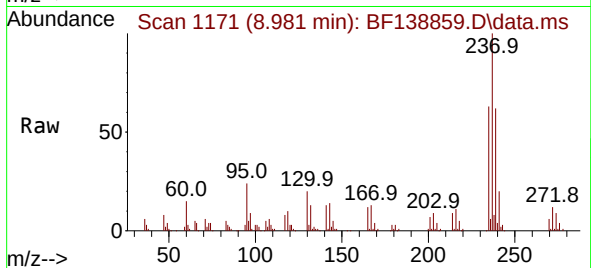
Tgt Ion:216 Resp: 134846
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 23.2 17.8 26.6
108 21.3 16.0 24.0



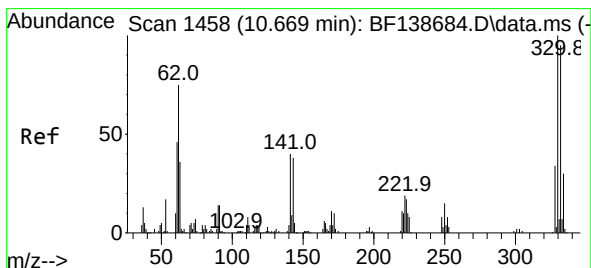
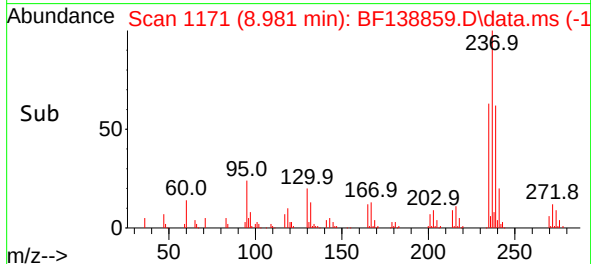
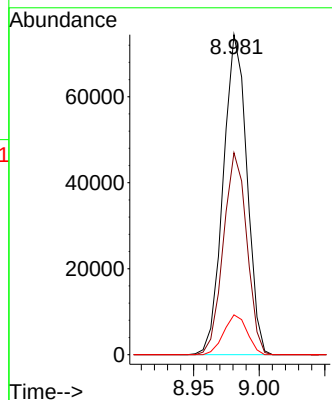


#41
Hexachlorocyclopentadiene
Concen: 111.331 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.005 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB162396BSD

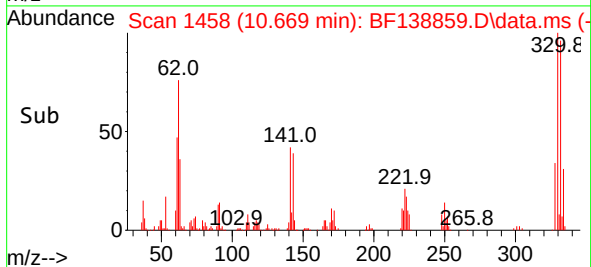
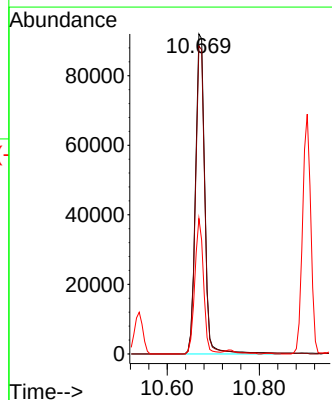
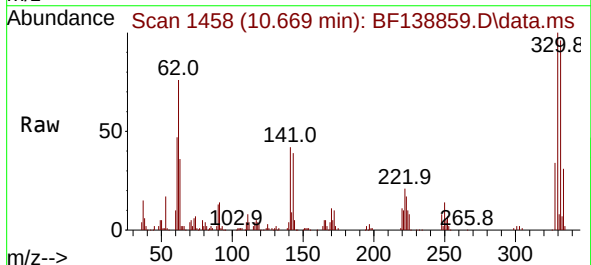


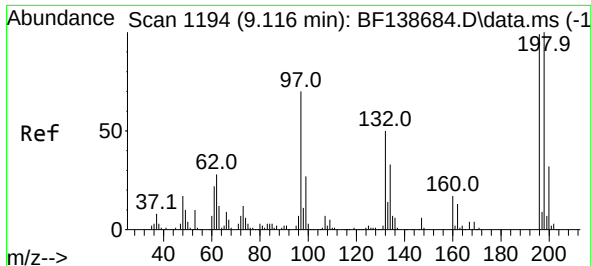
Tgt Ion:237 Resp: 93371
Ion Ratio Lower Upper
237 100
235 63.1 41.8 81.8
272 12.4 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 141.395 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:330 Resp: 128659
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 39.7 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 46.042 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

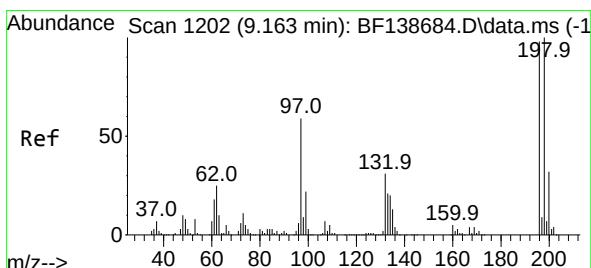
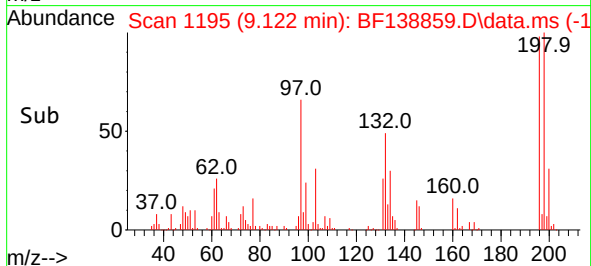
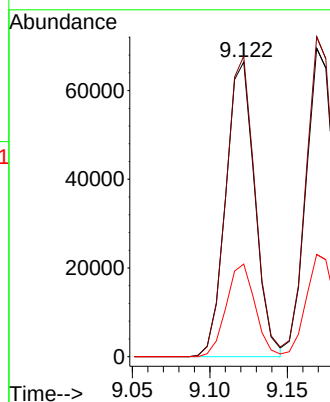
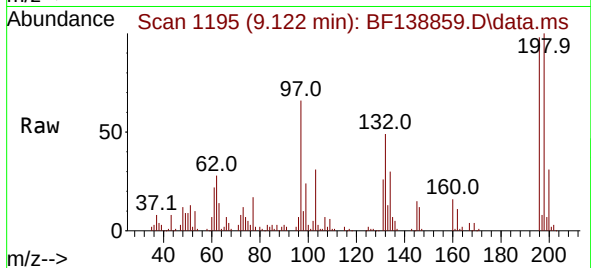
Tgt Ion:196 Resp: 86625

Ion Ratio Lower Upper

196 100

198 101.9 80.5 120.7

200 31.4 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.771 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Tgt Ion:196 Resp: 92085

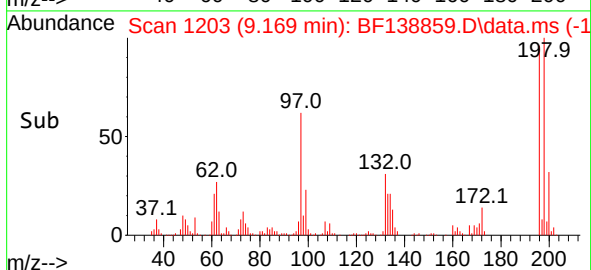
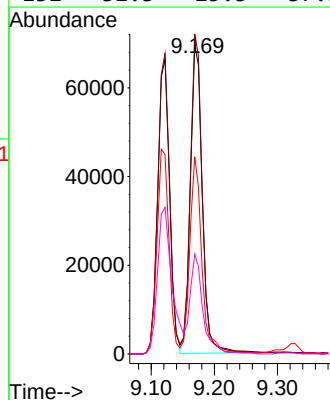
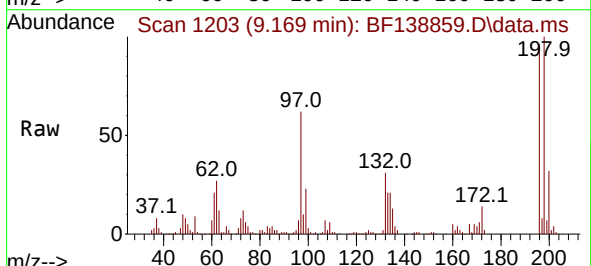
Ion Ratio Lower Upper

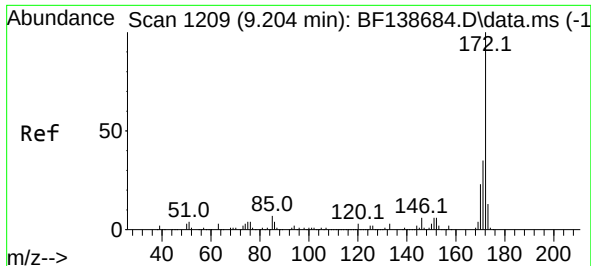
196 100

198 103.7 81.2 121.8

97 64.0 47.8 71.6

132 32.3 25.3 37.9

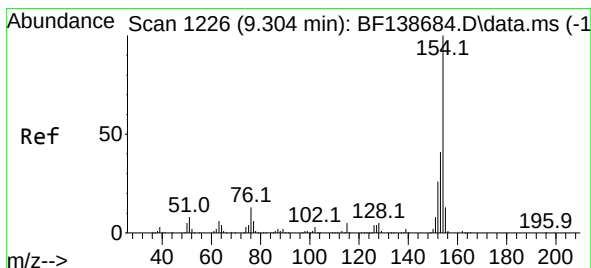
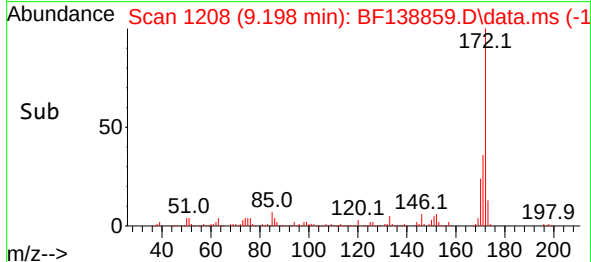
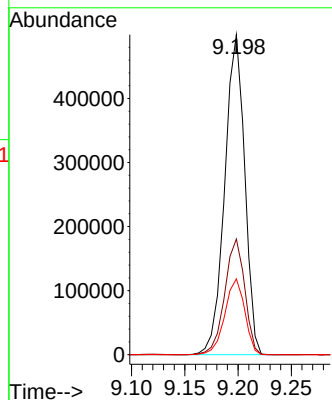
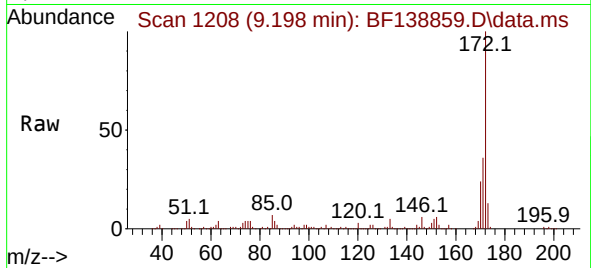




#45
2-Fluorobiphenyl
Concen: 87.914 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

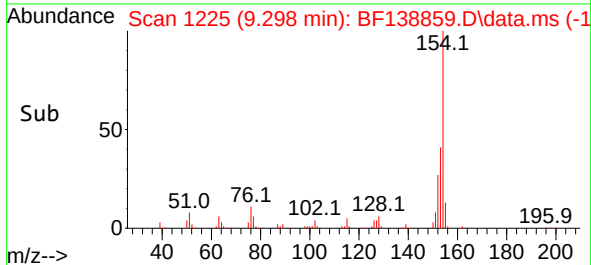
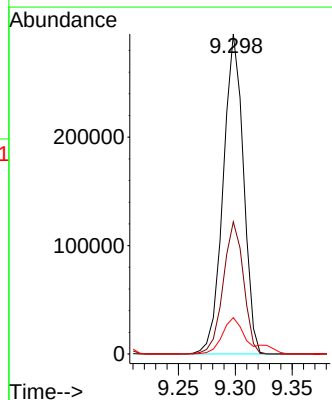
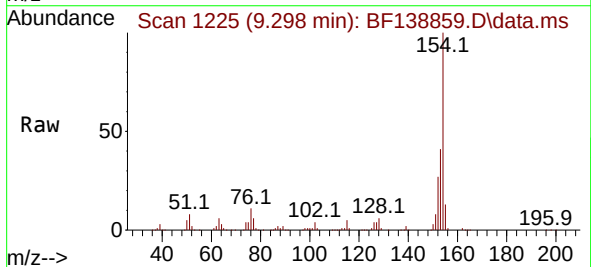
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

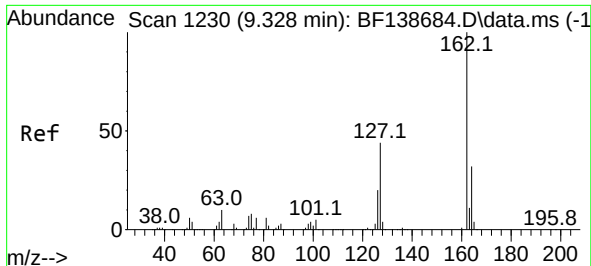
Tgt Ion:172 Resp: 649976
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.7 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.151 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:154 Resp: 366712
Ion Ratio Lower Upper
154 100
153 41.3 20.8 60.8
76 11.3 0.0 32.8

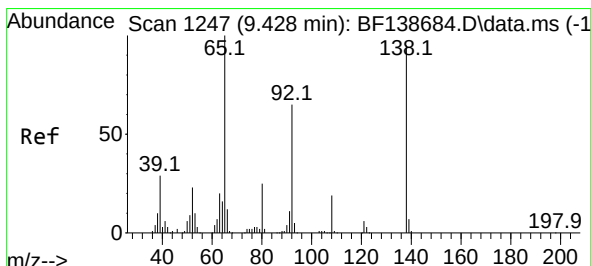
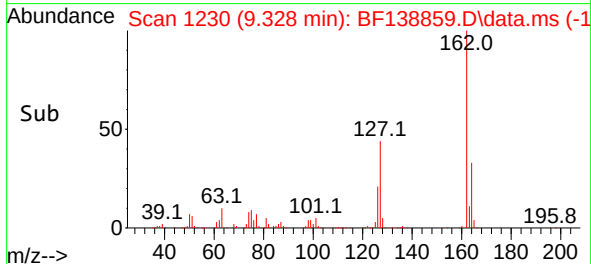
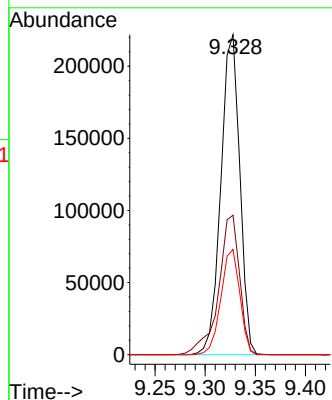
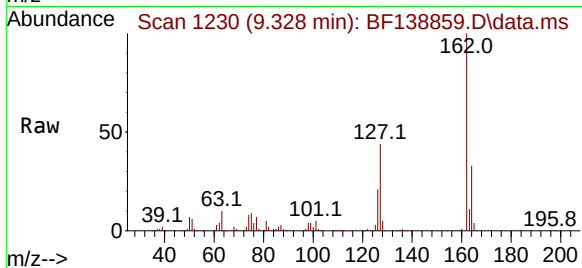




#47
2-Chloronaphthalene
Concen: 44.979 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

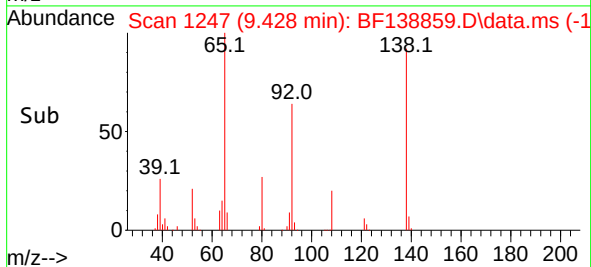
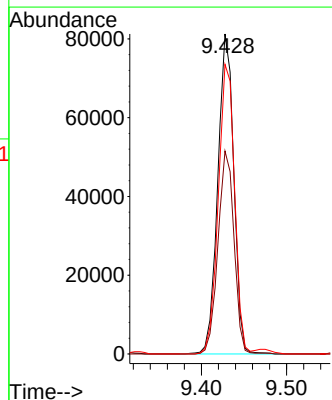
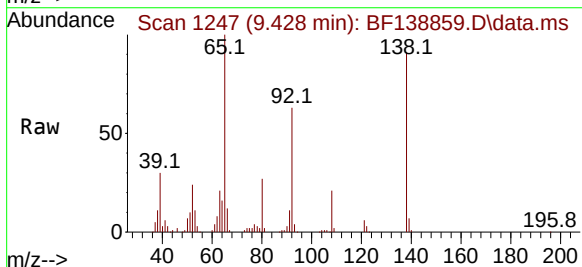
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

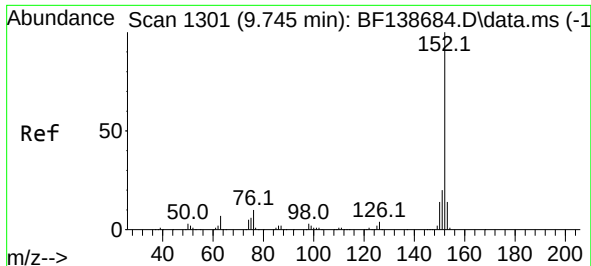
Tgt Ion:162 Resp: 291030
Ion Ratio Lower Upper
162 100
127 43.6 35.4 53.2
164 32.9 25.6 38.4



#48
2-Nitroaniline
Concen: 48.340 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion: 65 Resp: 106036
Ion Ratio Lower Upper
65 100
92 63.4 52.0 78.0
138 90.5 76.2 114.4

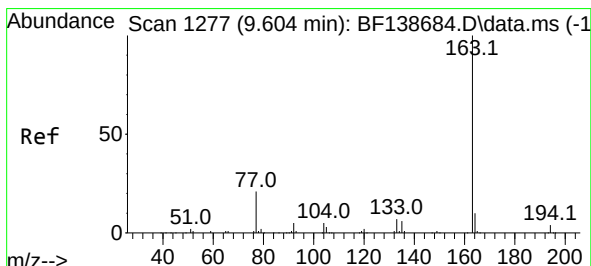
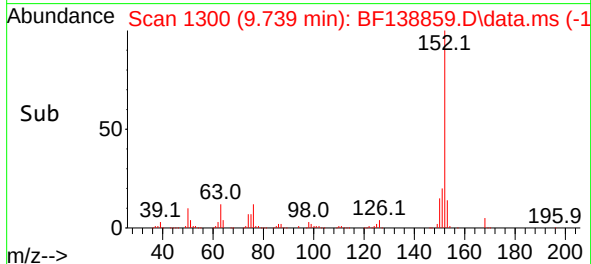
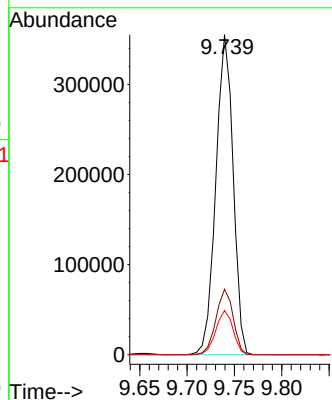
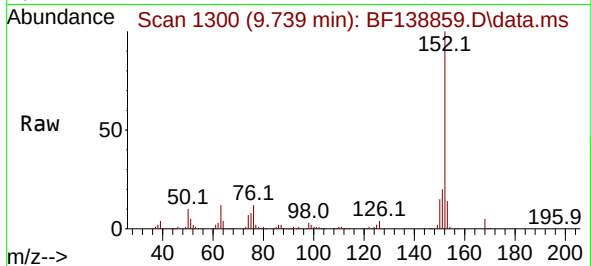




#49
Acenaphthylene
Concen: 49.101 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

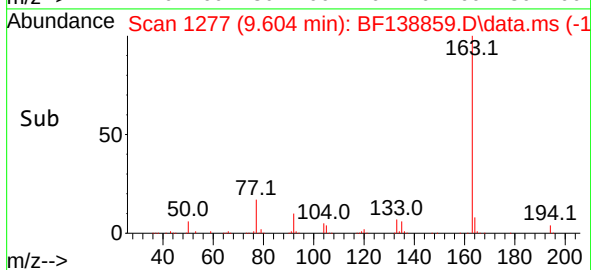
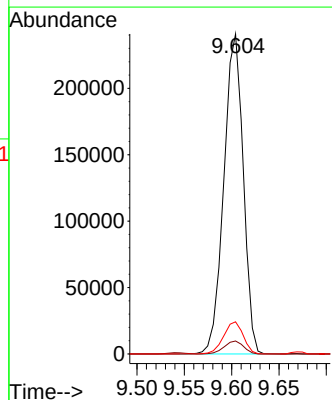
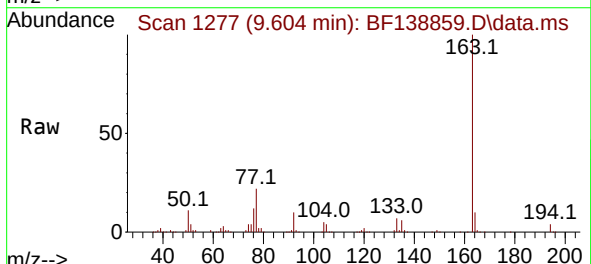
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

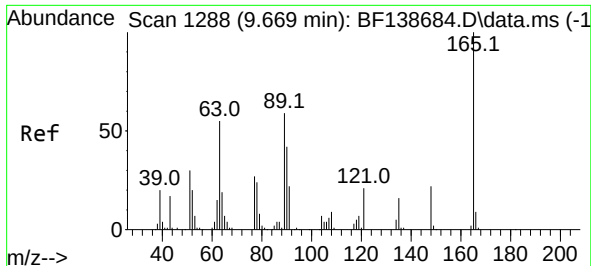
Tgt Ion:152 Resp: 450596
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.8 11.0 16.4



#50
Dimethylphthalate
Concen: 48.441 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:163 Resp: 344070
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 7.8 11.8

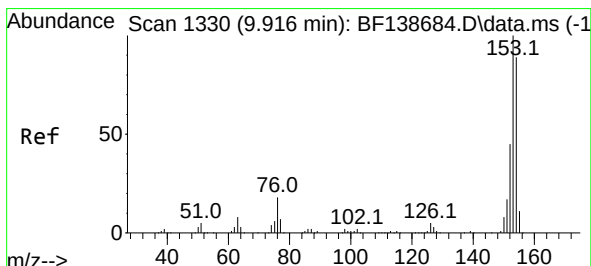
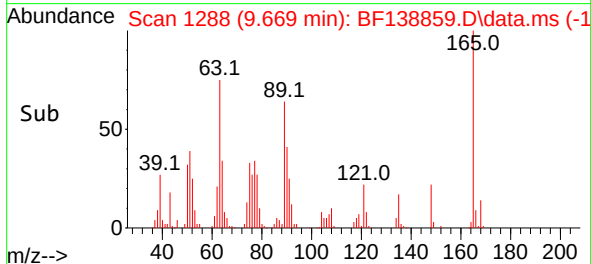
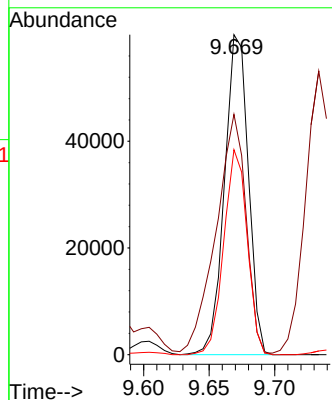
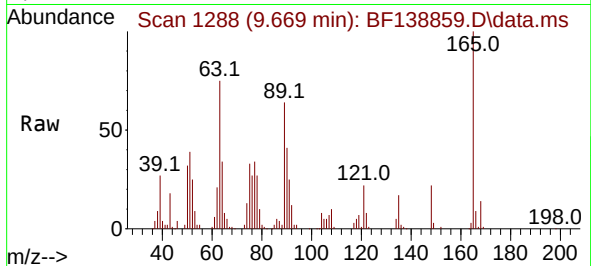




#51
2,6-Dinitrotoluene
Concen: 47.324 ng
RT: 9.669 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

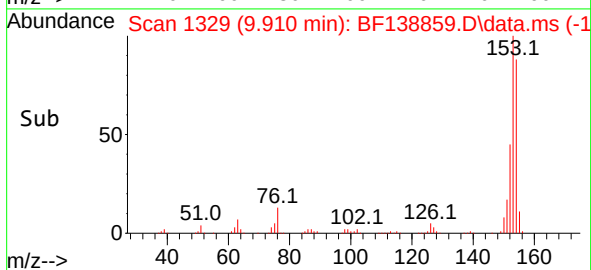
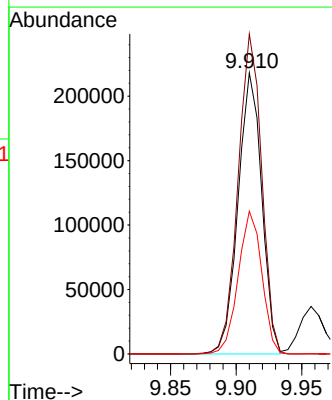
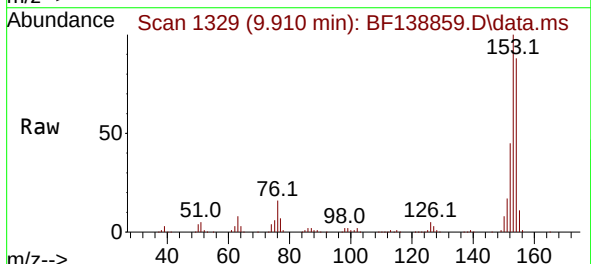
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

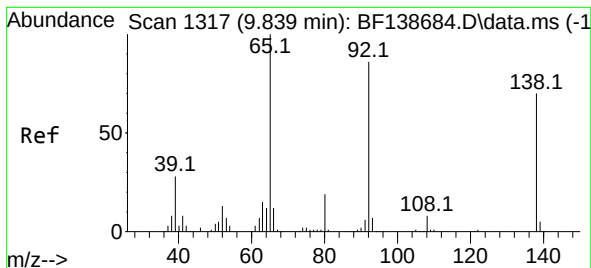
Tgt Ion:165 Resp: 75860
Ion Ratio Lower Upper
165 100
63 75.1 52.0 78.0
89 64.1 47.0 70.6



#52
Acenaphthene
Concen: 44.477 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:154 Resp: 274378
Ion Ratio Lower Upper
154 100
153 113.8 89.9 134.9
152 50.7 40.6 60.8





#53

3-Nitroaniline

Concen: 30.309 ng

RT: 9.839 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

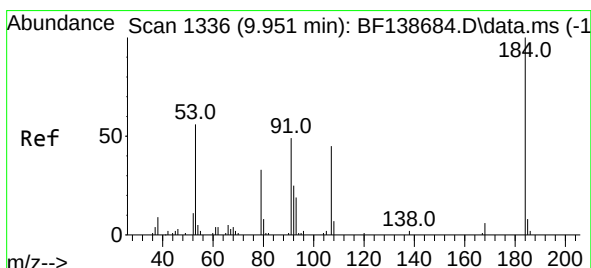
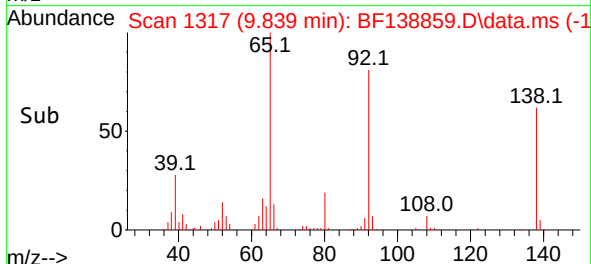
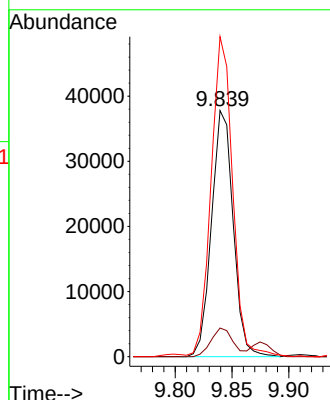
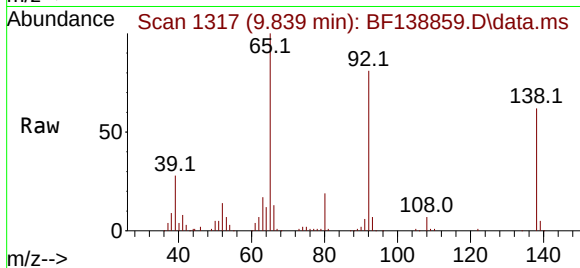
Tgt Ion:138 Resp: 50225

Ion Ratio Lower Upper

138 100

108 11.6 9.1 13.7

92 130.1 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 94.732 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

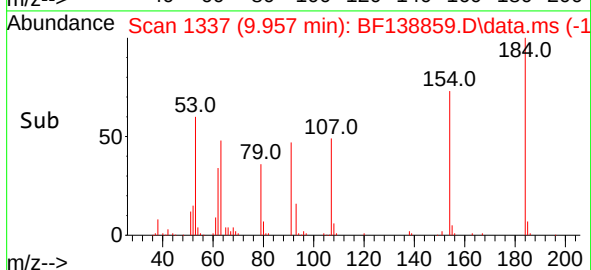
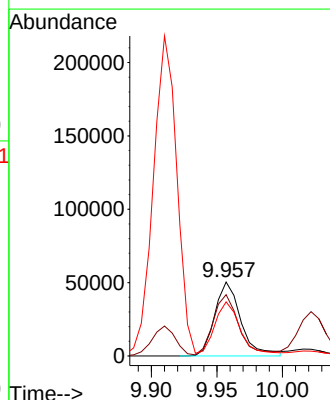
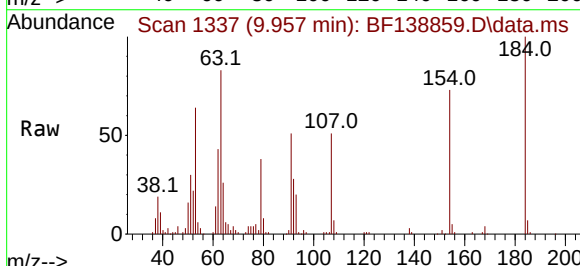
Tgt Ion:184 Resp: 69903

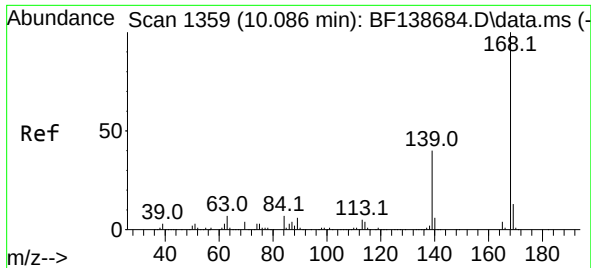
Ion Ratio Lower Upper

184 100

63 82.9 57.5 86.3

154 73.1 51.7 77.5

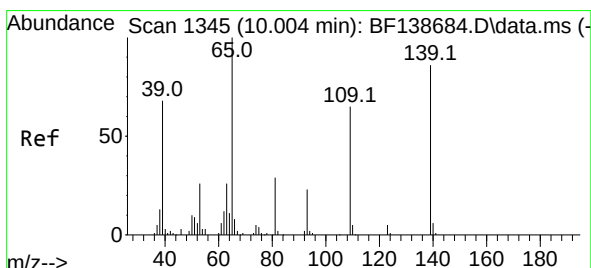
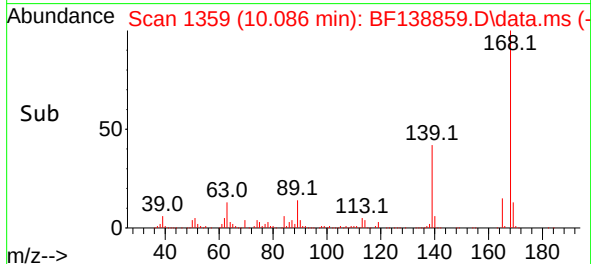
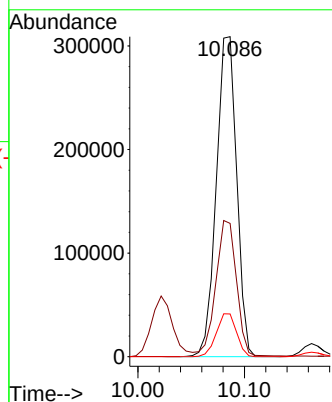
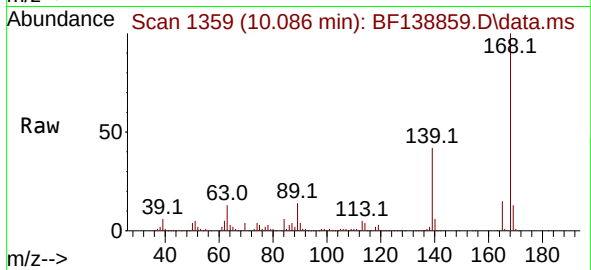




#55
Dibenzofuran
Concen: 46.956 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

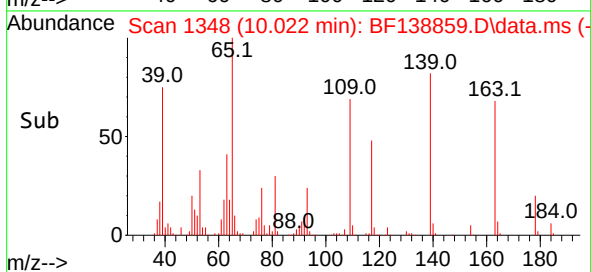
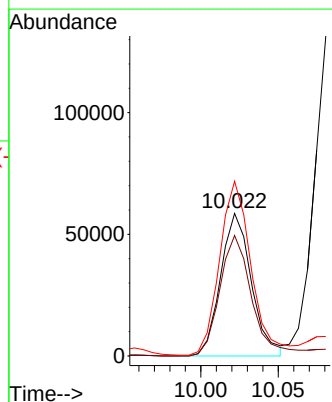
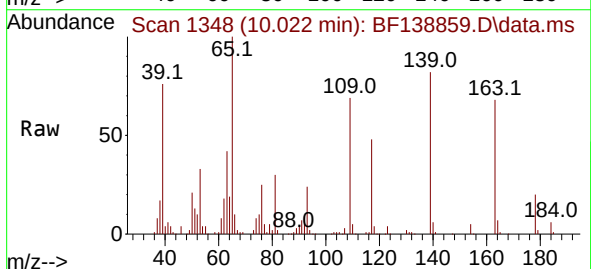
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

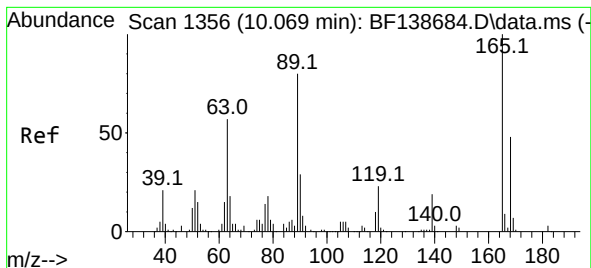
Tgt Ion:168 Resp: 408895
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 81.421 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:139 Resp: 81137
Ion Ratio Lower Upper
139 100
109 84.5 55.5 95.5
65 122.5 96.7 136.7

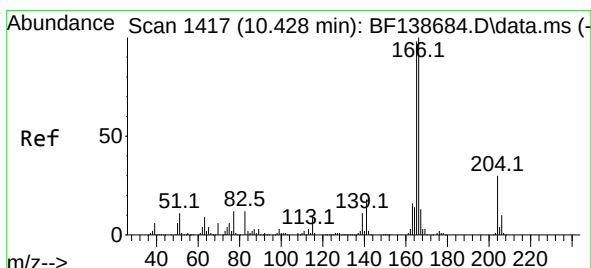
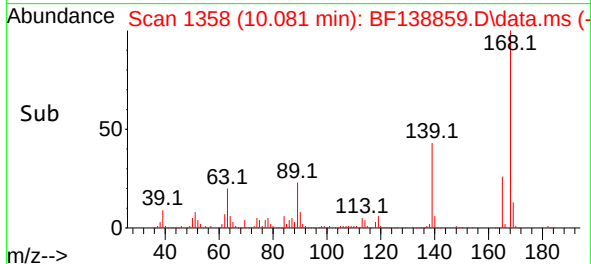
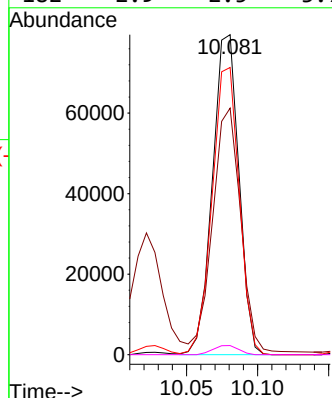
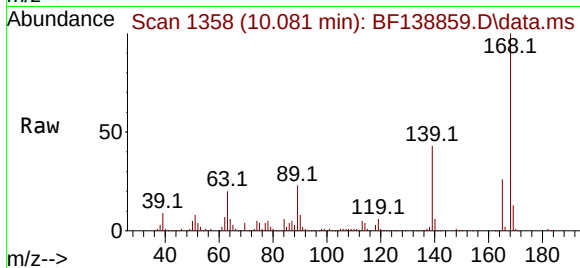




#57
2,4-Dinitrotoluene
Concen: 50.240 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

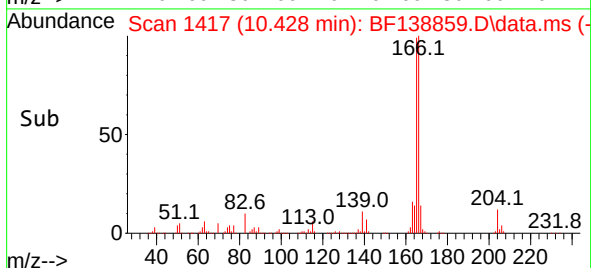
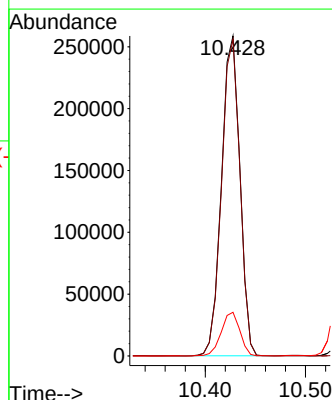
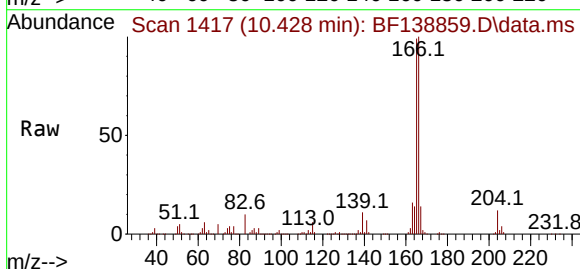
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

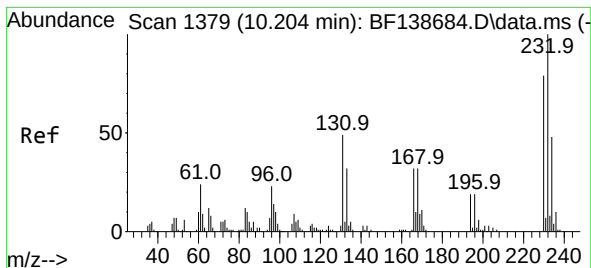
Tgt Ion:165 Resp: 102749
Ion Ratio Lower Upper
165 100
63 77.1 46.3 69.5#
89 89.8 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 47.481 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:166 Resp: 329262
Ion Ratio Lower Upper
166 100
165 99.0 78.4 117.6
167 13.7 10.6 16.0

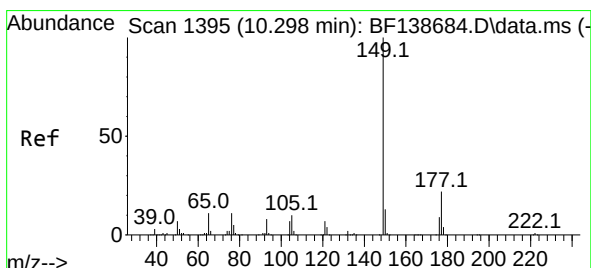
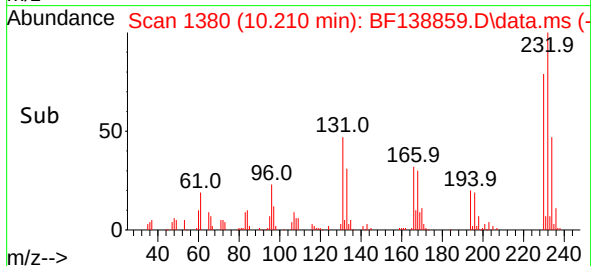
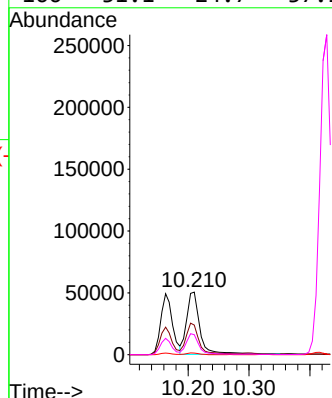
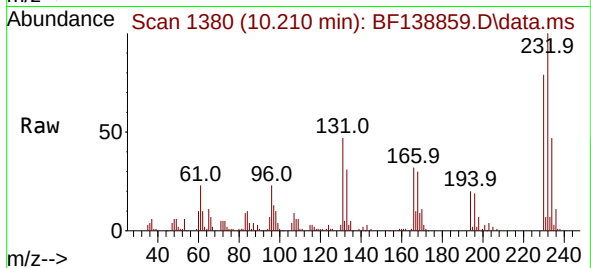




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.299 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

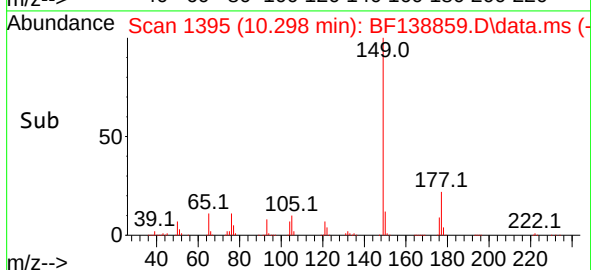
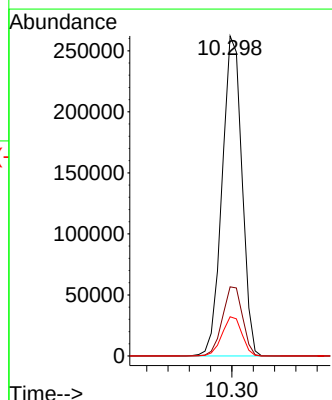
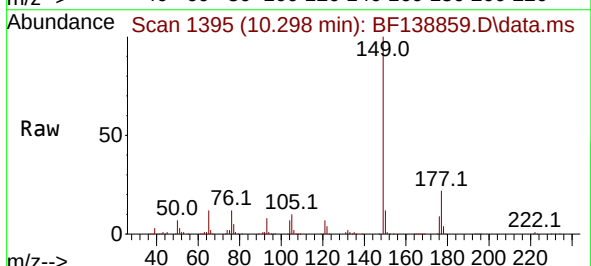
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

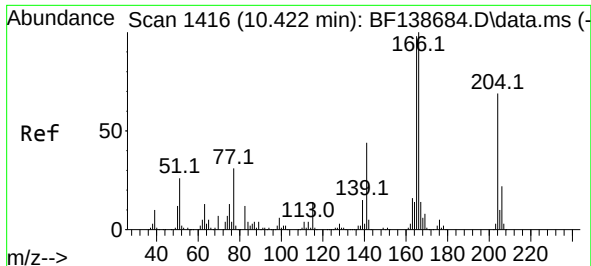
Tgt Ion:232 Resp: 75948
Ion Ratio Lower Upper
232 100
131 49.4 37.0 55.4
130 2.6 2.0 3.0
166 31.1 24.7 37.1



#60
Diethylphthalate
Concen: 50.177 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:149 Resp: 337931
Ion Ratio Lower Upper
149 100
177 21.6 17.8 26.8
150 12.3 10.1 15.1

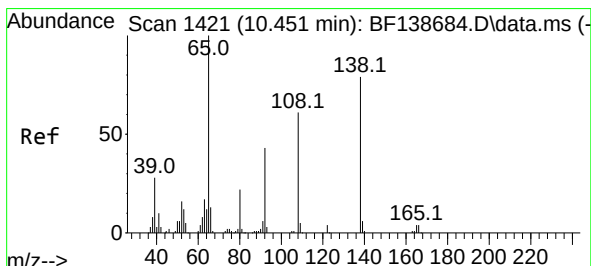
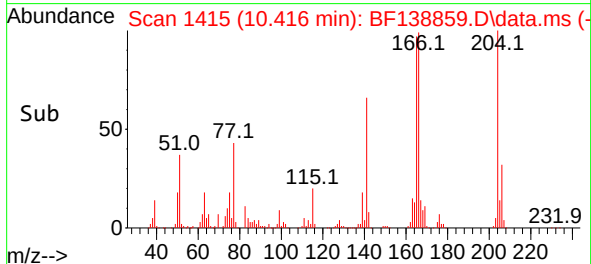
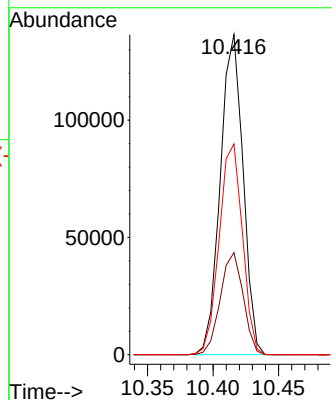
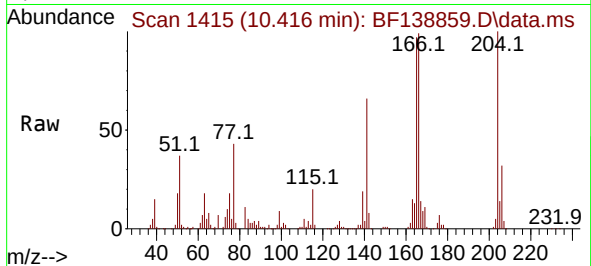




#61
4-Chlorophenyl-phenylether
Concen: 48.286 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

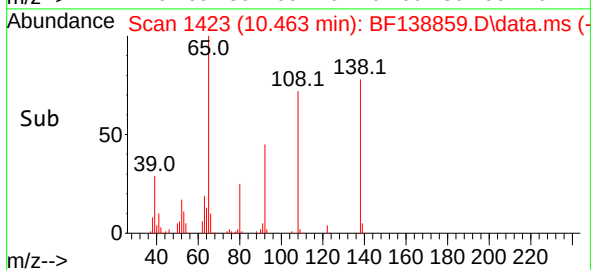
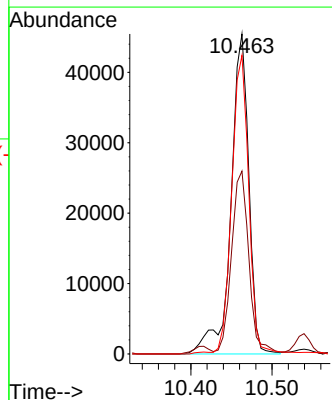
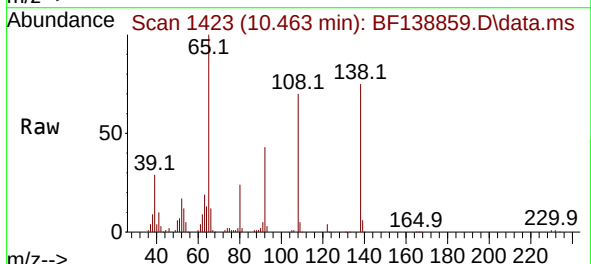
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

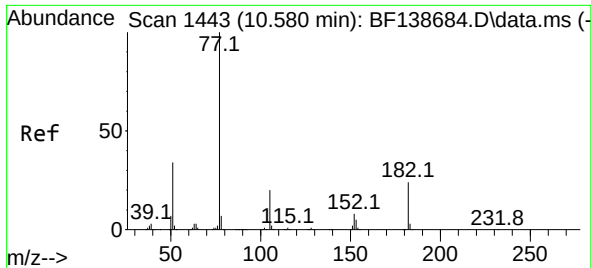
Tgt Ion:204 Resp: 164682
Ion Ratio Lower Upper
204 100
206 31.9 26.1 39.1
141 65.9 51.4 77.0



#62
4-Nitroaniline
Concen: 44.004 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:138 Resp: 69297
Ion Ratio Lower Upper
138 100
92 57.1 34.2 74.2
108 93.3 56.2 96.2

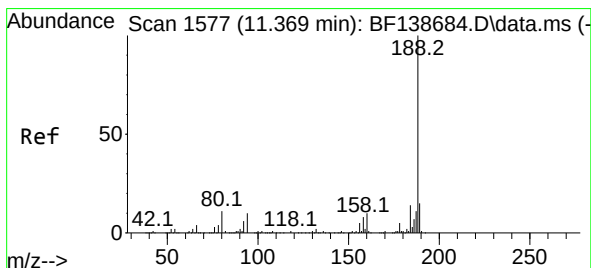
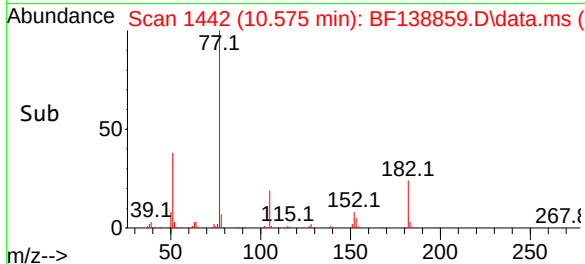
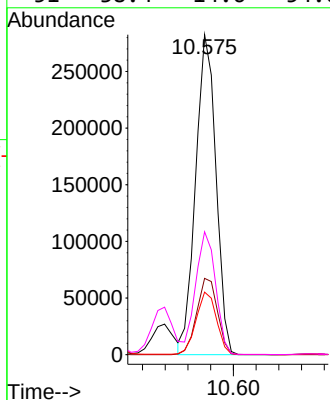
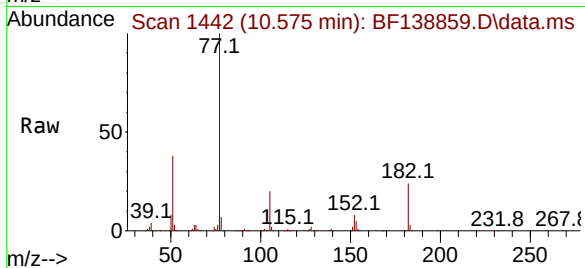




#63
Azobenzene
Concen: 47.064 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

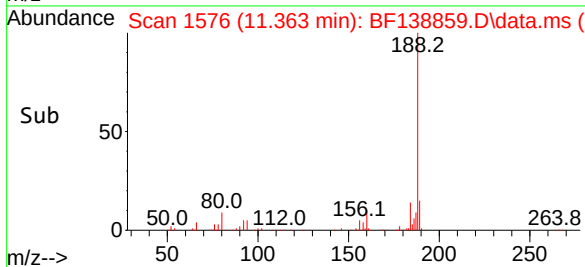
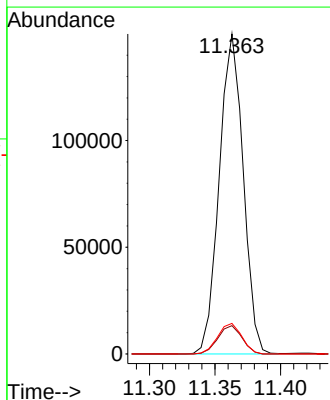
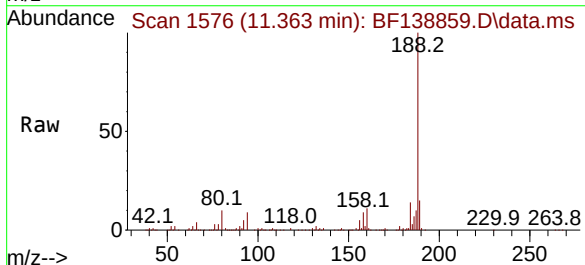
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

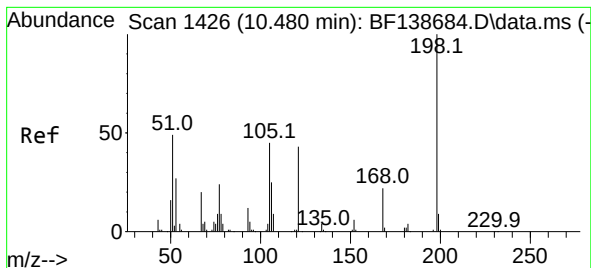
Tgt Ion: 77	Resp: 351540
Ion Ratio	Lower Upper
77 100	
182 23.9	3.4 43.4
105 19.6	0.2 40.2
51 38.4	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:188	Resp: 190386
Ion Ratio	Lower Upper
188 100	
94 8.8	7.6 11.4
80 9.5	8.6 12.8

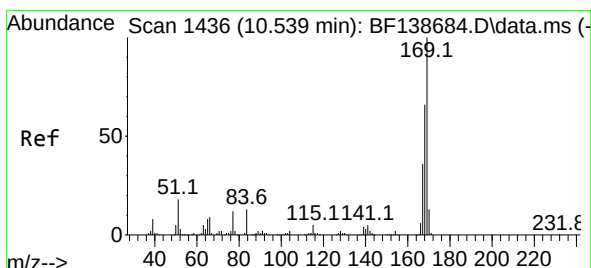
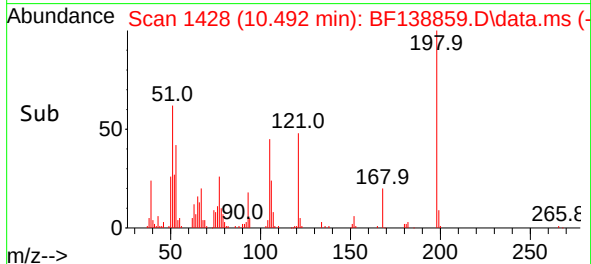
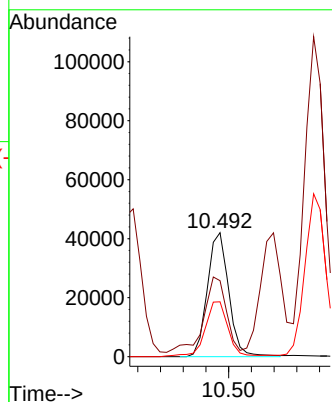
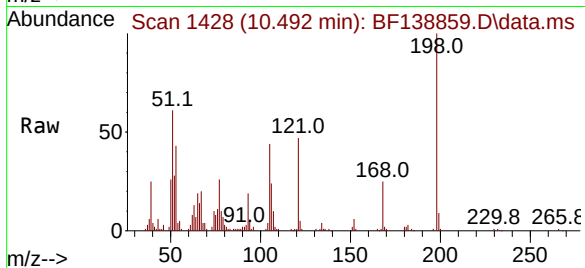




#65
4,6-Dinitro-2-methylphenol
Concen: 47.303 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

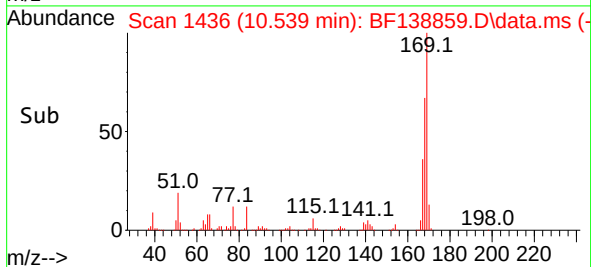
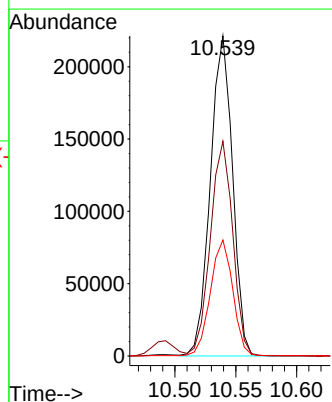
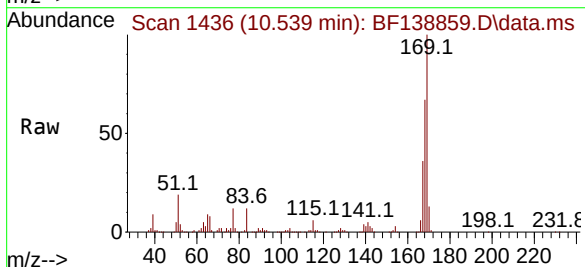
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

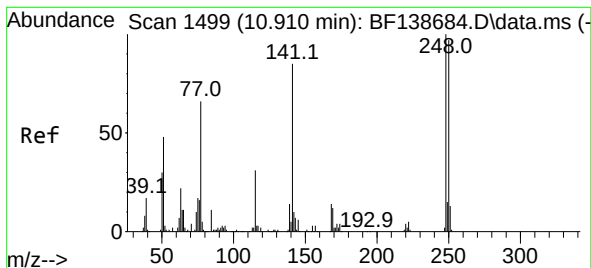
Tgt Ion:198 Resp: 54943
Ion Ratio Lower Upper
198 100
51 61.3 39.9 79.9
105 44.2 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.132 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:169 Resp: 280486
Ion Ratio Lower Upper
169 100
168 67.1 53.0 79.6
167 36.3 29.0 43.6

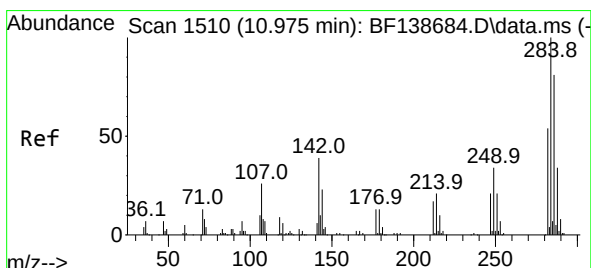
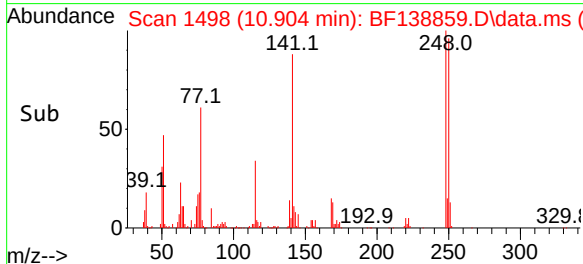
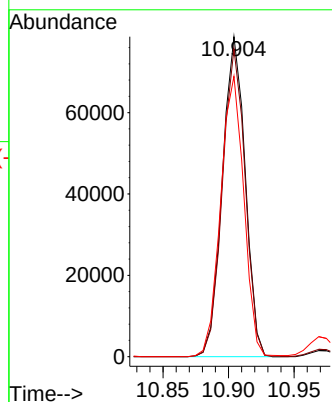
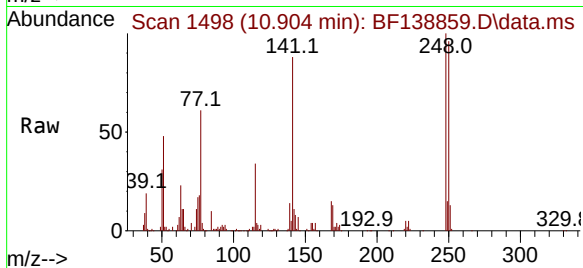




#67
4-Bromophenyl-phenylether
Concen: 46.228 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

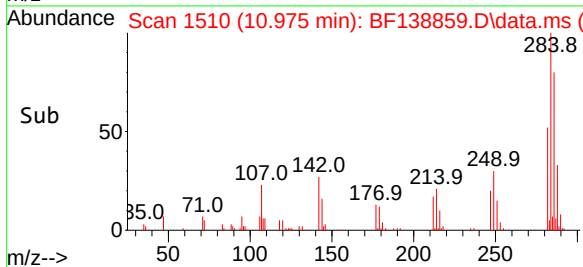
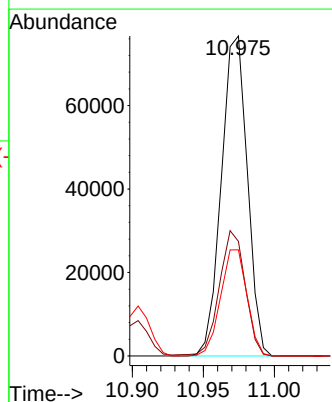
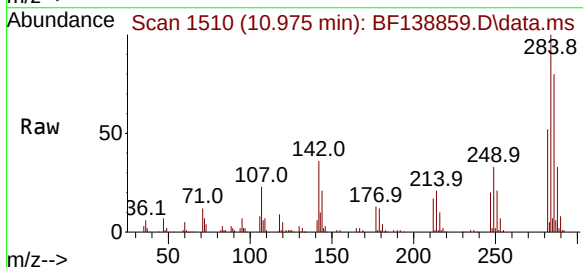
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

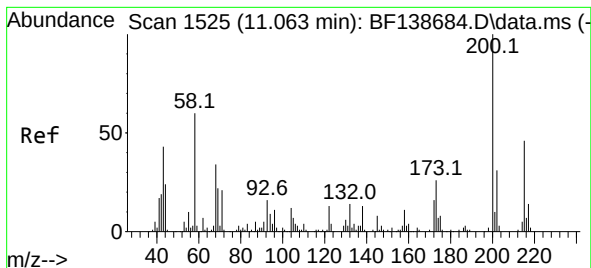
Tgt Ion:248 Resp: 95289
Ion Ratio Lower Upper
248 100
250 96.1 77.7 116.5
141 87.6 68.0 102.0



#68
Hexachlorobenzene
Concen: 45.954 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:284 Resp: 97803
Ion Ratio Lower Upper
284 100
142 35.8 31.3 46.9
249 33.2 27.2 40.8





#69

Atrazine

Concen: 54.657 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

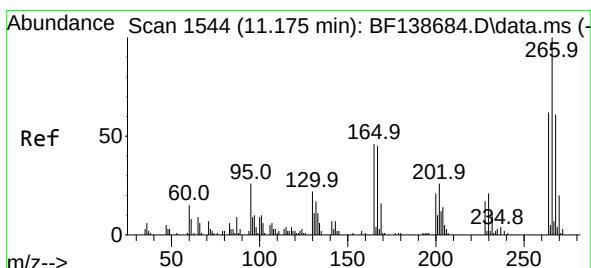
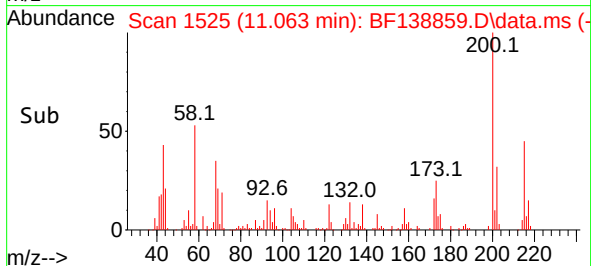
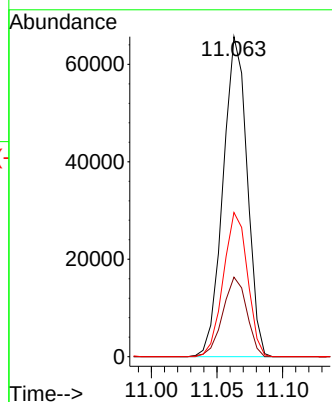
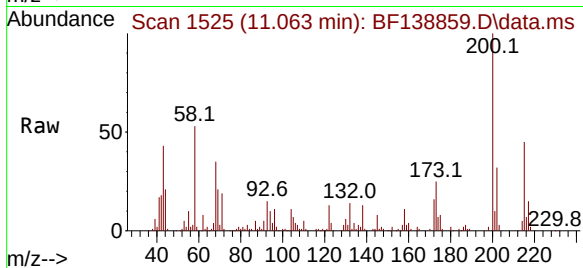
Tgt Ion:200 Resp: 83919

Ion Ratio Lower Upper

200 100

173 24.9 6.0 46.0

215 45.0 26.1 66.1



#70

Pentachlorophenol

Concen: 80.070 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

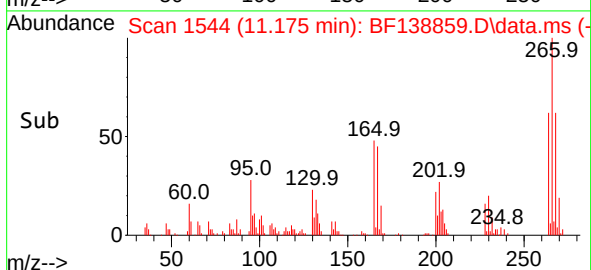
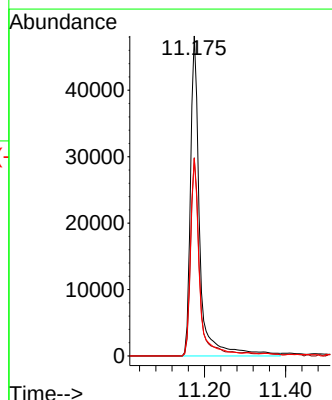
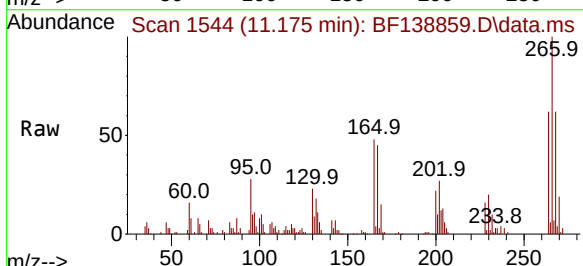
Tgt Ion:266 Resp: 76812

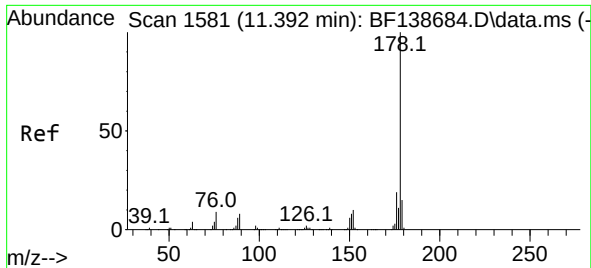
Ion Ratio Lower Upper

266 100

268 62.0 49.2 73.8

264 61.7 49.8 74.6

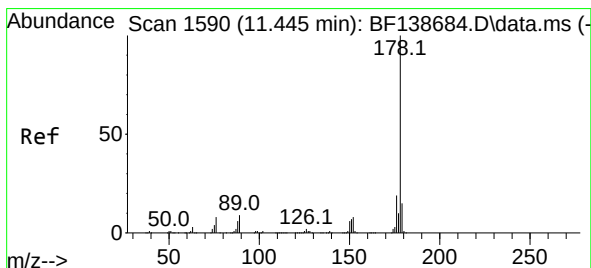
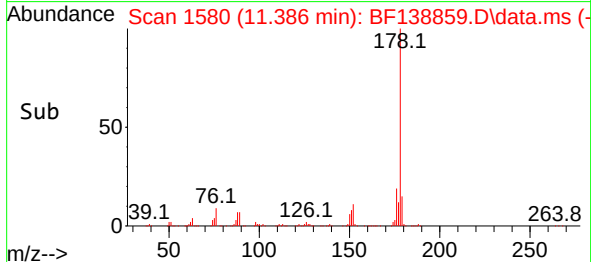
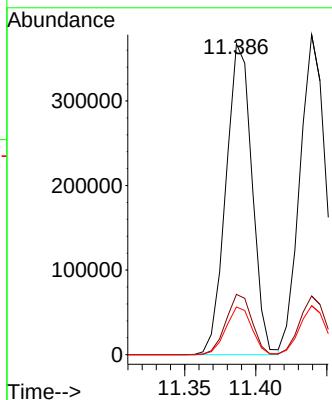
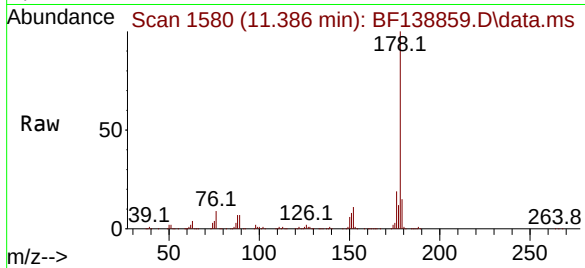




#71
Phenanthrene
Concen: 47.992 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

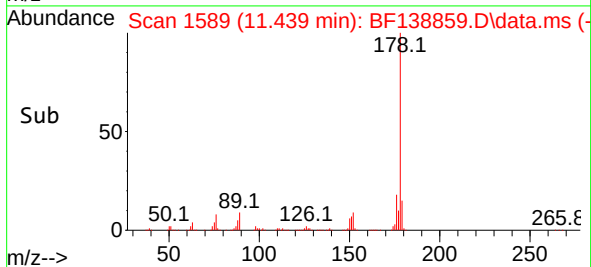
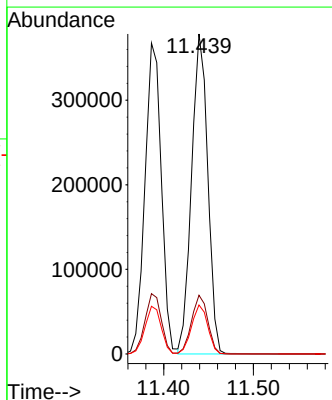
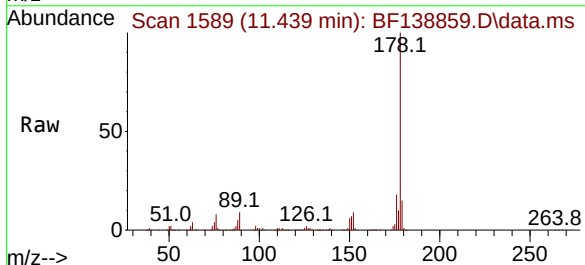
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

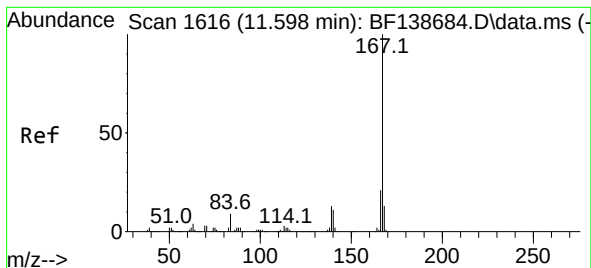
Tgt Ion:178 Resp: 470485
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 49.095 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:178 Resp: 474146
Ion Ratio Lower Upper
178 100
176 18.4 14.9 22.3
179 15.3 12.4 18.6





#73

Carbazole

Concen: 48.083 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

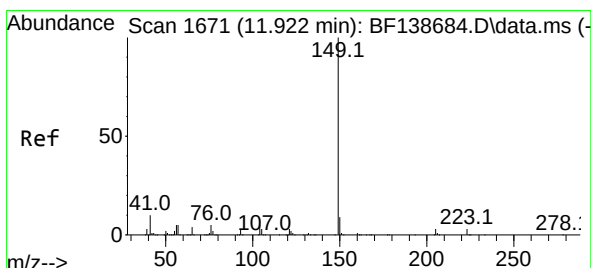
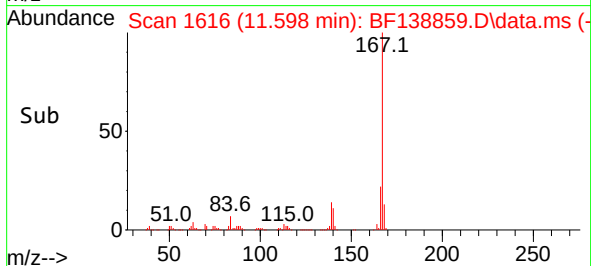
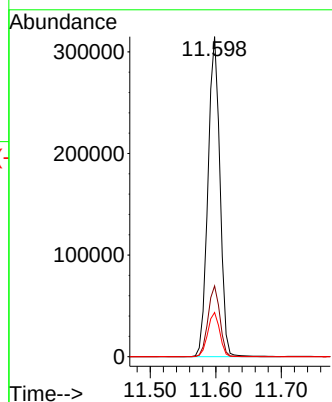
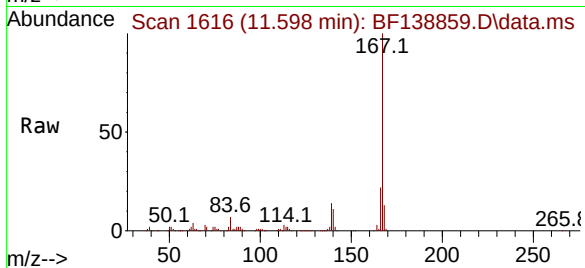
Tgt Ion:167 Resp: 400635

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 53.918 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

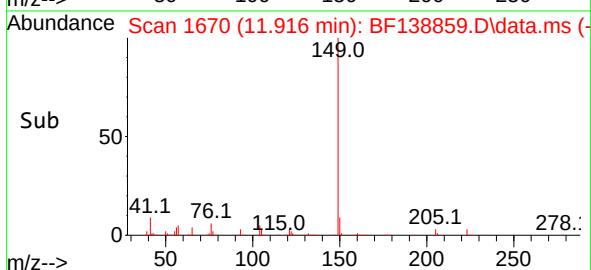
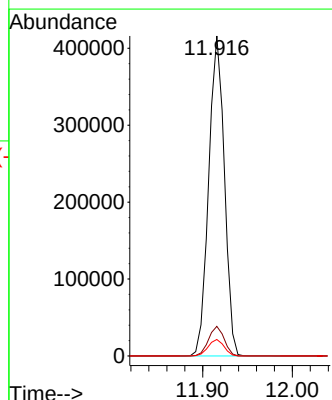
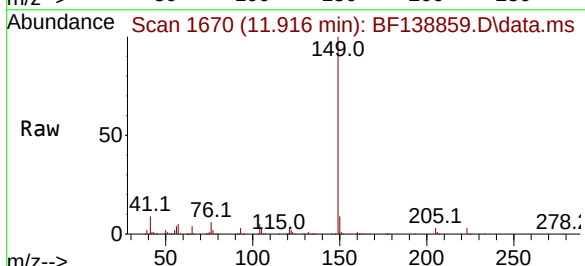
Tgt Ion:149 Resp: 505033

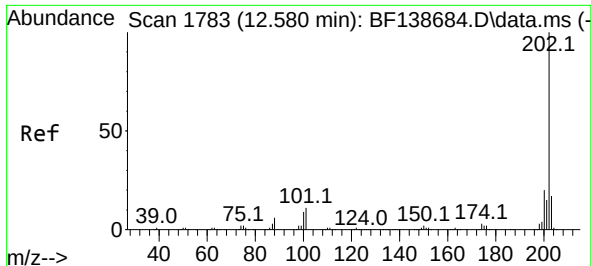
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

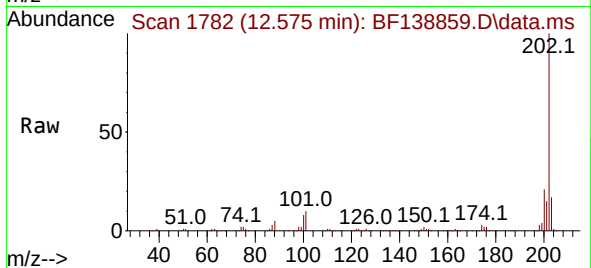
104 5.2 4.1 6.1



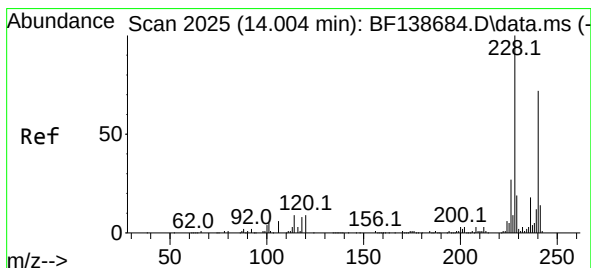
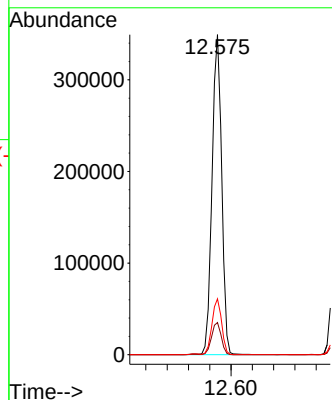


#75
Fluoranthene
Concen: 48.075 ng
RT: 12.575 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB162396BSD

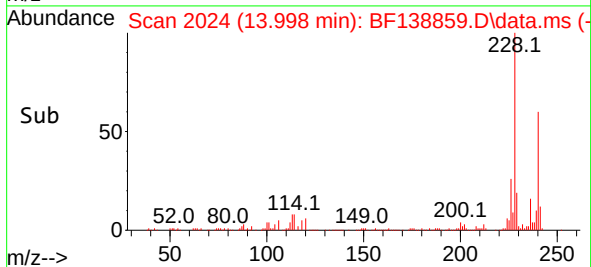
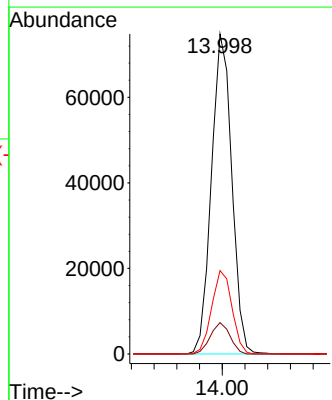
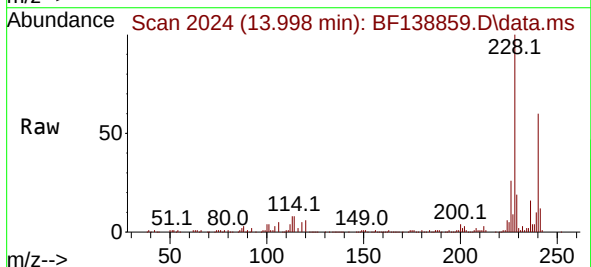


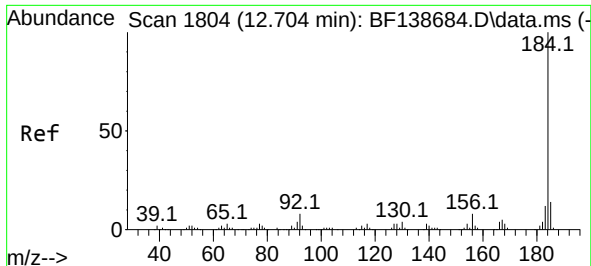
Tgt Ion:202 Resp: 439983
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.2
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:240 Resp: 93170
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 26.0 19.8 29.8

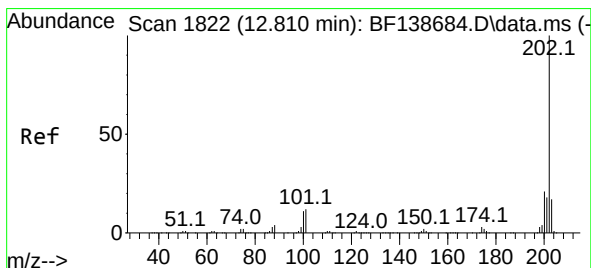
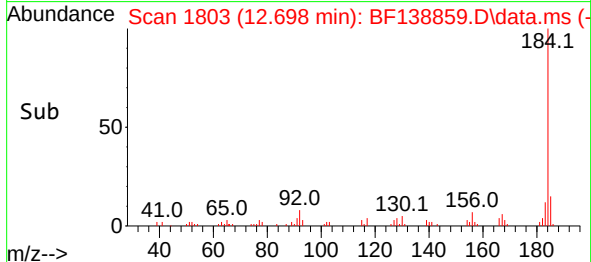
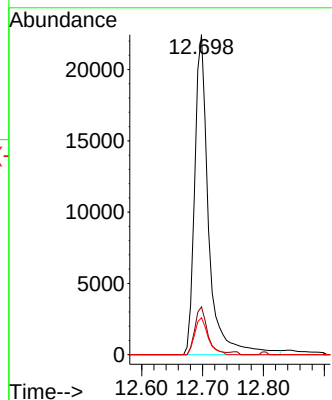
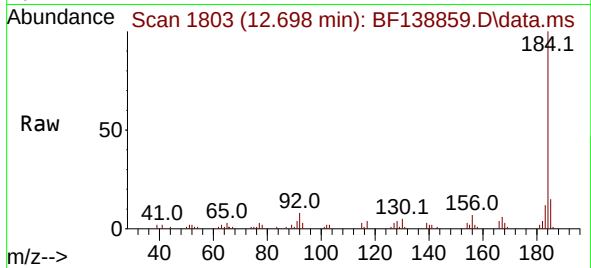




#77
Benzidine
Concen: 16.019 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

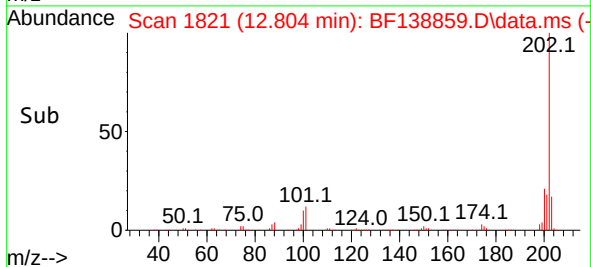
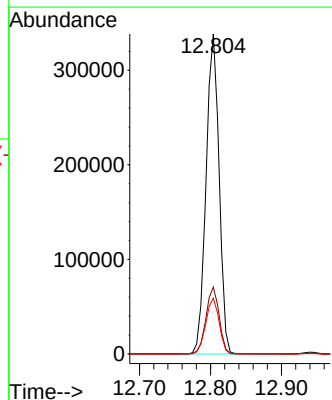
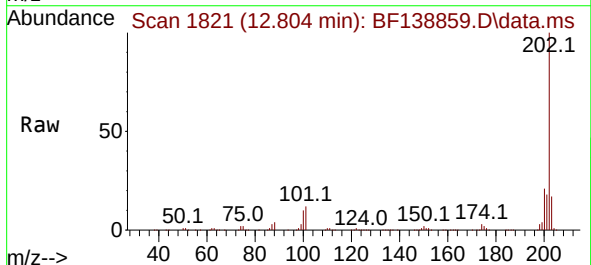
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

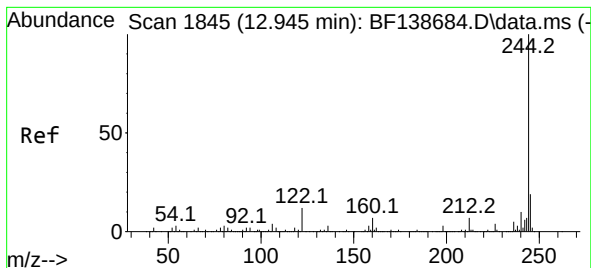
Tgt Ion:184 Resp: 35697
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 11.5 9.6 14.4



#78
Pyrene
Concen: 49.266 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:202 Resp: 432175
Ion Ratio Lower Upper
202 100
200 20.9 16.8 25.2
203 17.5 13.8 20.6





#79

Terphenyl-d14

Concen: 113.357 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

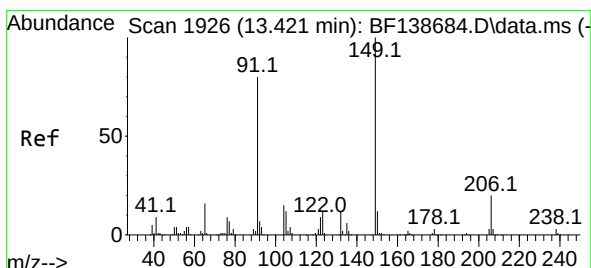
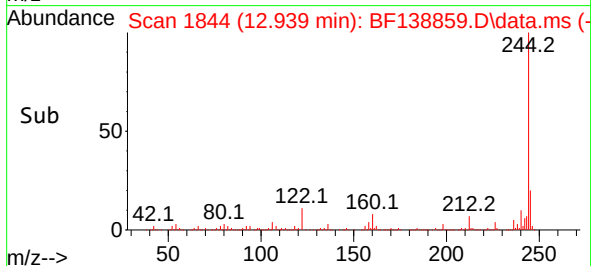
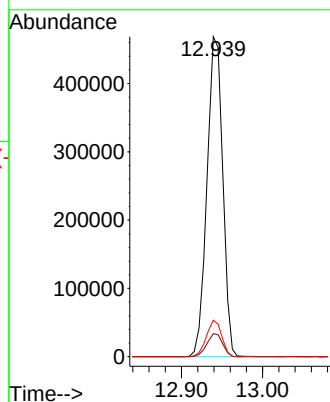
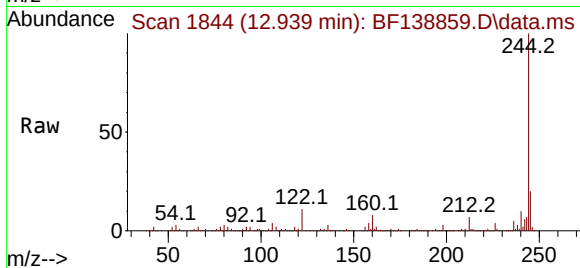
Tgt Ion:244 Resp: 630811

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 11.4 9.6 14.4



#80

Butylbenzylphthalate

Concen: 52.686 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

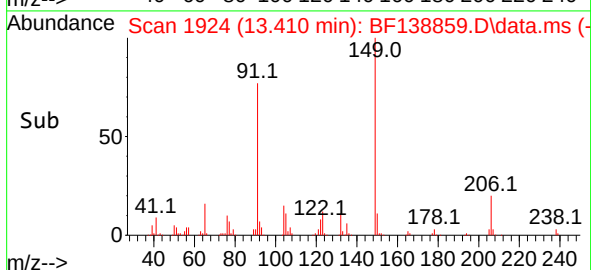
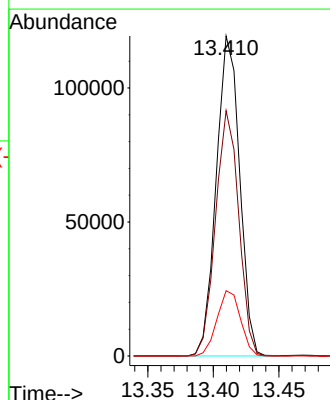
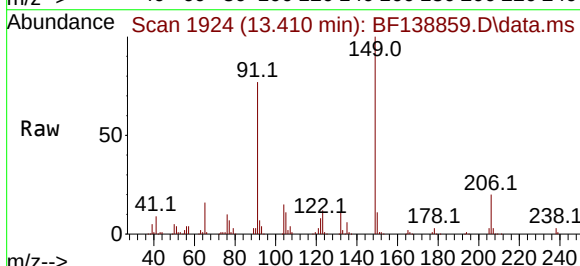
Tgt Ion:149 Resp: 148001

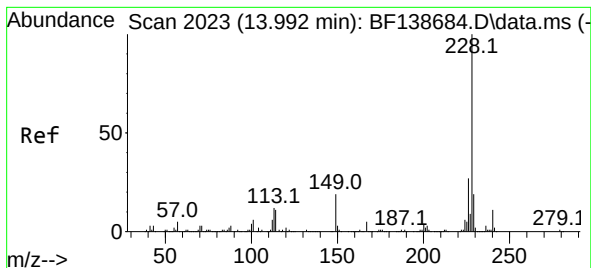
Ion Ratio Lower Upper

149 100

91 76.7 63.7 95.5

206 20.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 48.834 ng

RT: 13.986 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

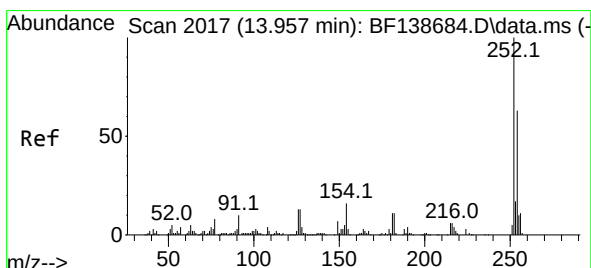
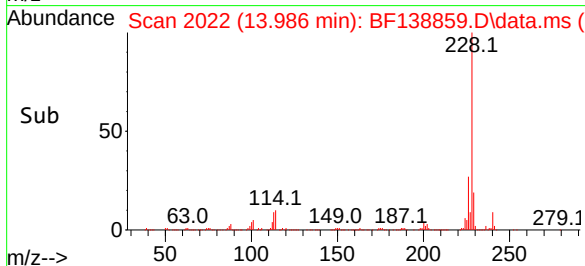
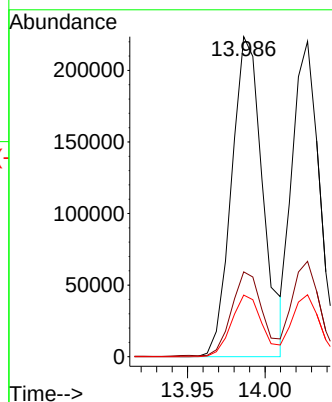
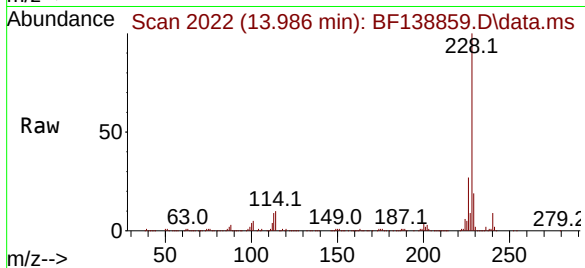
Tgt Ion:228 Resp: 313311

Ion Ratio Lower Upper

228 100

226 26.5 22.1 33.1

229 19.3 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 35.557 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

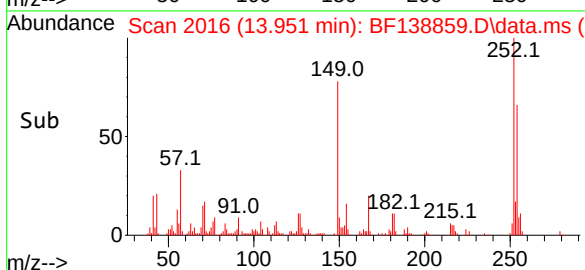
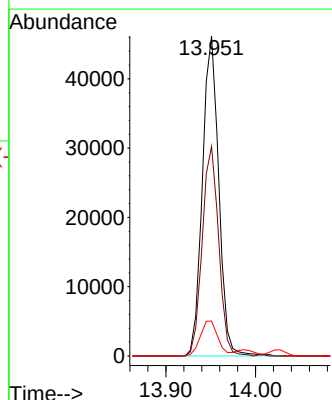
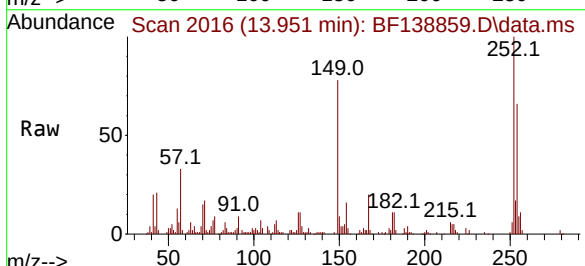
Tgt Ion:252 Resp: 58380

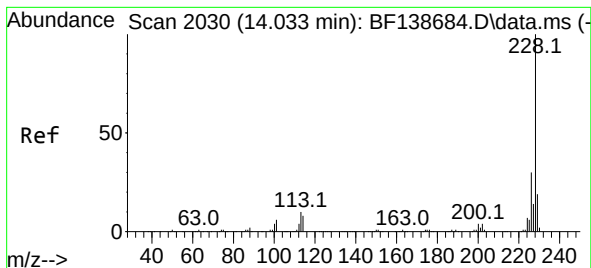
Ion Ratio Lower Upper

252 100

254 65.5 50.8 76.2

126 10.9 10.2 15.2





#83

Chrysene

Concen: 45.903 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

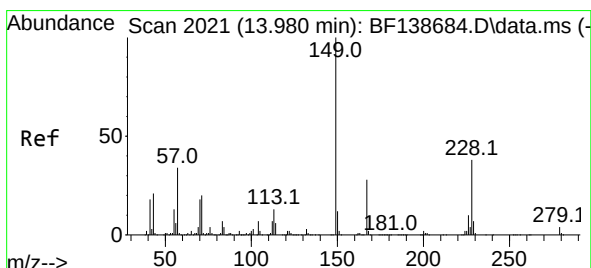
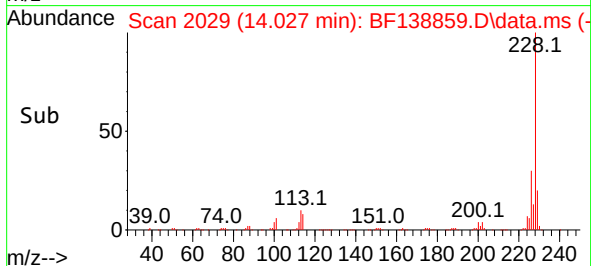
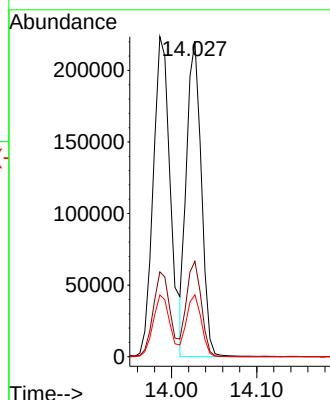
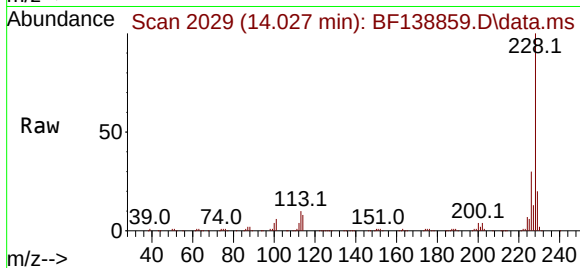
Tgt Ion:228 Resp: 265703

Ion Ratio Lower Upper

228 100

226 30.2 23.7 35.5

229 19.7 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.196 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

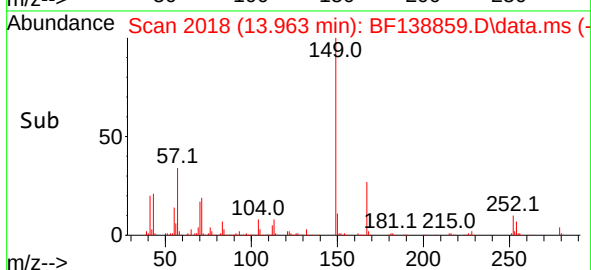
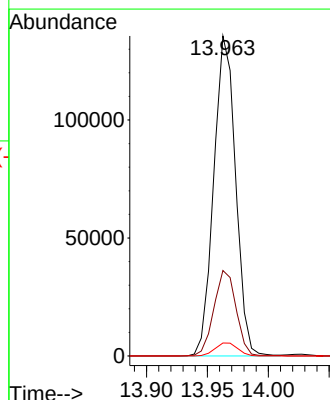
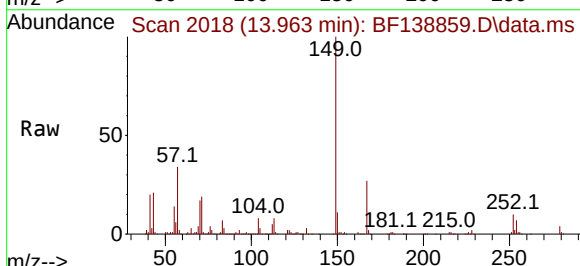
Tgt Ion:149 Resp: 169459

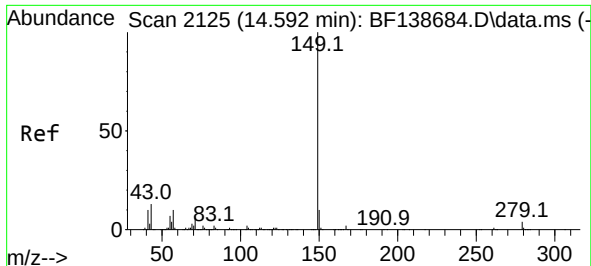
Ion Ratio Lower Upper

149 100

167 26.7 22.2 33.4

279 4.0 3.4 5.0

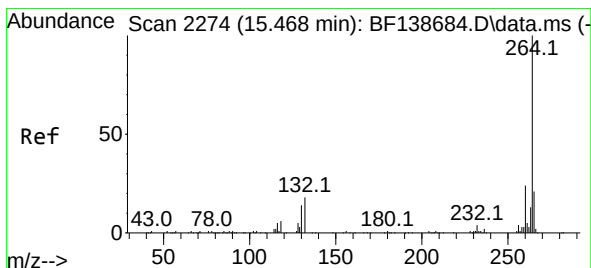
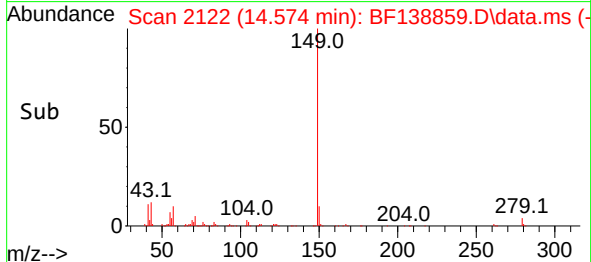
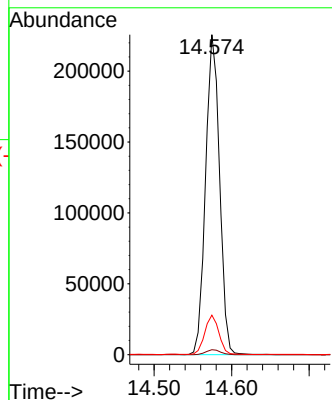
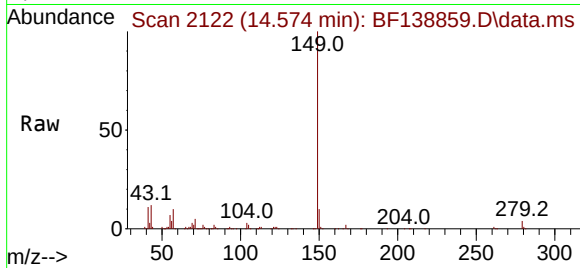




#85
Di-n-octyl phthalate
Concen: 37.132 ng
RT: 14.574 min Scan# 2125
Delta R.T. -0.018 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

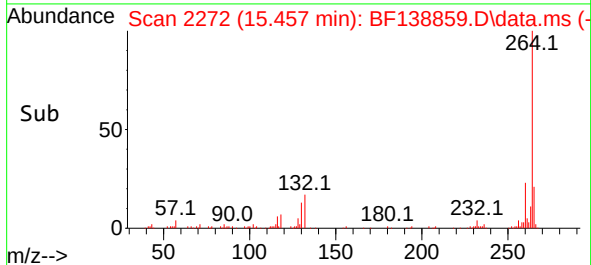
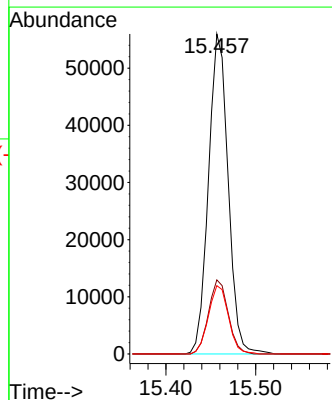
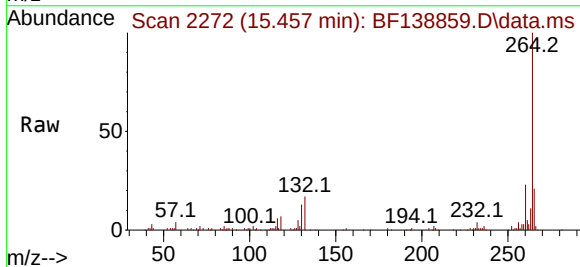
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

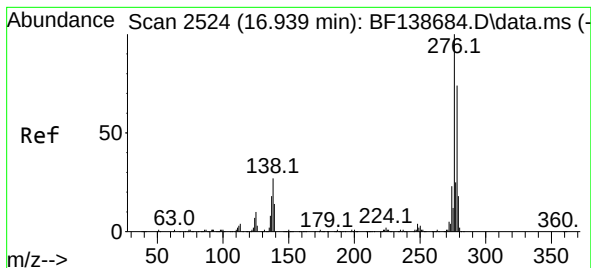
Tgt Ion:149 Resp: 282594
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.4 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:264 Resp: 85060
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.4 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.922 ng

RT: 16.933 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

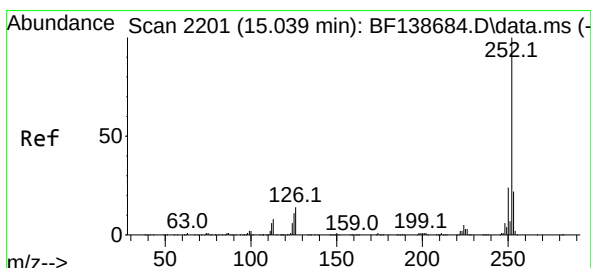
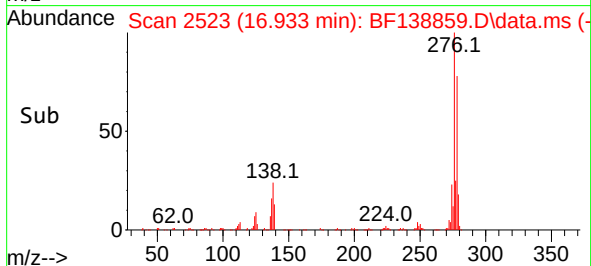
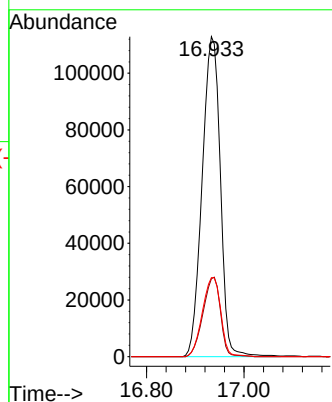
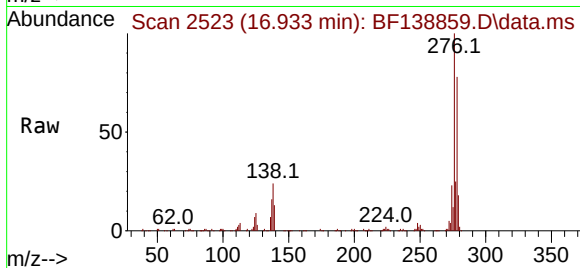
Tgt Ion:276 Resp: 292118

Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 53.764 ng

RT: 15.033 min Scan# 2200

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

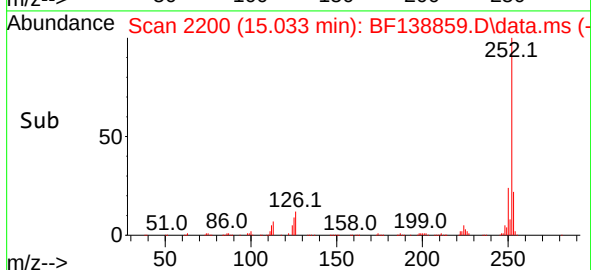
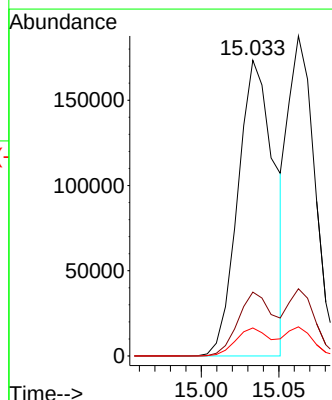
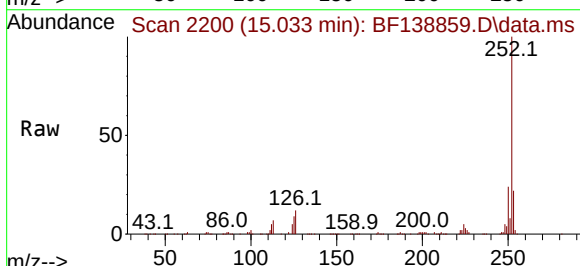
Tgt Ion:252 Resp: 283494

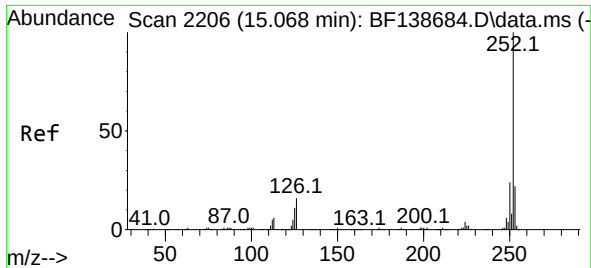
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.5 8.9 13.3

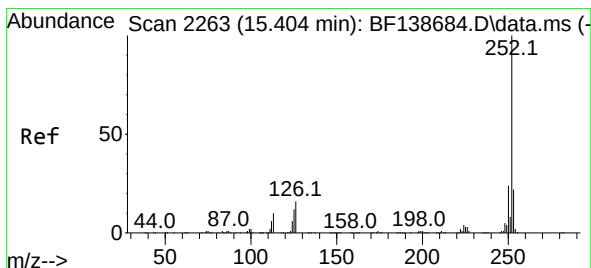
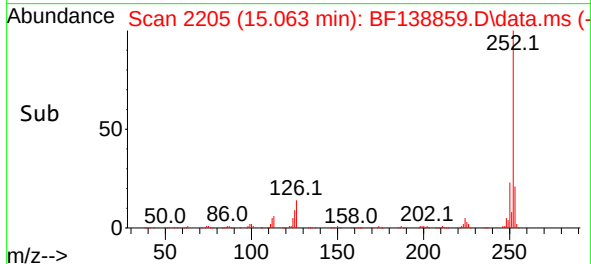
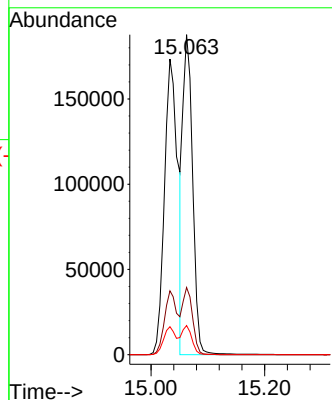
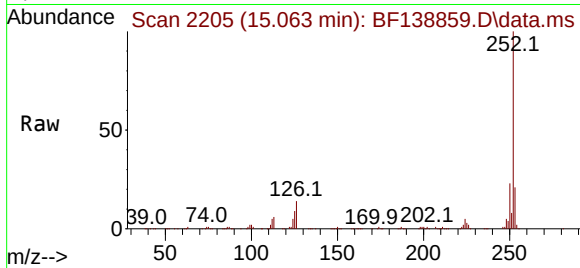




#89
Benzo(k)fluoranthene
Concen: 49.619 ng
RT: 15.063 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

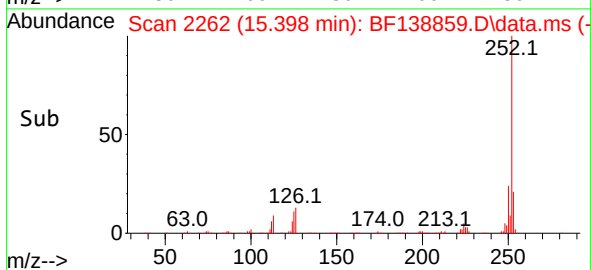
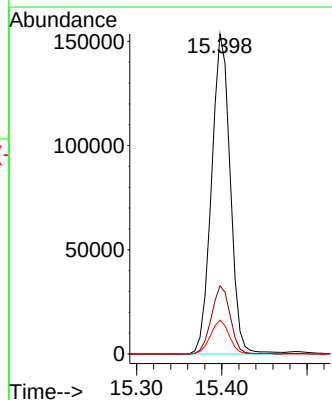
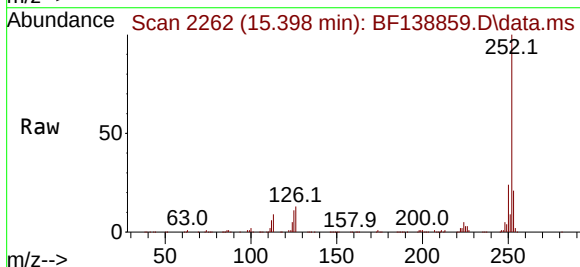
Instrument :
BNA_F
ClientSampleId :
PB162396BSD

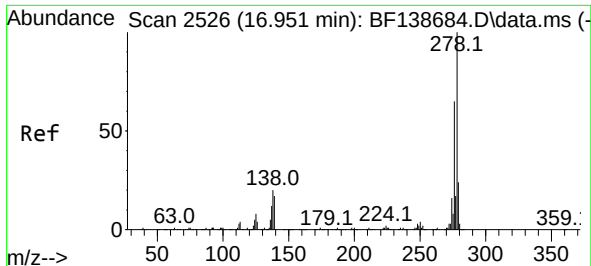
Tgt Ion:252 Resp: 226530
Ion Ratio Lower Upper
252 100
253 21.0 17.4 26.0
125 9.1 8.6 13.0



#90
Benzo(a)pyrene
Concen: 52.643 ng
RT: 15.398 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BF138859.D
Acq: 08 Aug 2024 11:50

Tgt Ion:252 Resp: 233487
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 10.6 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 47.340 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB162396BSD

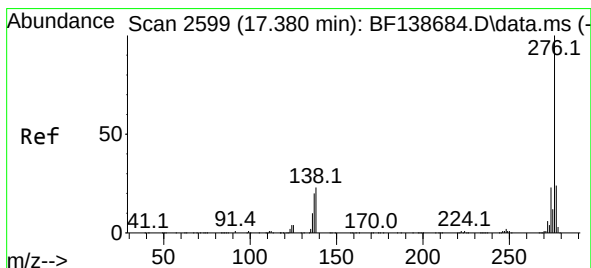
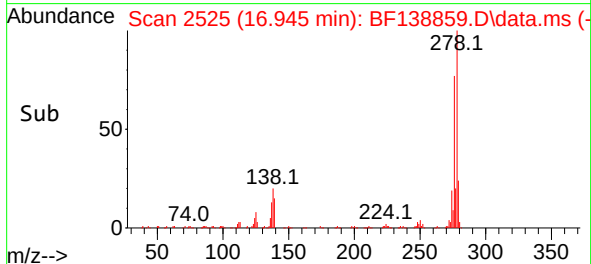
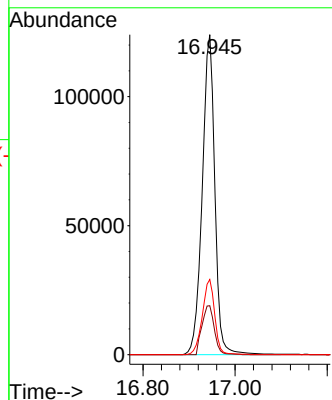
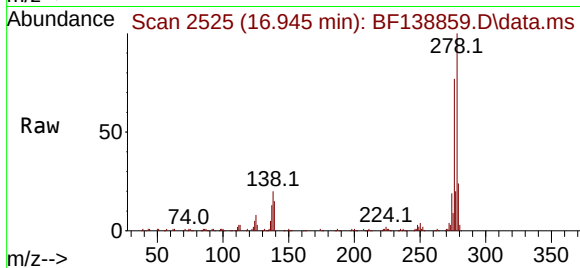
Tgt Ion:278 Resp: 236879

Ion Ratio Lower Upper

278 100

139 15.3 14.0 21.0

279 23.5 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 42.426 ng

RT: 17.374 min Scan# 2598

Delta R.T. -0.006 min

Lab File: BF138859.D

Acq: 08 Aug 2024 11:50

Tgt Ion:276 Resp: 220293

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 20.6 18.5 27.7

