

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138839.D
 Acq On : 07 Aug 2024 13:35
 Operator : RC/JU
 Sample : P3440-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MSD

Quant Time: Aug 07 14:07:15 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	6.839	152	41583	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	164057	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	83168	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	133927	20.000	ng	0.00
76) Chrysene-d12	14.004	240	71097	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	81109	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	179669	66.697	ng	0.00
7) Phenol-d6	6.481	99	145536	40.240	ng	0.00
23) Nitrobenzene-d5	7.410	82	330272	98.426	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	108297	158.966	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	586096	105.883	ng	0.00
79) Terphenyl-d14	12.945	244	478797	112.752	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.651	88	21424	18.166	ng	96
3) Pyridine	3.410	79	50841	17.796	ng	95
4) n-Nitrosodimethylamine	3.357	42	41264	24.251	ng	91
6) Aniline	6.504	93	105782	32.796	ng	99
8) 2-Chlorophenol	6.634	128	120158	42.396	ng	95
9) Benzaldehyde	6.398	77	6588	3.039	ng	94
10) Phenol	6.498	94	63769	16.746	ng	# 48
11) bis(2-Chloroethyl)ether	6.575	93	136015	46.416	ng	99
12) 1,3-Dichlorobenzene	6.781	146	127162	40.082	ng	99
13) 1,4-Dichlorobenzene	6.857	146	127547	39.838	ng	99
14) 1,2-Dichlorobenzene	7.010	146	121572	40.630	ng	98
15) Benzyl Alcohol	6.986	79	95542	36.652	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	222124	44.046	ng	70
17) 2-Methylphenol	7.104	107	81343	34.757	ng	# 85
18) Hexachloroethane	7.345	117	46085	38.239	ng	99
19) n-Nitroso-di-n-propyla...	7.257	70	113449	51.935	ng	98
20) 3+4-Methylphenols	7.257	107	96161	32.025	ng	# 85
22) Acetophenone	7.251	105	200572	49.932	ng	# 95
24) Nitrobenzene	7.428	77	167201	48.968	ng	99
25) Isophorone	7.663	82	299059	52.194	ng	99
26) 2-Nitrophenol	7.745	139	75969	51.714	ng	98
27) 2,4-Dimethylphenol	7.781	122	88642	50.432	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	176352	50.542	ng	99
29) 2,4-Dichlorophenol	7.986	162	114115	50.526	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	120501	46.232	ng	99
31) Naphthalene	8.145	128	415362	48.100	ng	99
32) Benzoic acid	7.898	122	14814	10.722	ng	87
33) 4-Chloroaniline	8.198	127	95409	32.914	ng	98
34) Hexachlorobutadiene	8.257	225	69903	44.279	ng	96
35) Caprolactam	8.580	113	6252	9.277	ng	# 86
36) 4-Chloro-3-methylphenol	8.680	107	122117	47.310	ng	98
37) 2-Methylnaphthalene	8.833	142	277705	50.920	ng	100
38) 1-Methylnaphthalene	8.933	142	257582	48.199	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	118962	51.492	ng	99
41) Hexachlorocyclopentadiene	8.980	237	76148	120.649	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	77726	55.179	ng	98

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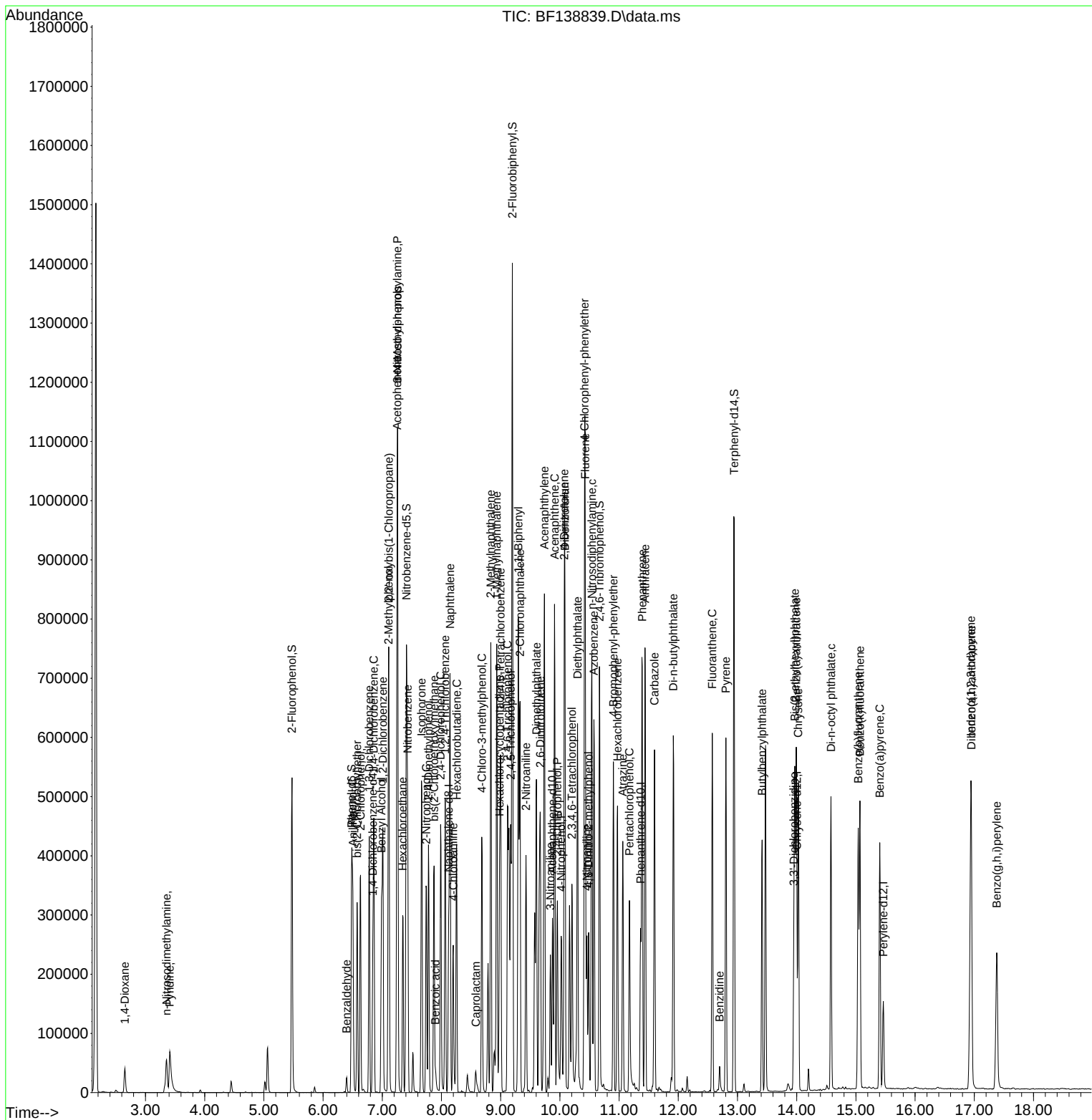
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	81323	52.810	ng	99
46) 1,1'-Biphenyl	9.298	154	333978	51.274	ng	99
47) 2-Chloronaphthalene	9.327	162	260047	53.680	ng	99
48) 2-Nitroaniline	9.427	65	91938	55.981	ng	99
49) Acenaphthylene	9.739	152	413163	60.134	ng	100
50) Dimethylphthalate	9.604	163	313585	58.968	ng	100
51) 2,6-Dinitrotoluene	9.669	165	67384	56.147	ng	91
52) Acenaphthene	9.910	154	251158	54.379	ng	100
53) 3-Nitroaniline	9.839	138	42552	34.297	ng	98
54) 2,4-Dinitrophenol	9.957	184	55578	100.600	ng	92
55) Dibenzofuran	10.086	168	374566	57.451	ng	99
56) 4-Nitrophenol	10.022	139	17830	23.898	ng	# 82
57) 2,4-Dinitrotoluene	10.075	165	89249	58.287	ng	# 90
58) Fluorene	10.427	166	294609	56.744	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	63893	54.271	ng	97
60) Diethylphthalate	10.298	149	303474	60.186	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	146272	57.284	ng	97
62) 4-Nitroaniline	10.457	138	56412	47.846	ng	89
63) Azobenzene	10.574	77	311041	55.619	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	45598	55.807	ng	99
66) n-Nitrosodiphenylamine	10.539	169	245705	58.693	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	81341	56.097	ng	97
68) Hexachlorobenzene	10.974	284	84189	56.233	ng	97
69) Atrazine	11.063	200	68467	63.392	ng	98
70) Pentachlorophenol	11.174	266	58805	87.141	ng	99
71) Phenanthrene	11.392	178	393591	57.074	ng	99
72) Anthracene	11.439	178	400214	58.910	ng	100
73) Carbazole	11.598	167	314185	53.604	ng	99
74) Di-n-butylphthalate	11.916	149	407424	61.834	ng	99
75) Fluoranthene	12.574	202	335130	52.055	ng	99
77) Benzidine	12.698	184	23256	13.676	ng	99
78) Pyrene	12.804	202	331815	49.569	ng	100
80) Butylbenzylphthalate	13.415	149	129121	60.235	ng	96
81) Benzo(a)anthracene	13.992	228	267693	54.677	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	57431	45.839	ng	99
83) Chrysene	14.027	228	245446	55.568	ng	98
84) Bis(2-ethylhexyl)phtha...	13.968	149	176230	56.143	ng	98
85) Di-n-octyl phthalate	14.580	149	302129	52.023	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	286143	49.228	ng	96
88) Benzo(b)fluoranthene	15.039	252	259400	51.591	ng	98
89) Benzo(k)fluoranthene	15.068	252	263997	60.643	ng	99
90) Benzo(a)pyrene	15.404	252	248185	58.683	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	228803	47.953	ng	98
92) Benzo(g,h,i)perylene	17.380	276	210118	42.437	ng	96

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

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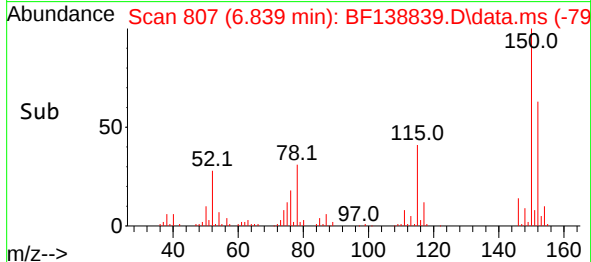
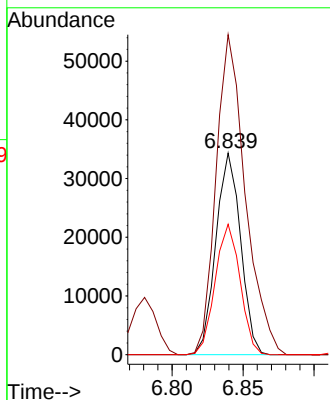
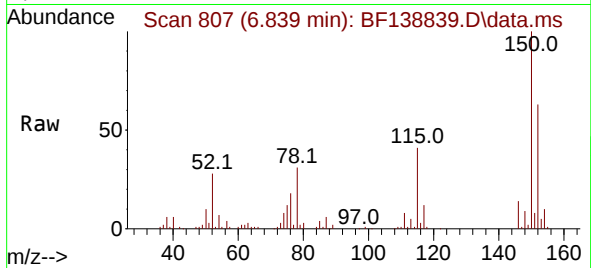




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138839.D
 Acq: 07 Aug 2024 13:35

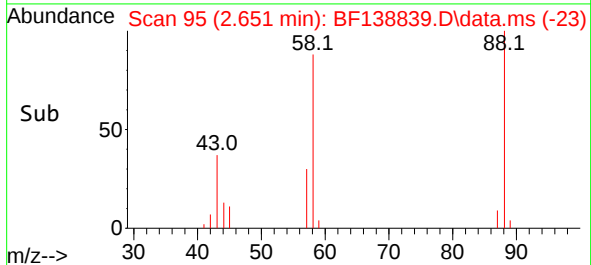
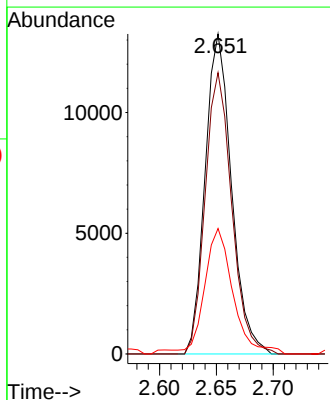
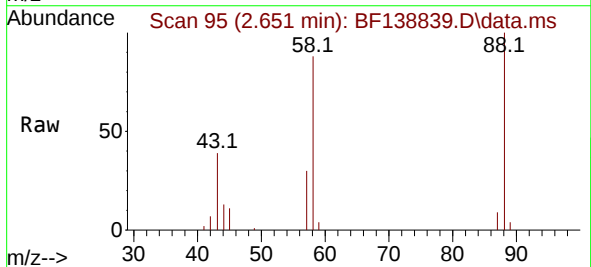
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 ClientSampleId :
 923-K1-WS-080124MSD

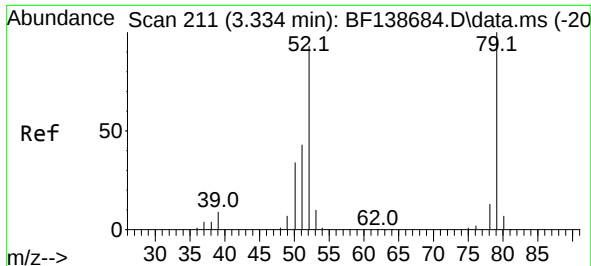
Tgt Ion:152 Resp: 41583
 Ion Ratio Lower Upper
 152 100
 150 158.7 126.0 189.0
 115 64.7 51.7 77.5



#2
 1,4-Dioxane
 Concen: 18.166 ng
 RT: 2.651 min Scan# 95
 Delta R.T. 0.076 min
 Lab File: BF138839.D
 Acq: 07 Aug 2024 13:35

Tgt Ion: 88 Resp: 21424
 Ion Ratio Lower Upper
 88 100
 58 88.4 71.6 107.4
 43 42.9 28.7 43.1





#3

Pyridine

Concen: 17.796 ng

RT: 3.410 min Scan# 211

Delta R.T. 0.076 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

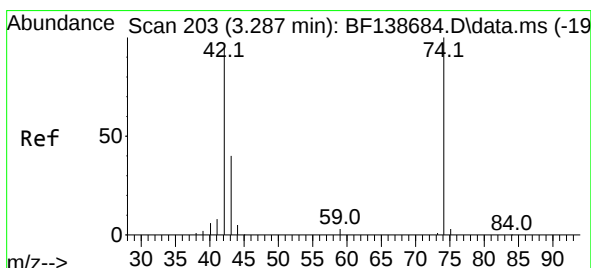
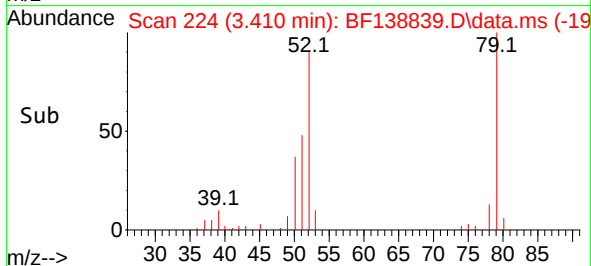
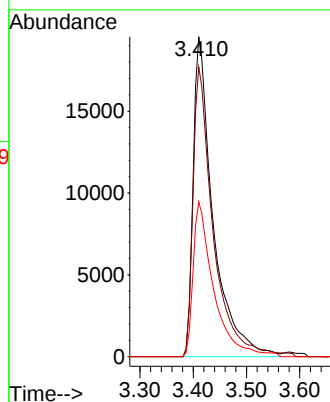
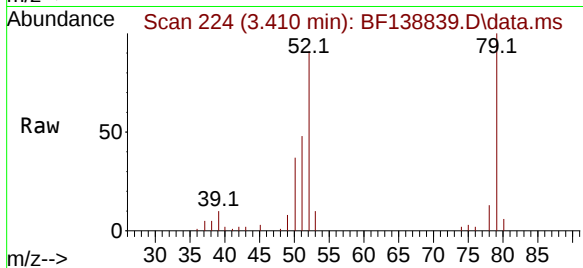
Tgt Ion: 79 Resp: 50841

Ion Ratio Lower Upper

79 100

52 90.5 74.7 112.1

51 48.4 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 24.251 ng

RT: 3.357 min Scan# 215

Delta R.T. 0.070 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

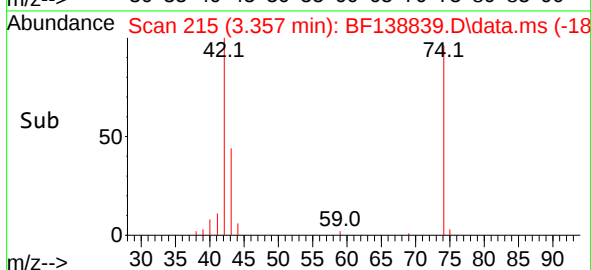
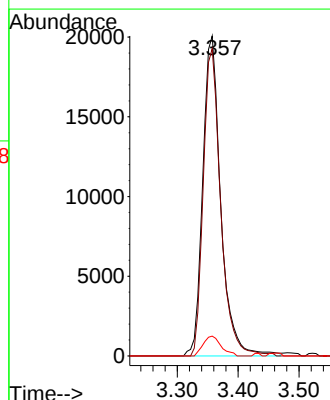
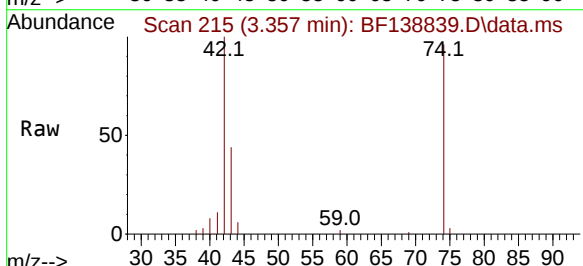
Tgt Ion: 42 Resp: 41264

Ion Ratio Lower Upper

42 100

74 96.0 84.2 126.4

44 6.2 4.9 7.3

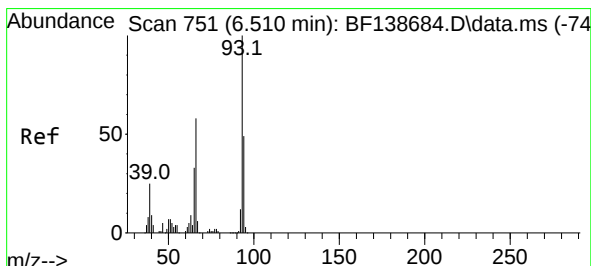
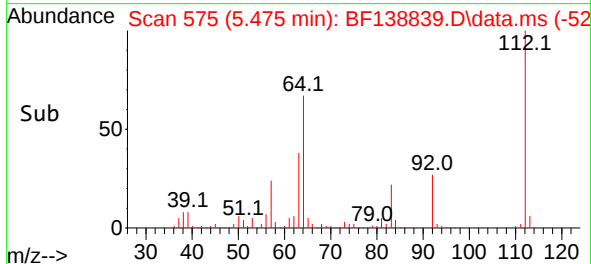
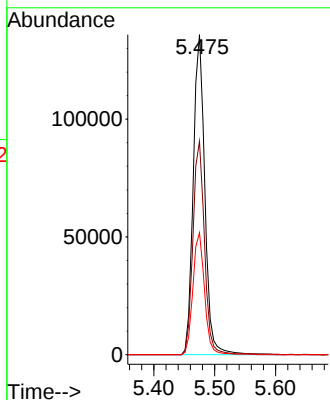
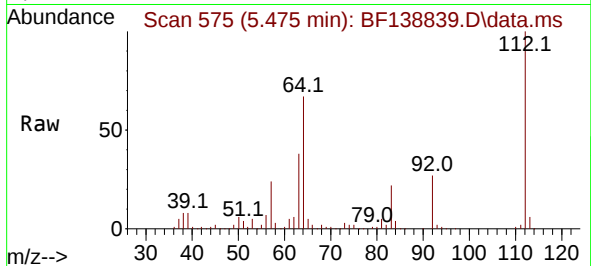




#5
2-Fluorophenol
Concen: 66.697 ng
RT: 5.475 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

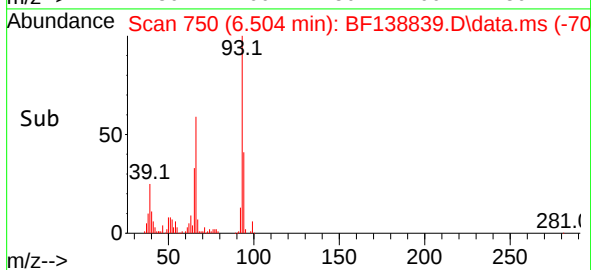
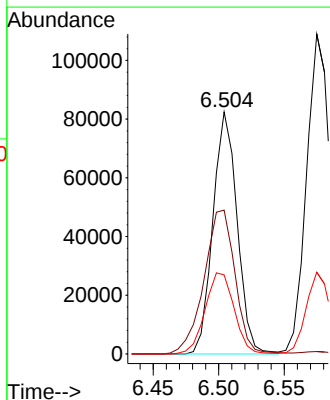
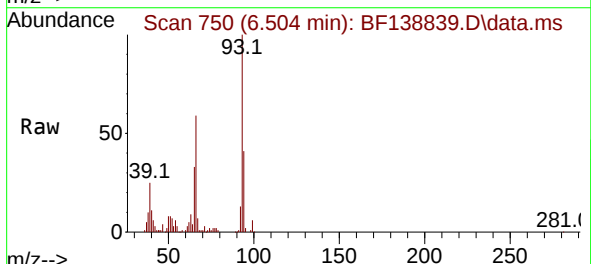
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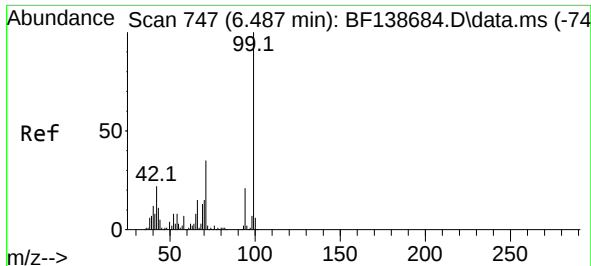
Tgt Ion:112 Resp: 179669
Ion Ratio Lower Upper
112 100
64 66.7 54.2 81.4
63 38.1 28.7 43.1



#6
Aniline
Concen: 32.796 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion: 93 Resp: 105782
Ion Ratio Lower Upper
93 100
66 59.4 46.9 70.3
65 32.7 26.5 39.7





#7

Phenol-d6

Concen: 40.240 ng

RT: 6.481 min Scan# 747

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

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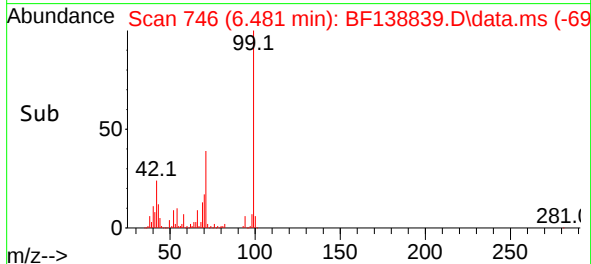
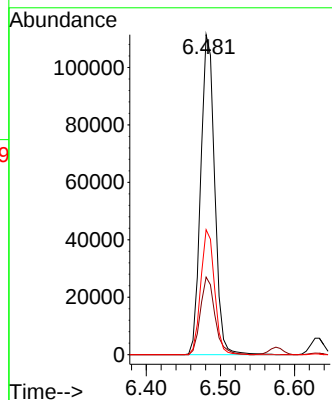
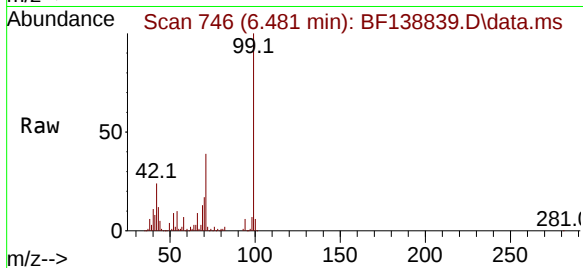
Tgt Ion: 99 Resp: 145536

Ion Ratio Lower Upper

99 100

42 24.3 17.4 26.0

71 39.1 28.1 42.1



#8

2-Chlorophenol

Concen: 42.396 ng

RT: 6.634 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

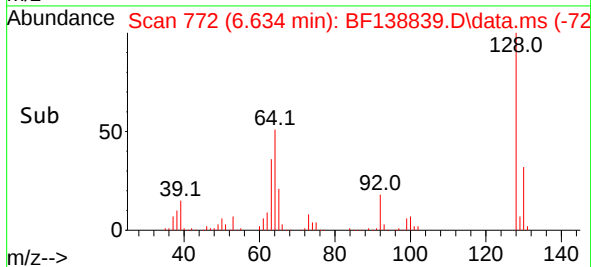
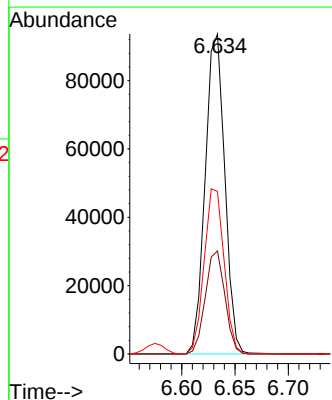
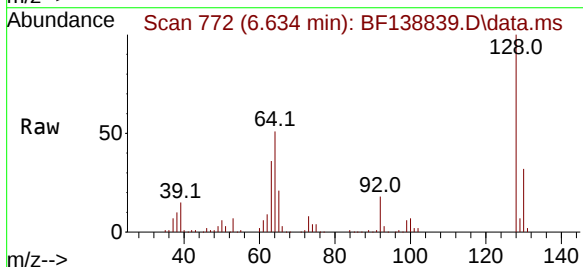
Tgt Ion:128 Resp: 120158

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

64 50.8 36.3 76.3





#9

Benzaldehyde

Concen: 3.039 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

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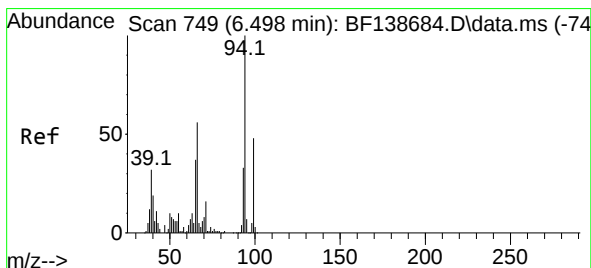
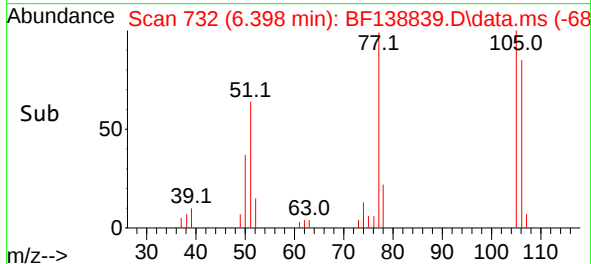
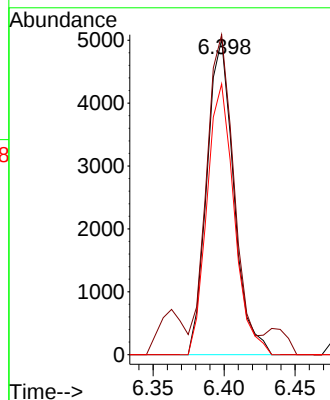
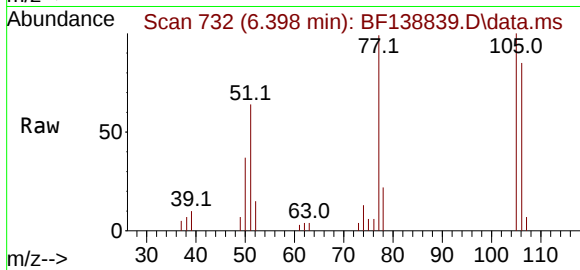
Tgt Ion: 77 Resp: 6588

Ion Ratio Lower Upper

77 100

105 101.4 72.9 112.9

106 85.8 68.4 108.4



#10

Phenol

Concen: 16.746 ng

RT: 6.498 min Scan# 749

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

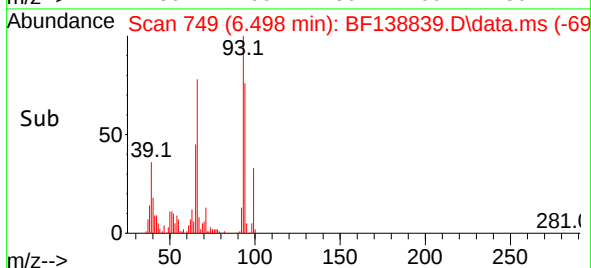
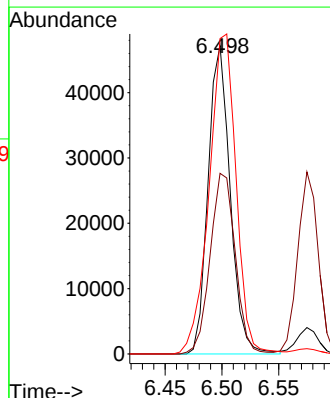
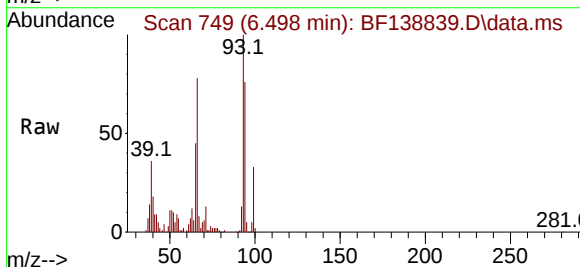
Tgt Ion: 94 Resp: 63769

Ion Ratio Lower Upper

94 100

65 58.6 16.9 56.9#

66 102.2 36.5 76.5#

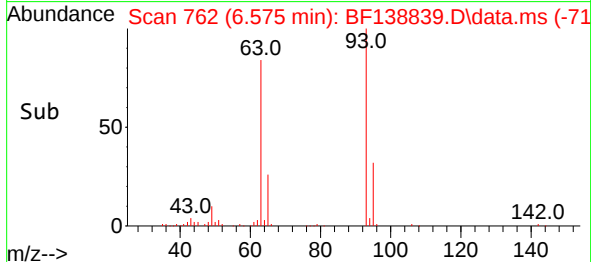
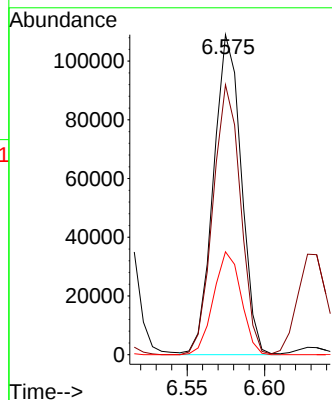
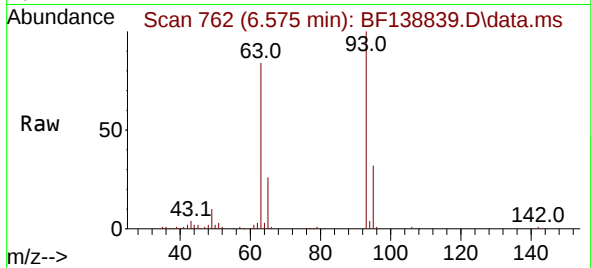




#11
bis(2-Chloroethyl)ether
Concen: 46.416 ng
RT: 6.575 min Scan# 701
Delta R.T. -0.012 min
Lab File: BF138839.D
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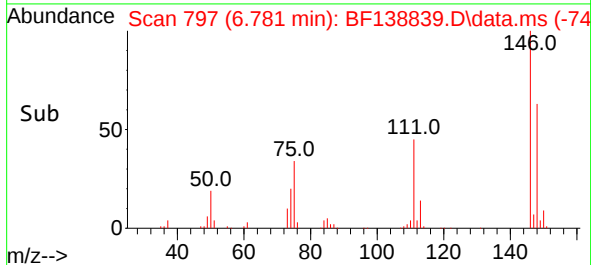
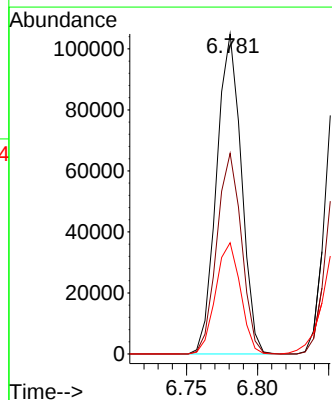
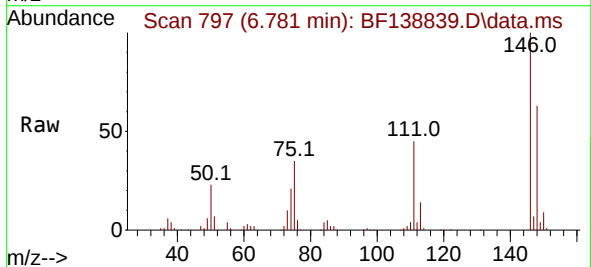
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion: 93 Resp: 136015
Ion Ratio Lower Upper
93 100
63 84.3 65.3 105.3
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.082 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:146 Resp: 127162
Ion Ratio Lower Upper
146 100
148 62.7 51.2 76.8
75 34.8 27.4 41.2

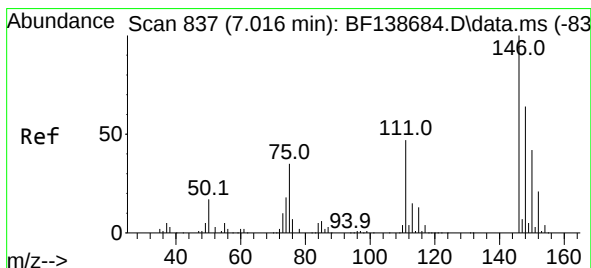
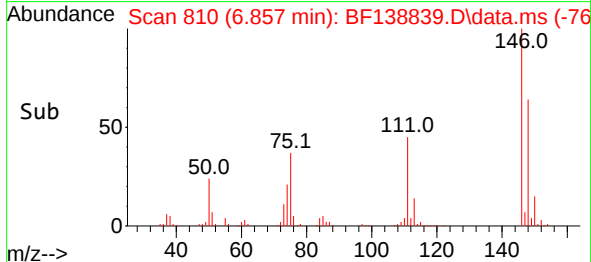
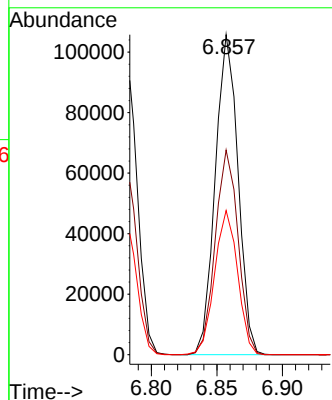
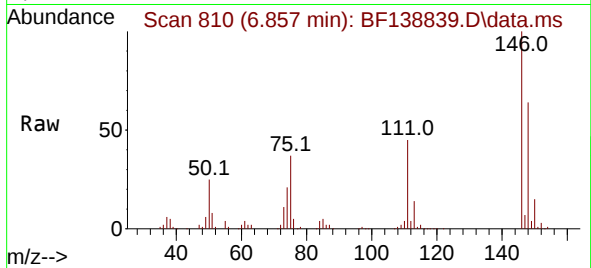




#13
1,4-Dichlorobenzene
Concen: 39.838 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

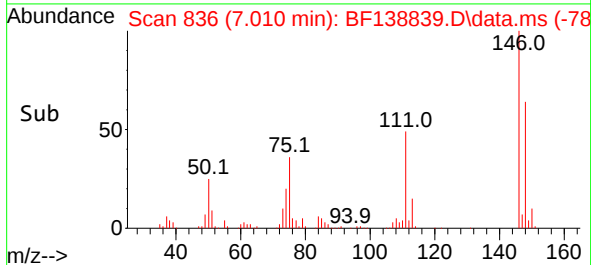
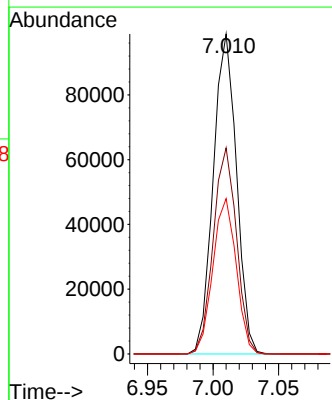
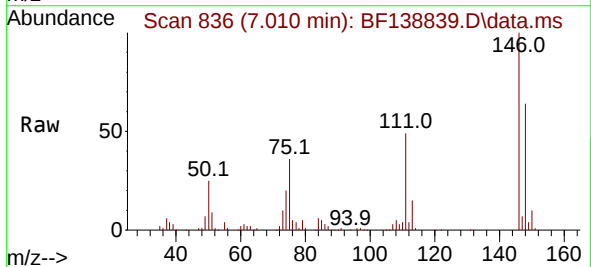
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

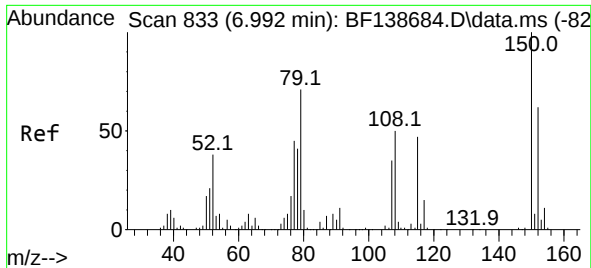
Tgt Ion:146 Resp: 127547
Ion Ratio Lower Upper
146 100
148 63.9 50.2 75.2
111 45.1 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 40.630 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:146 Resp: 121572
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 48.6 37.4 56.2

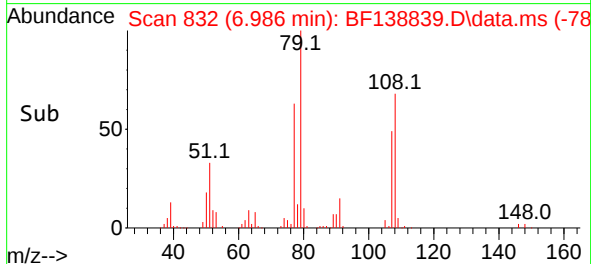
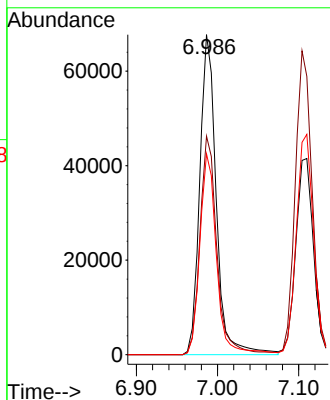
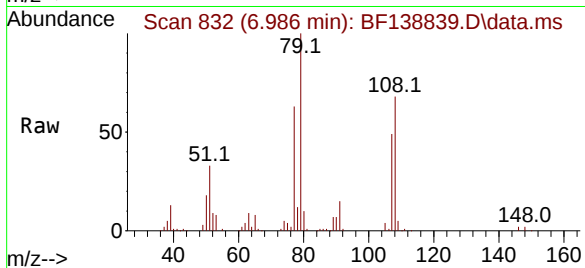




#15
Benzyl Alcohol
Concen: 36.652 ng
RT: 6.986 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

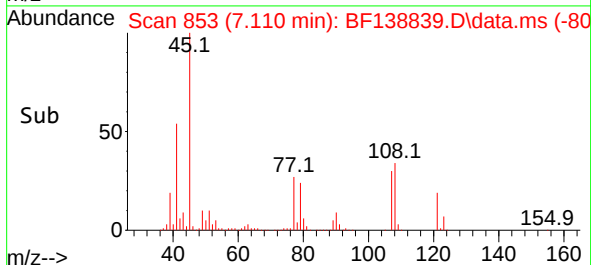
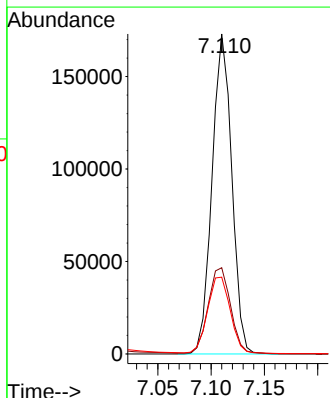
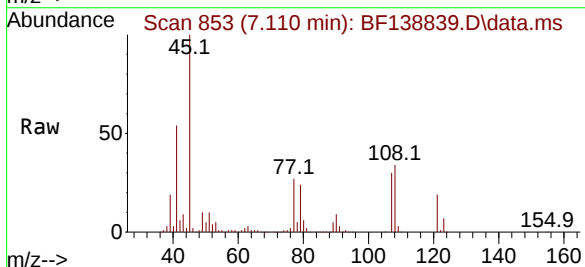
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion: 79 Resp: 95542
Ion Ratio Lower Upper
79 100
108 68.3 56.6 85.0
77 62.8 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.046 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion: 45 Resp: 222124
Ion Ratio Lower Upper
45 100
77 27.0 0.0 34.9
79 24.0 0.0 32.2

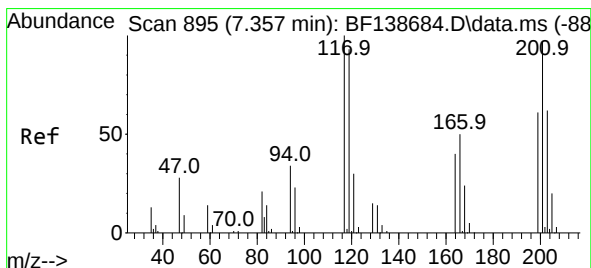
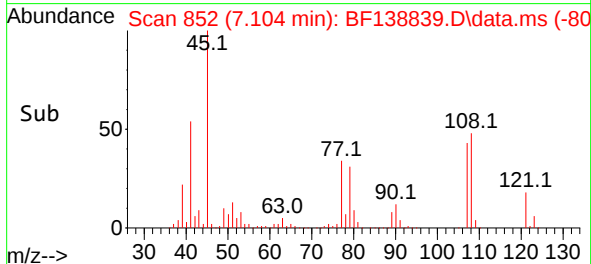
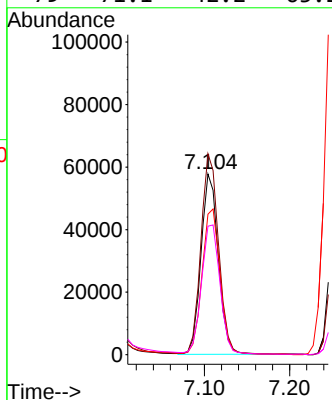
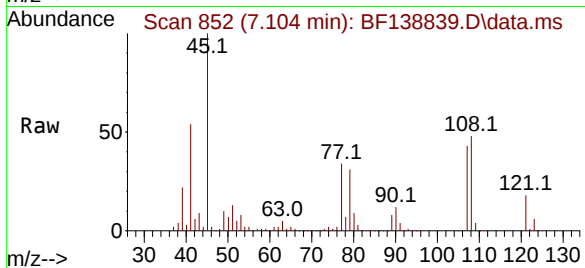




#17
2-Methylphenol
Concen: 34.757 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

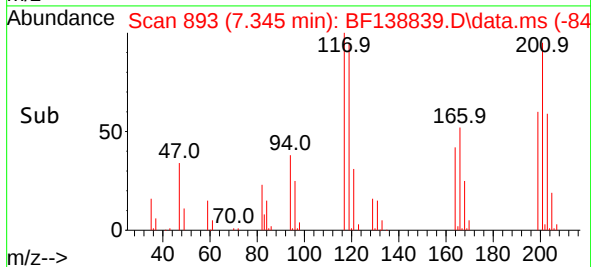
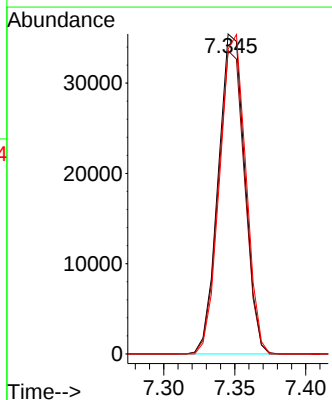
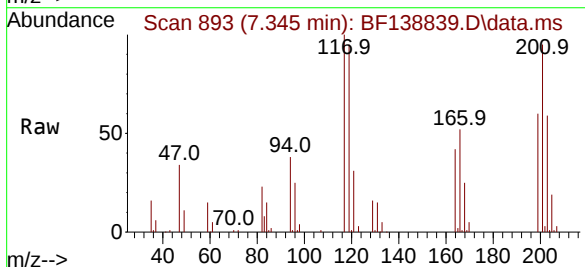
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:107 Resp: 81343
Ion Ratio Lower Upper
107 100
108 111.2 89.2 133.8
77 77.8 43.0 64.4#
79 71.1 42.2 63.2#



#18
Hexachloroethane
Concen: 38.239 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:117 Resp: 46085
Ion Ratio Lower Upper
117 100
119 94.8 74.6 111.8
201 95.3 77.2 115.8

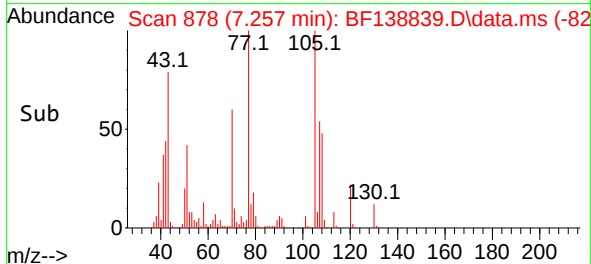
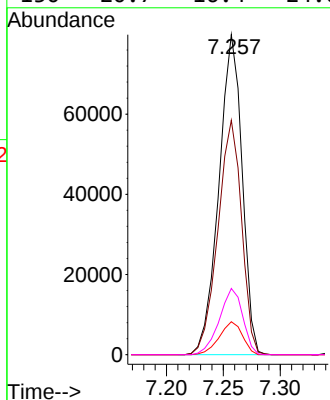
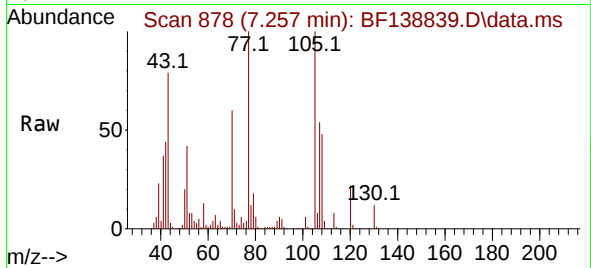




#19
n-Nitroso-di-n-propylamine
Concen: 51.935 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

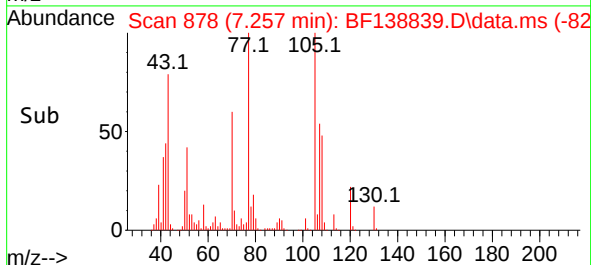
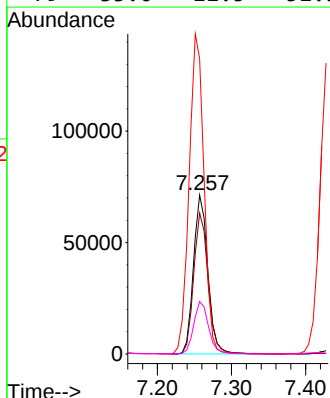
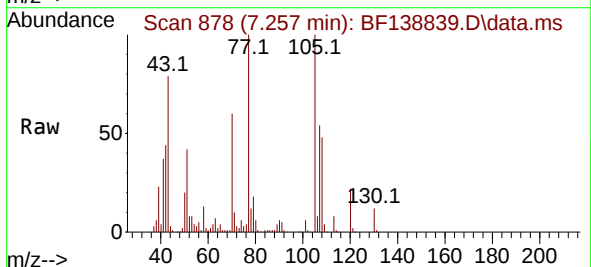
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

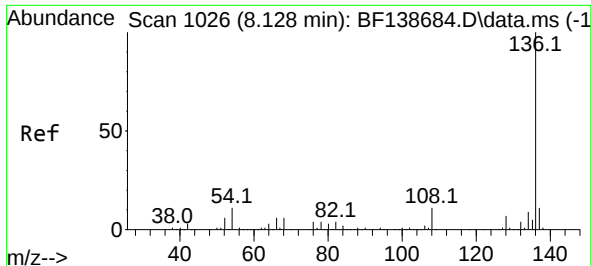
Tgt Ion:	70	Resp:	113449
Ion	Ratio	Lower	Upper
70	100		
42	73.2	57.4	86.0
101	10.3	7.5	11.3
130	20.7	16.4	24.6



#20
3+4-Methylphenols
Concen: 32.025 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:	107	Resp:	96161
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	185.7	132.1	172.1#
79	33.0	11.5	51.5

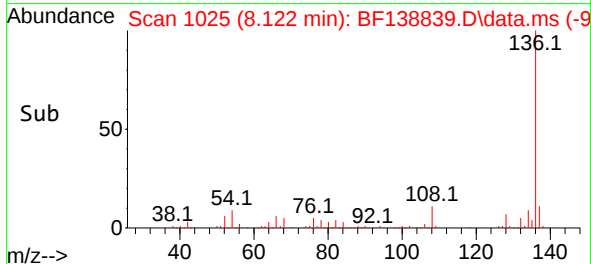
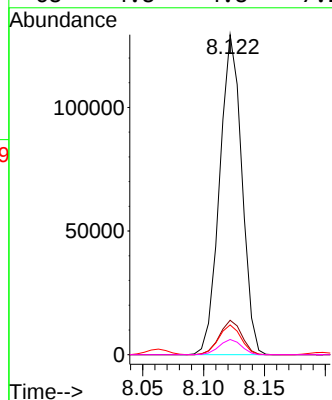
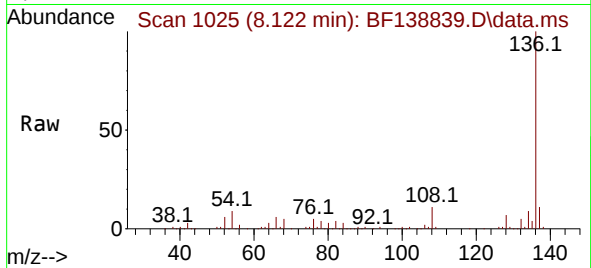




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

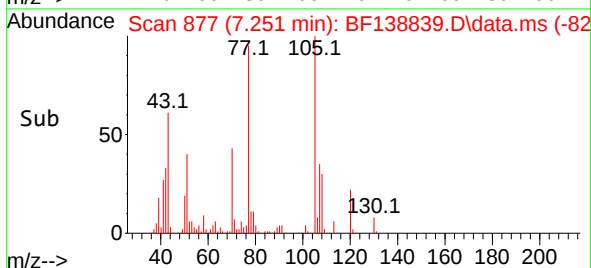
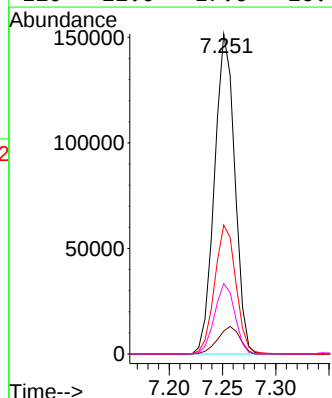
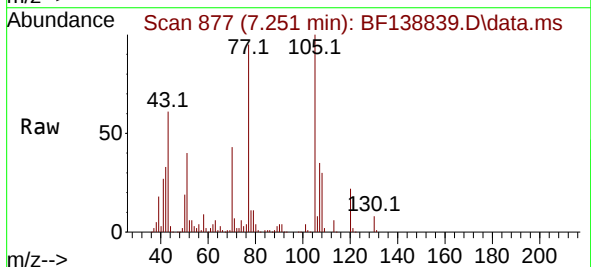
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:136	Resp: 164057
Ion Ratio	Lower Upper
136 100	
137 10.7	8.9 13.3
54 9.3	8.6 12.8
68 4.8	4.8 7.2#



#22
Acetophenone
Concen: 49.932 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt	Ion:105	Resp:	200572
Ion	Ratio	Lower	Upper
105	100		
71	7.2	7.2	10.8#
51	40.3	35.9	53.9
120	22.0	17.6	26.4





#23

Nitrobenzene-d5

Concen: 98.426 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

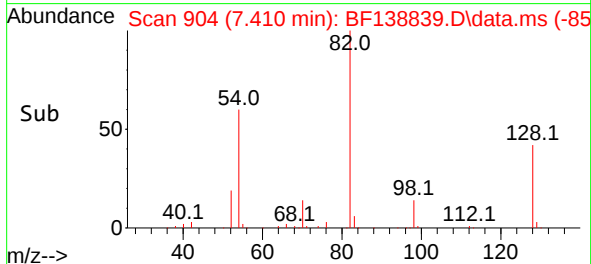
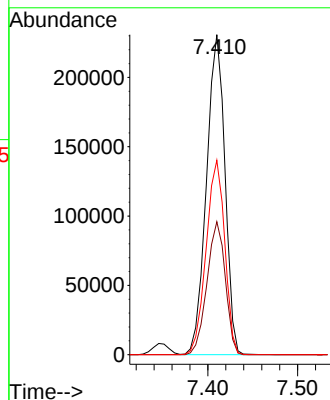
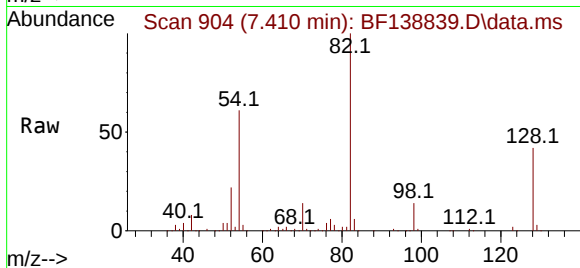
Tgt Ion: 82 Resp: 330272

Ion Ratio Lower Upper

82 100

128 41.6 32.8 49.2

54 60.7 48.3 72.5



#24

Nitrobenzene

Concen: 48.968 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

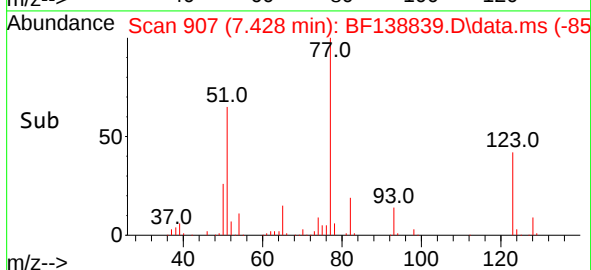
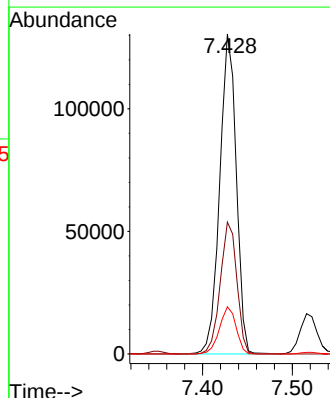
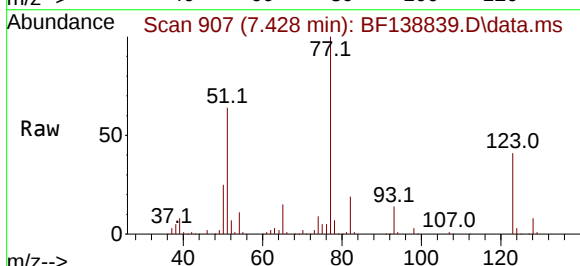
Tgt Ion: 77 Resp: 167201

Ion Ratio Lower Upper

77 100

123 41.2 33.3 49.9

65 14.8 11.9 17.9

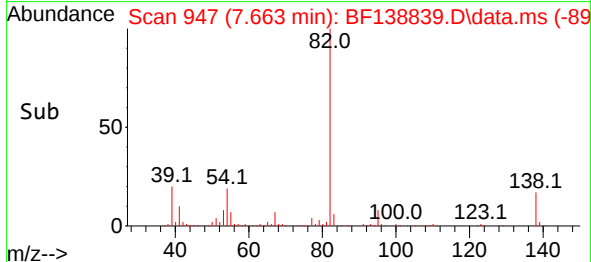
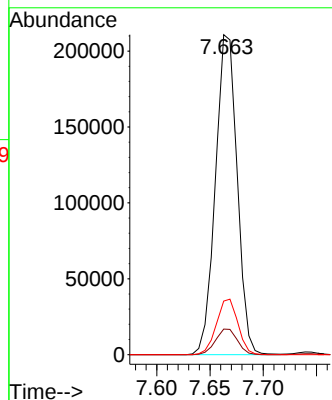
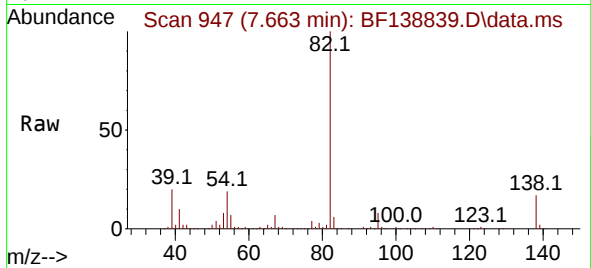




#25
Isophorone
Concen: 52.194 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

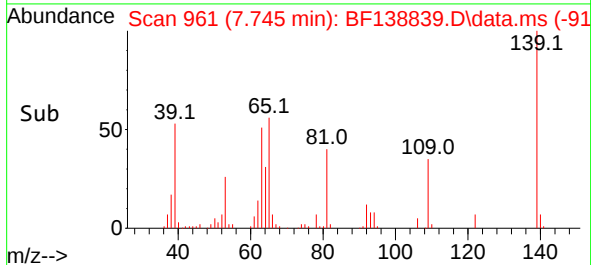
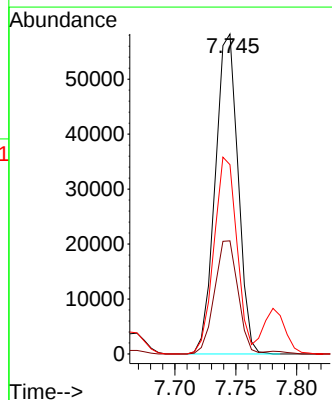
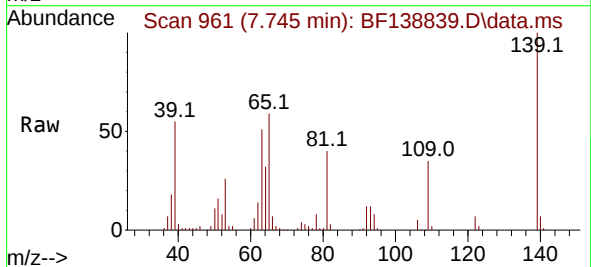
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

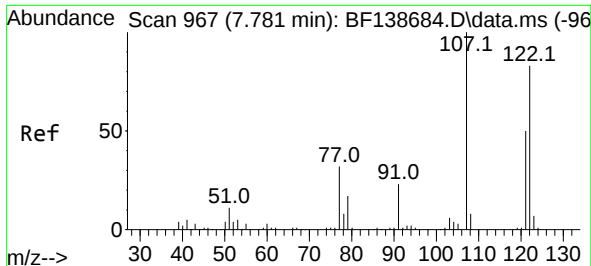
Tgt Ion: 82 Resp: 299059
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.7 13.7 20.5



#26
2-Nitrophenol
Concen: 51.714 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:139 Resp: 75969
Ion Ratio Lower Upper
139 100
109 35.4 25.9 38.9
65 59.2 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 50.432 ng

RT: 7.781 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

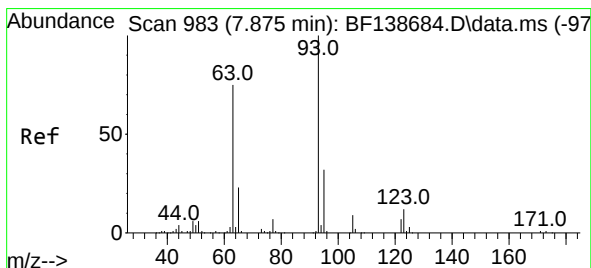
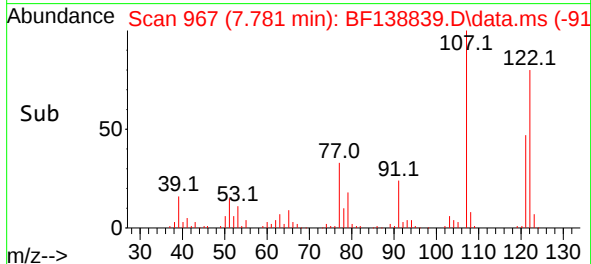
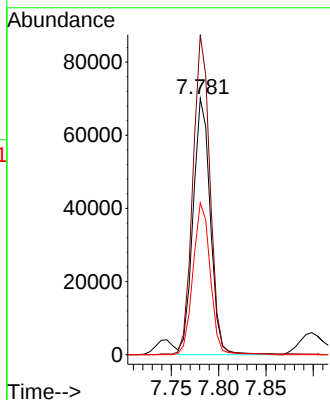
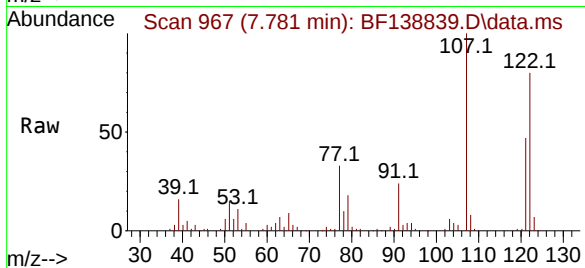
Tgt Ion:122 Resp: 88642

Ion Ratio Lower Upper

122 100

107 124.9 95.0 142.6

121 59.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 50.542 ng

RT: 7.875 min Scan# 983

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

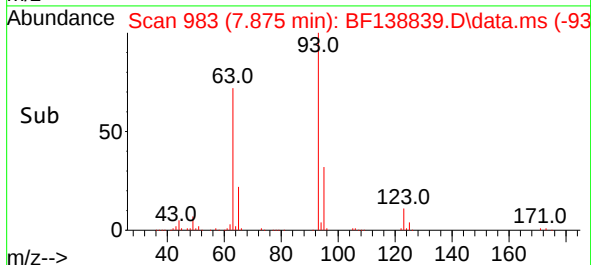
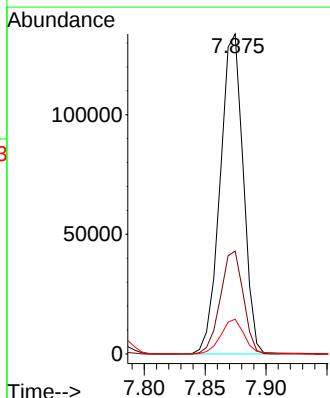
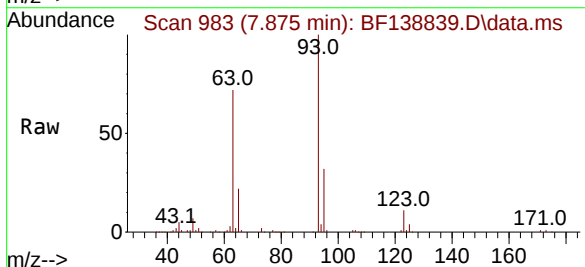
Tgt Ion: 93 Resp: 176352

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.8

123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 50.526 ng

RT: 7.986 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

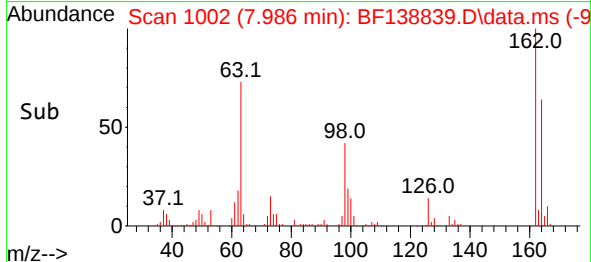
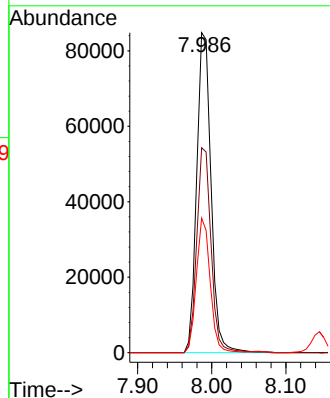
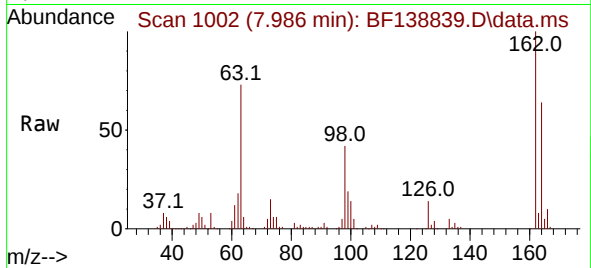
Tgt Ion:162 Resp: 114115

Ion Ratio Lower Upper

162 100

164 64.0 44.7 84.7

98 42.0 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 46.232 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

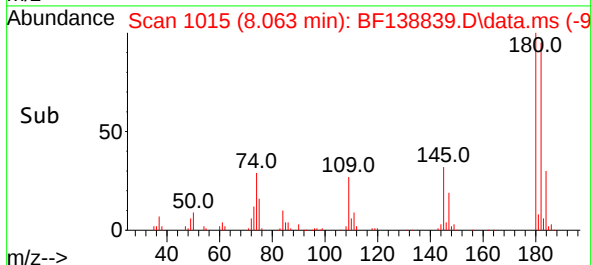
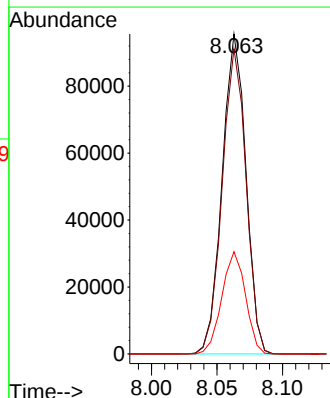
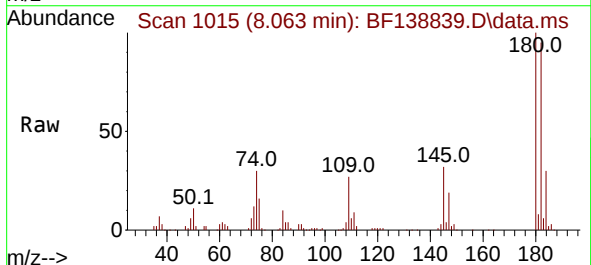
Tgt Ion:180 Resp: 120501

Ion Ratio Lower Upper

180 100

182 95.4 76.9 115.3

145 31.9 25.0 37.4

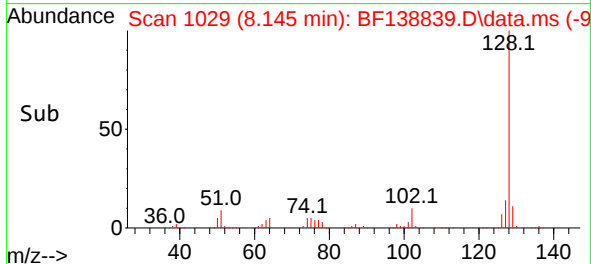
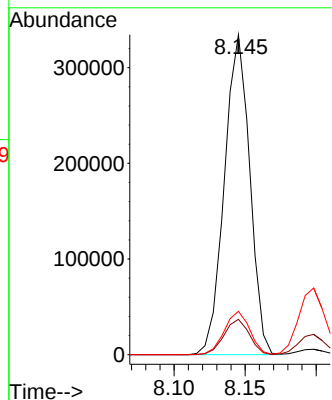
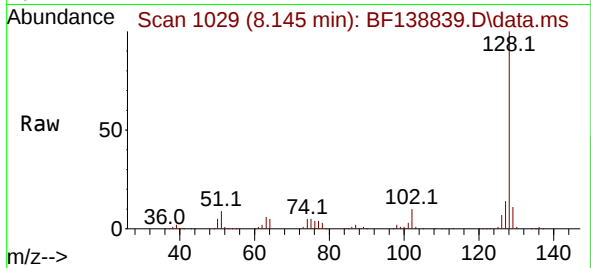




#31
Naphthalene
Concen: 48.100 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

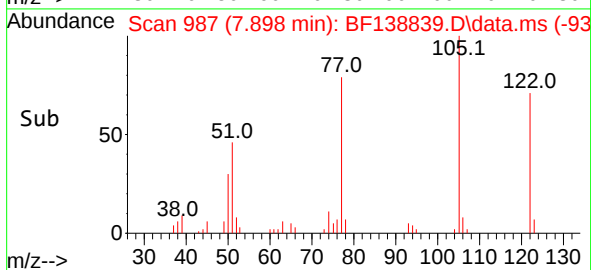
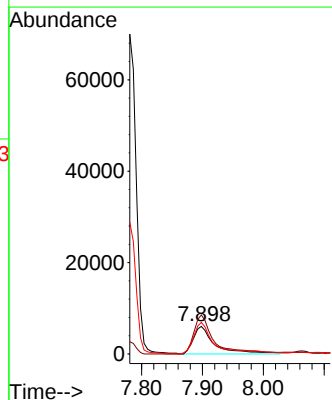
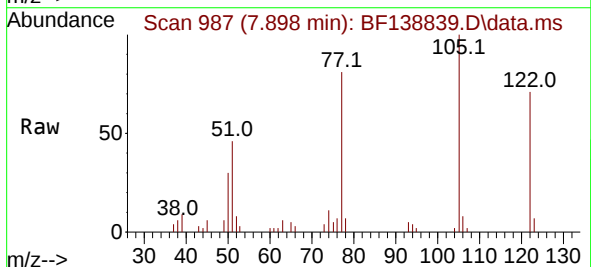
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:128 Resp: 415362
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 10.722 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:122 Resp: 14814
Ion Ratio Lower Upper
122 100
105 141.4 106.7 146.7
77 114.3 81.1 121.1





#33

4-Chloroaniline

Concen: 32.914 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

Tgt Ion:127 Resp: 95409

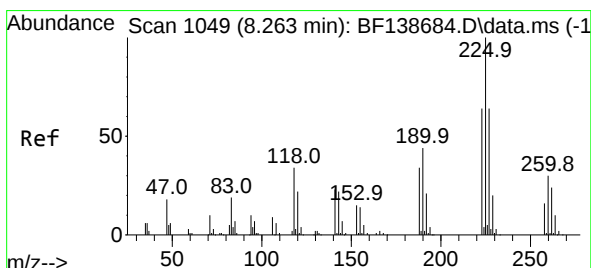
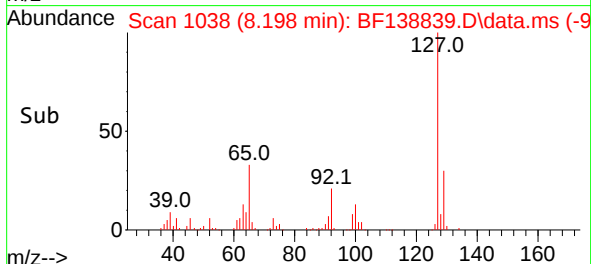
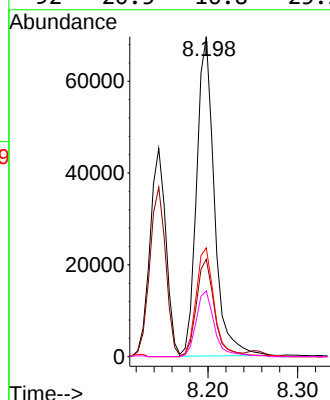
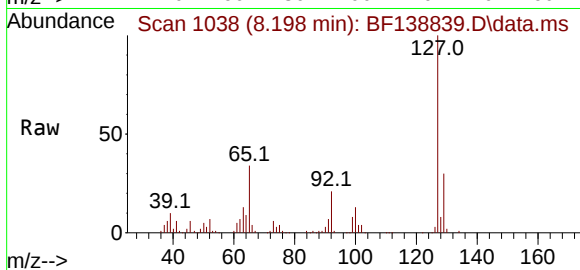
Ion Ratio Lower Upper

127 100

129 30.5 25.9 38.9

65 34.0 27.6 41.4

92 20.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 44.279 ng

RT: 8.257 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

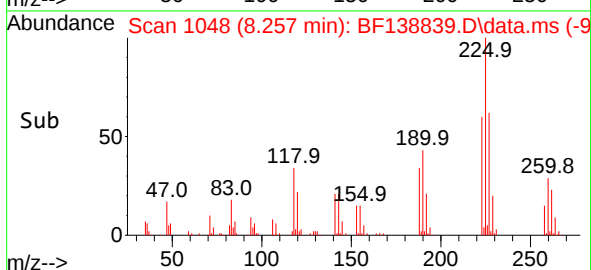
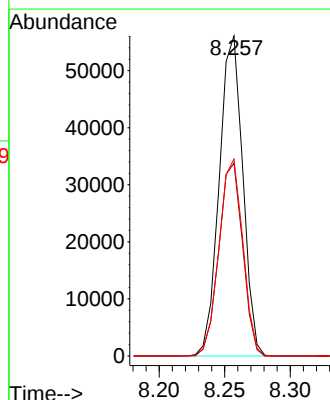
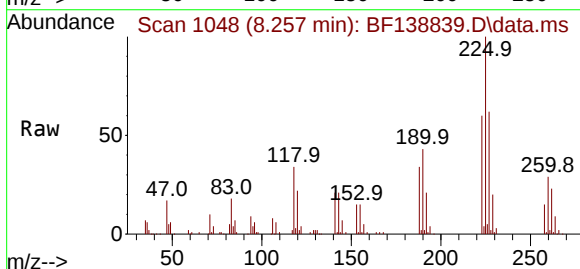
Tgt Ion:225 Resp: 69903

Ion Ratio Lower Upper

225 100

223 60.2 51.2 76.8

227 61.5 51.1 76.7

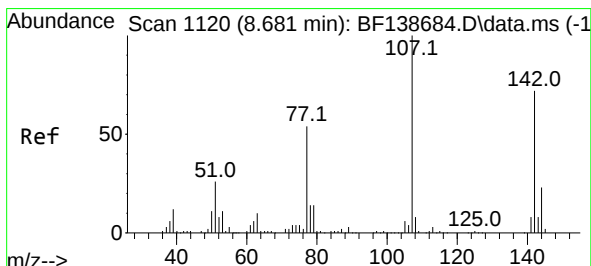
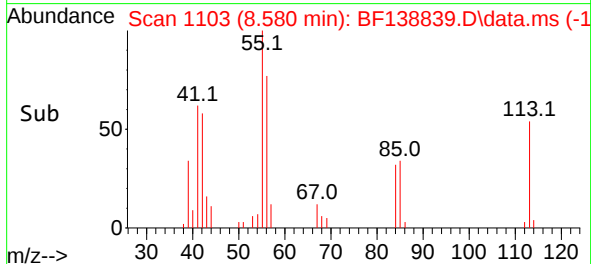
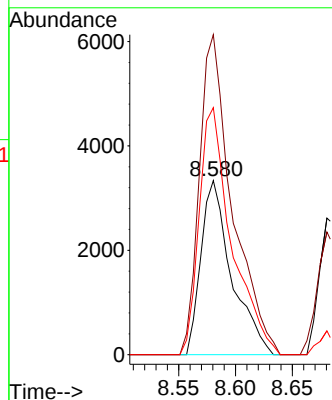
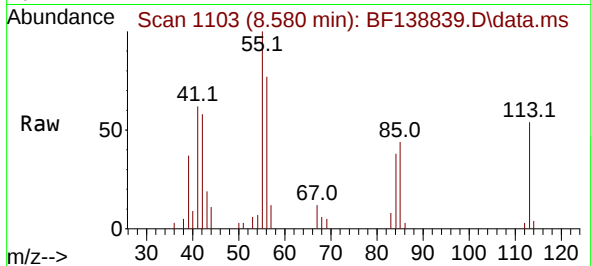




#35
 Caprolactam
 Concen: 9.277 ng
 RT: 8.580 min Scan# 1101
 Delta R.T. 0.012 min
 Lab File: BF138839.D
 Acq: 07 Aug 2024 13:35

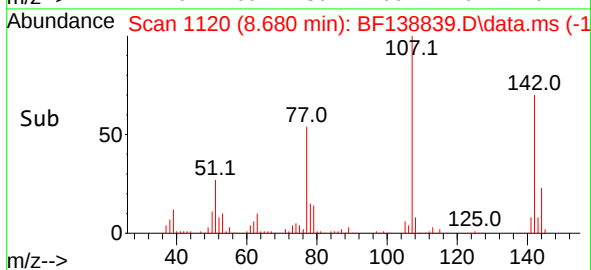
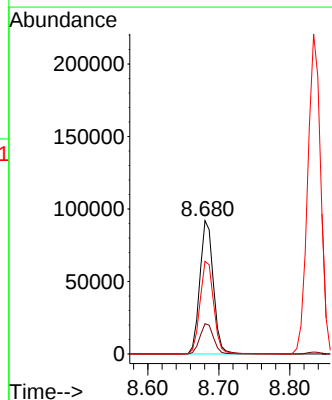
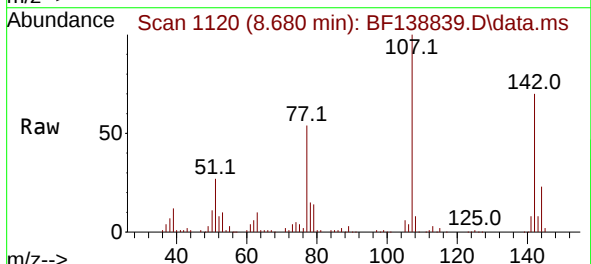
Instrument :
 BNA_F
 ClientSampleId :
 923-K1-WS-080124MSD

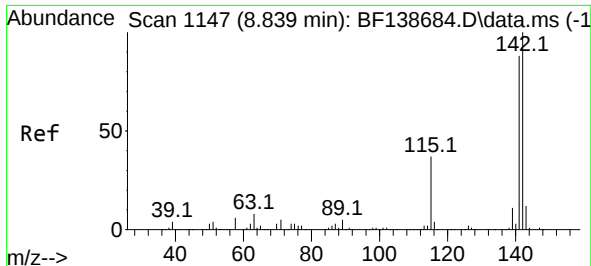
Tgt Ion:113 Resp: 6252
 Ion Ratio Lower Upper
 113 100
 55 183.9 186.7 226.7#
 56 141.9 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 47.310 ng
 RT: 8.680 min Scan# 1120
 Delta R.T. -0.000 min
 Lab File: BF138839.D
 Acq: 07 Aug 2024 13:35

Tgt Ion:107 Resp: 122117
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.2 27.2
 142 69.5 57.4 86.2





#37

2-Methylnaphthalene

Concen: 50.920 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

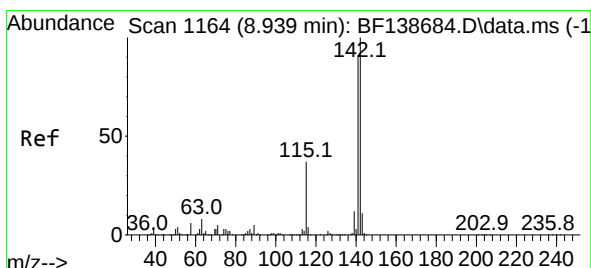
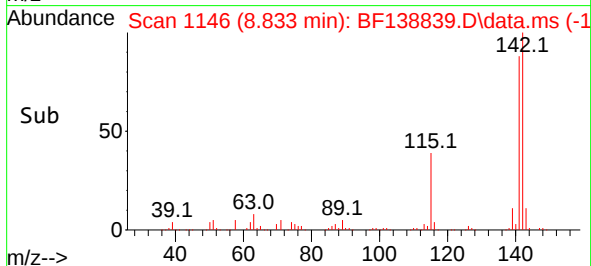
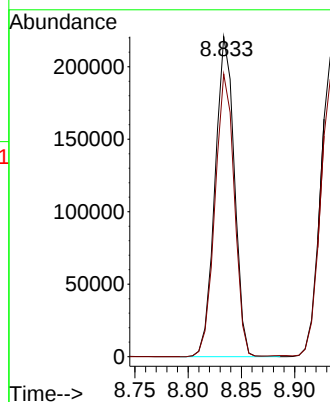
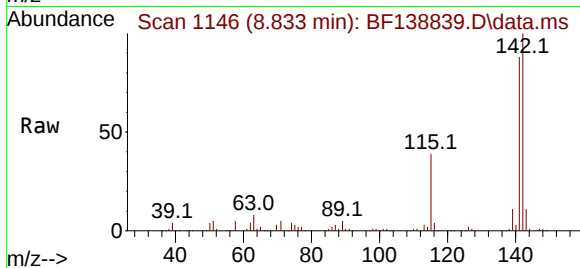
923-K1-WS-080124MSD

Tgt Ion:142 Resp: 277705

Ion Ratio Lower Upper

142 100

141 88.3 70.8 106.2



#38

1-Methylnaphthalene

Concen: 48.199 ng

RT: 8.933 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138839.D

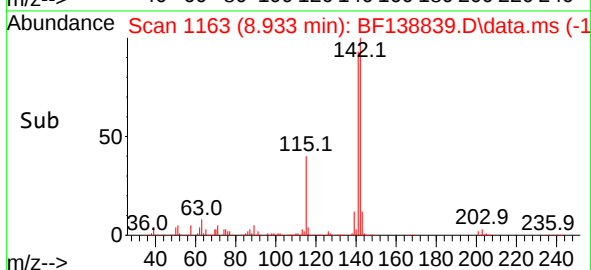
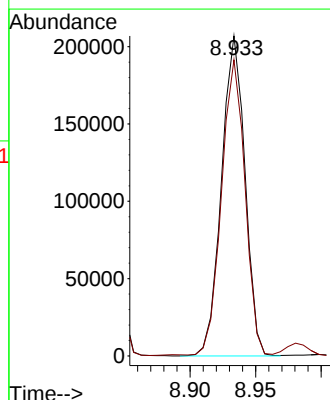
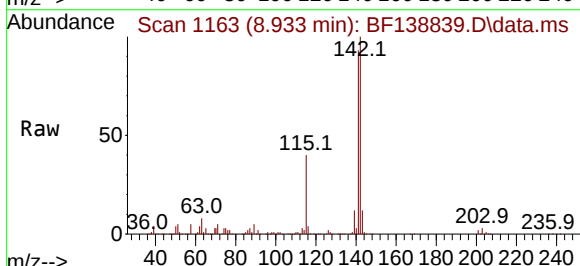
Acq: 07 Aug 2024 13:35

Tgt Ion:142 Resp: 257582

Ion Ratio Lower Upper

142 100

141 92.5 73.1 109.7

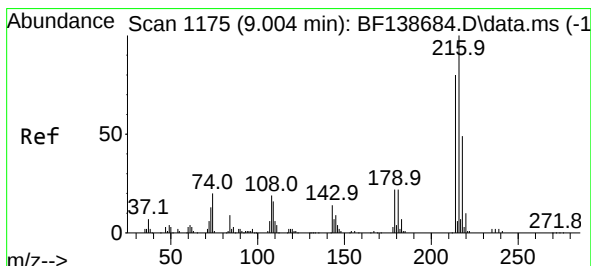
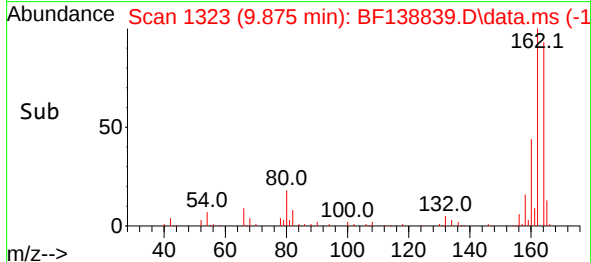
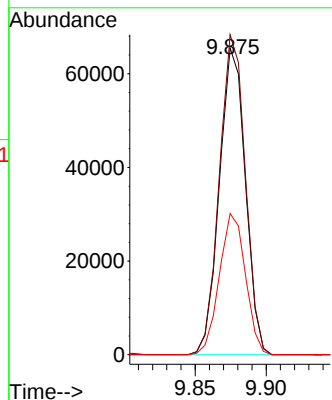
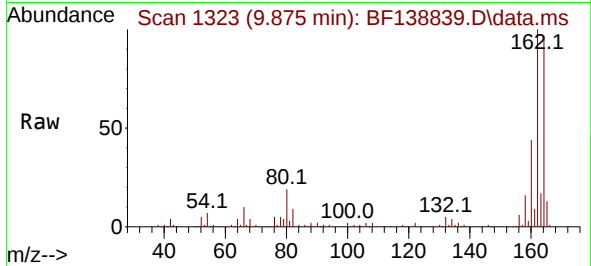




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

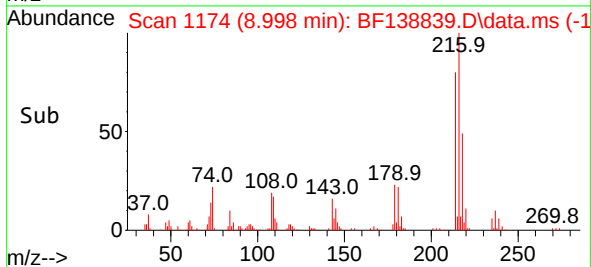
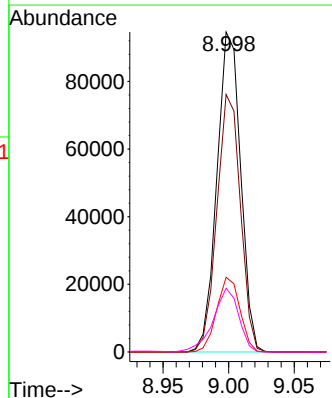
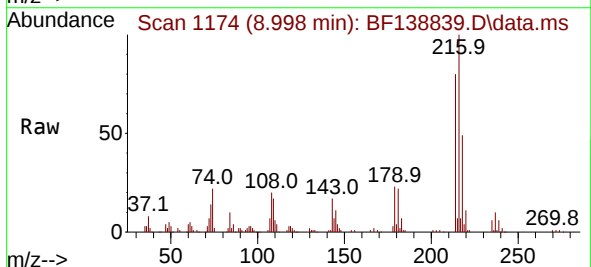
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

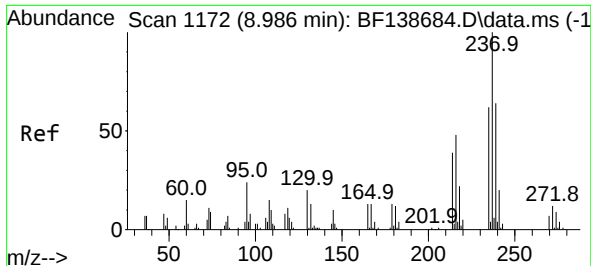
Tgt Ion:164 Resp: 83168
Ion Ratio Lower Upper
164 100
162 104.3 79.4 119.0
160 46.0 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.492 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:216 Resp: 118962
Ion Ratio Lower Upper
216 100
214 79.8 63.9 95.9
179 22.9 17.8 26.6
108 21.5 16.0 24.0

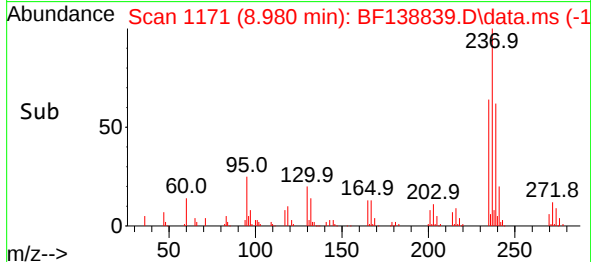
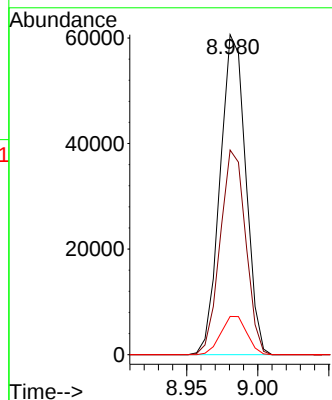
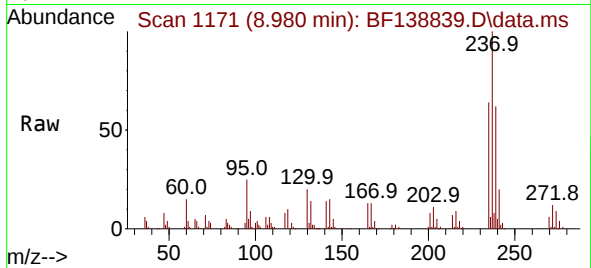




#41
Hexachlorocyclopentadiene
Concen: 120.649 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

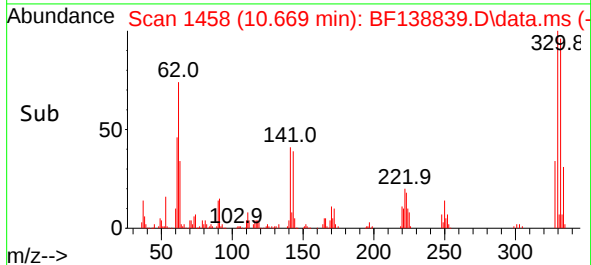
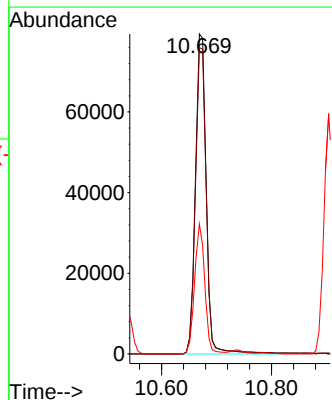
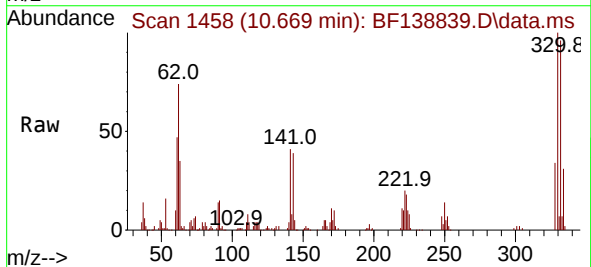
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

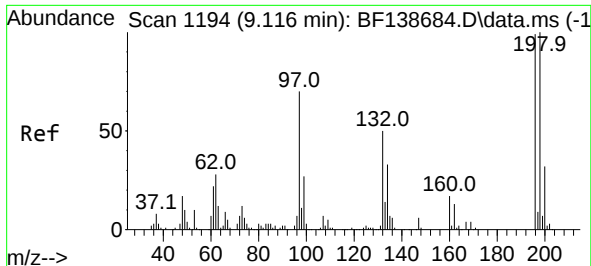
Tgt Ion:237	Resp:	76148
Ion	Ratio	Lower Upper
237	100	
235	64.0	41.8 81.8
272	12.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 158.966 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:330	Resp:	108297
Ion	Ratio	Lower Upper
330	100	
332	96.1	76.4 114.6
141	38.4	31.1 46.7

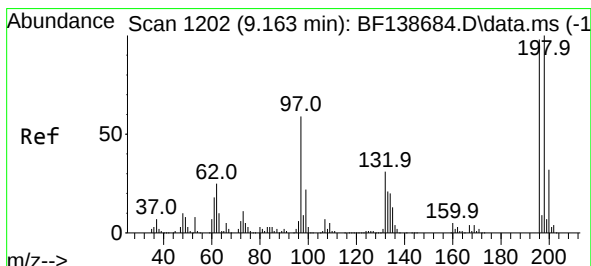
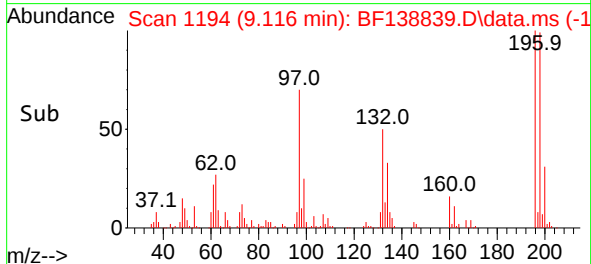
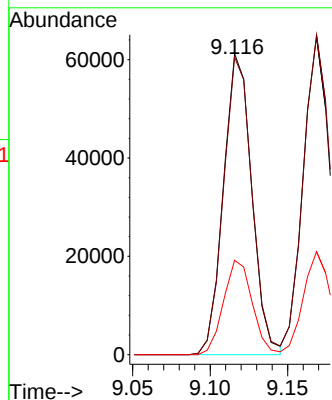
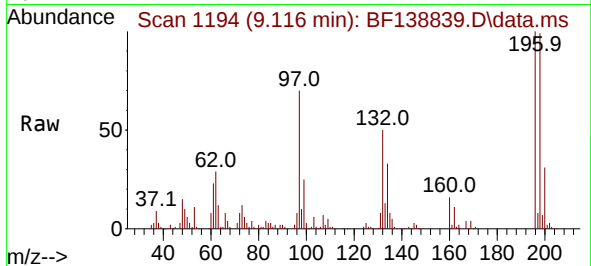




#43
2,4,6-Trichlorophenol
Concen: 55.179 ng
RT: 9.116 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

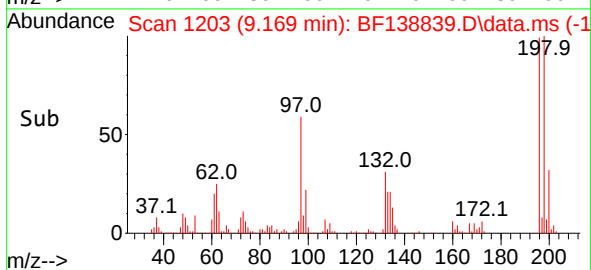
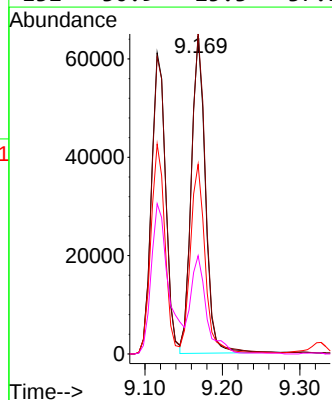
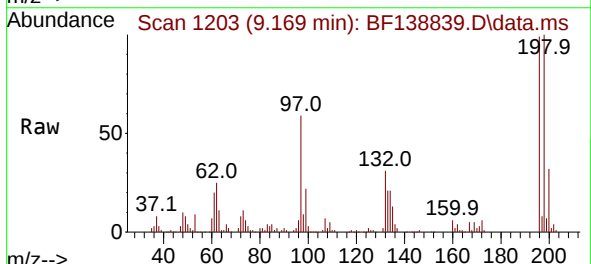
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

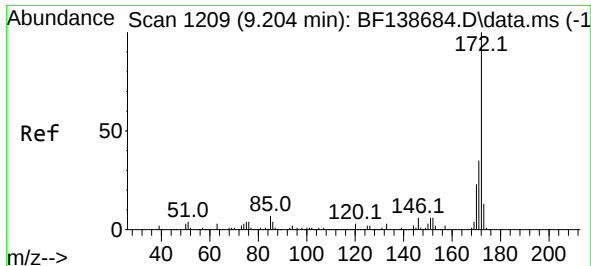
Tgt Ion:196 Resp: 77726
Ion Ratio Lower Upper
196 100
198 98.8 80.5 120.7
200 31.4 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 52.810 ng
RT: 9.169 min Scan# 1203
Delta R.T. 0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:196 Resp: 81323
Ion Ratio Lower Upper
196 100
198 100.7 81.2 121.8
97 59.7 47.8 71.6
132 30.9 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 105.883 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

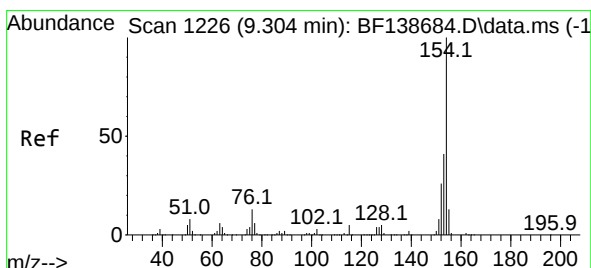
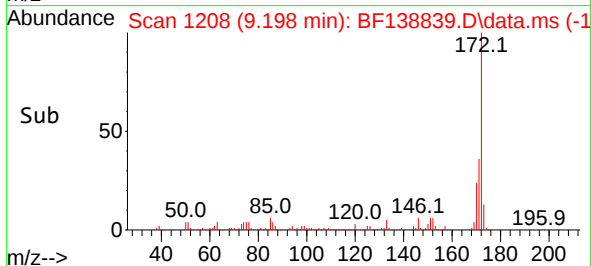
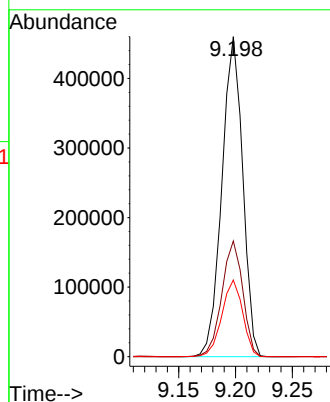
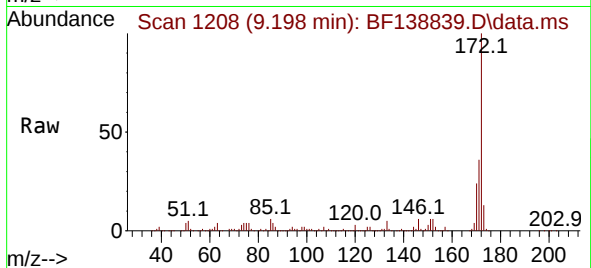
Tgt Ion:172 Resp: 586096

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 51.274 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

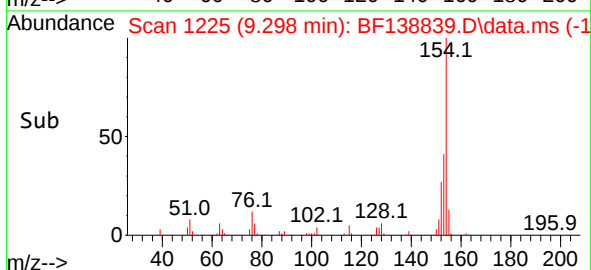
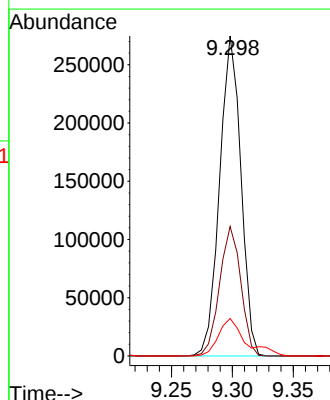
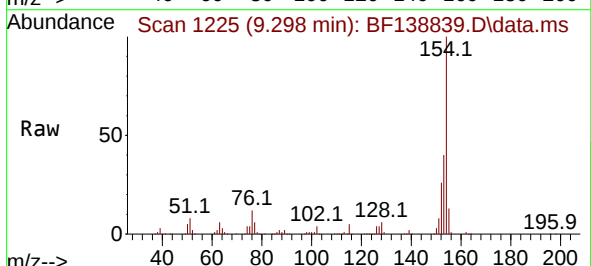
Tgt Ion:154 Resp: 333978

Ion Ratio Lower Upper

154 100

153 40.5 20.8 60.8

76 11.7 0.0 32.8

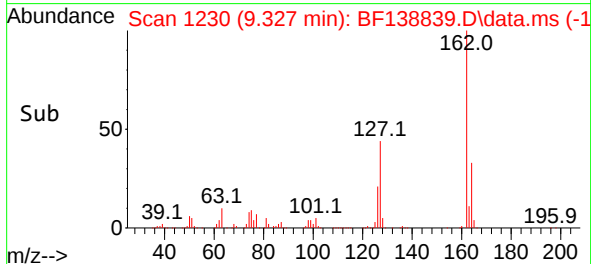
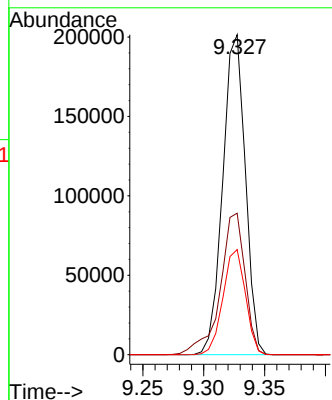
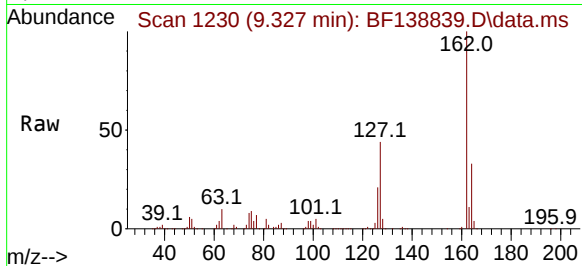




#47
2-Chloronaphthalene
Concen: 53.680 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

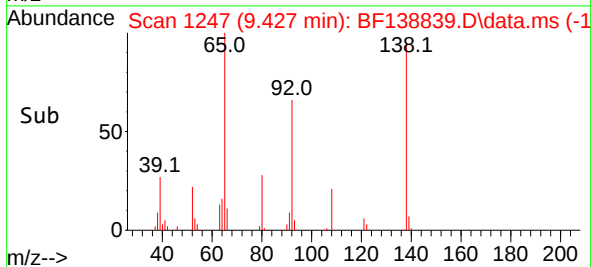
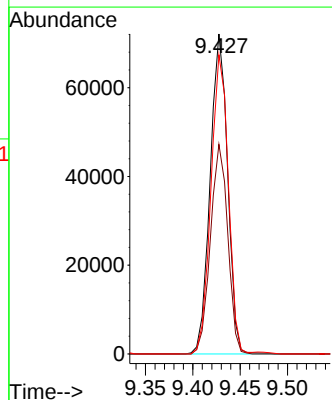
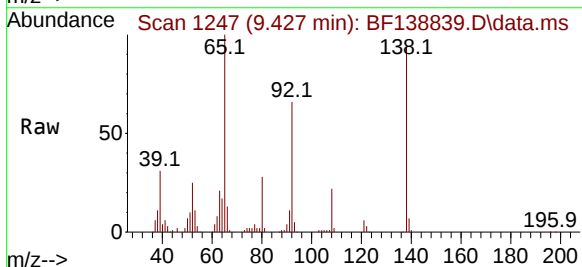
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:162 Resp: 260047
Ion Ratio Lower Upper
162 100
127 44.2 35.4 53.2
164 32.8 25.6 38.4



#48
2-Nitroaniline
Concen: 55.981 ng
RT: 9.427 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion: 65 Resp: 91938
Ion Ratio Lower Upper
65 100
92 65.5 52.0 78.0
138 93.5 76.2 114.4





#49

Acenaphthylene

Concen: 60.134 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138839.D

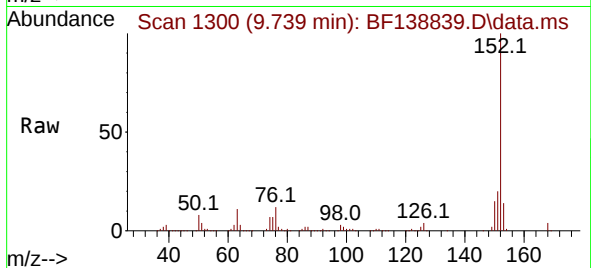
Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD



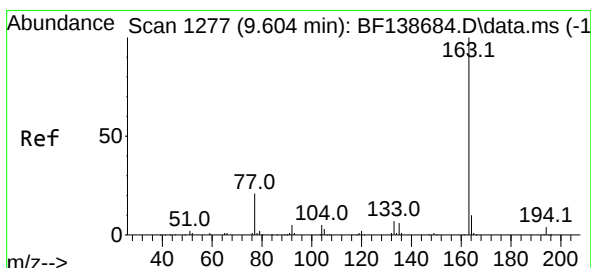
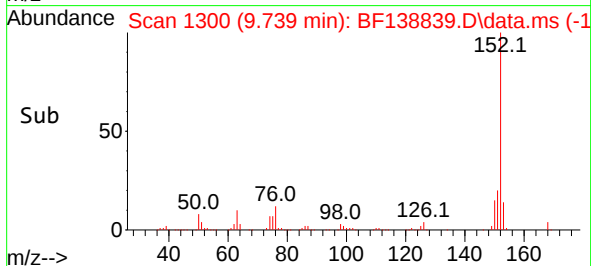
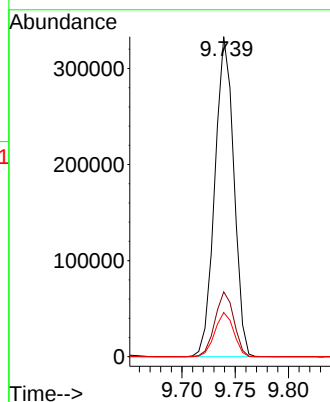
Tgt Ion:152 Resp: 413163

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.8 11.0 16.4



#50

Dimethylphthalate

Concen: 58.968 ng

RT: 9.604 min Scan# 1277

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

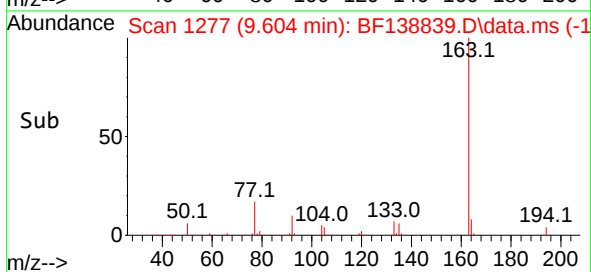
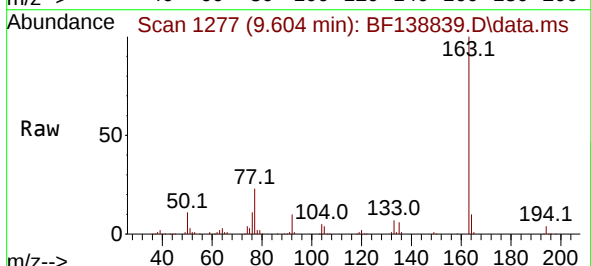
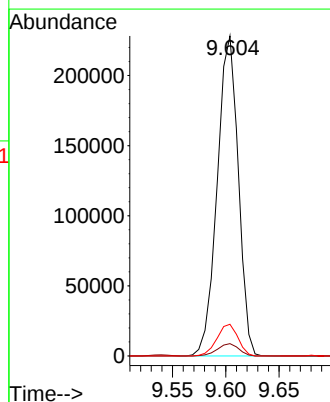
Tgt Ion:163 Resp: 313585

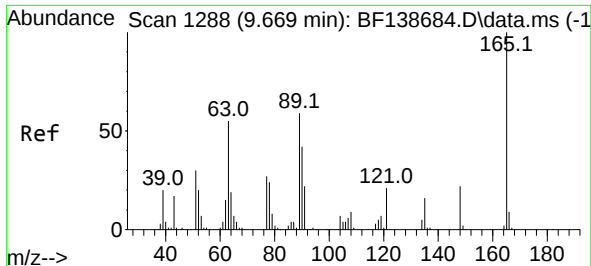
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 7.8 11.8

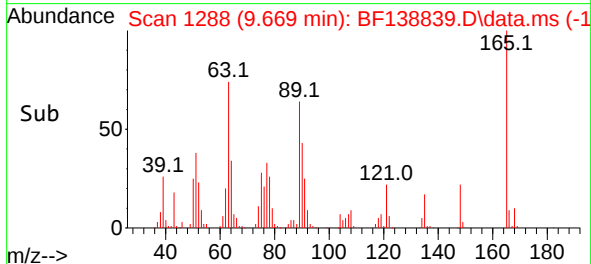
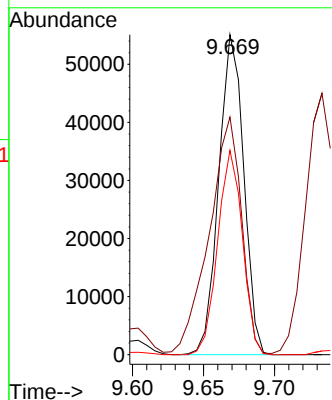
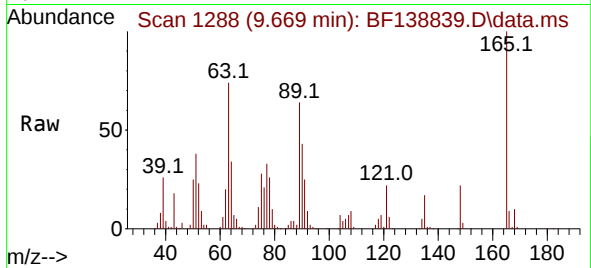




#51
2,6-Dinitrotoluene
Concen: 56.147 ng
RT: 9.669 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

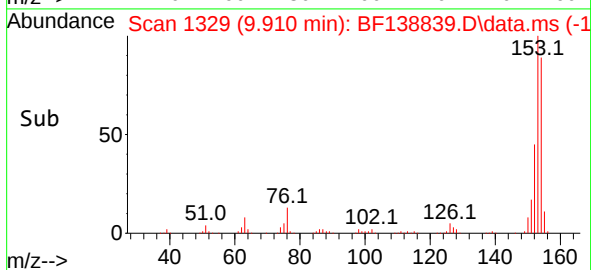
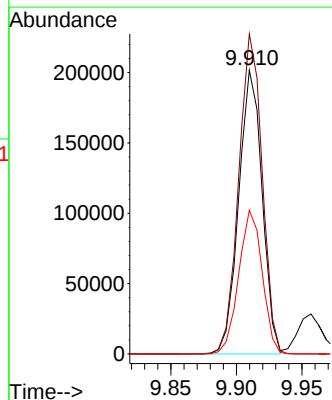
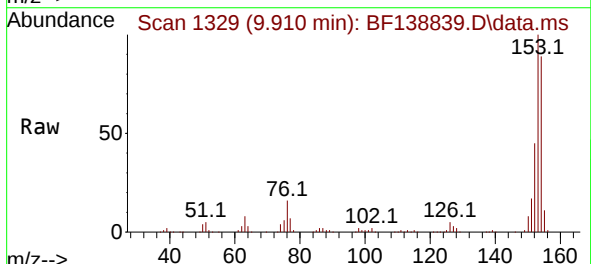
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:165 Resp: 67384
Ion Ratio Lower Upper
165 100
63 74.2 52.0 78.0
89 63.9 47.0 70.6



#52
Acenaphthene
Concen: 54.379 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:154 Resp: 251158
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 50.6 40.6 60.8





#53

3-Nitroaniline

Concen: 34.297 ng

RT: 9.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

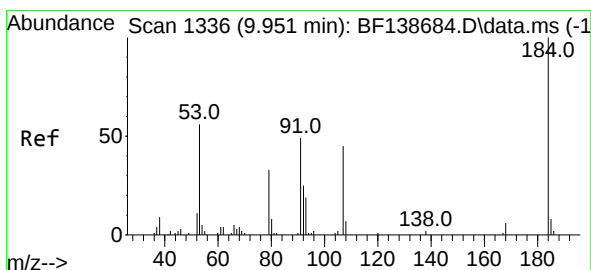
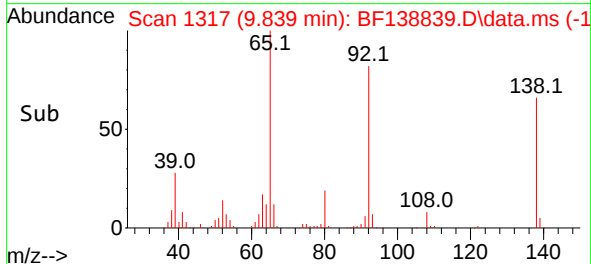
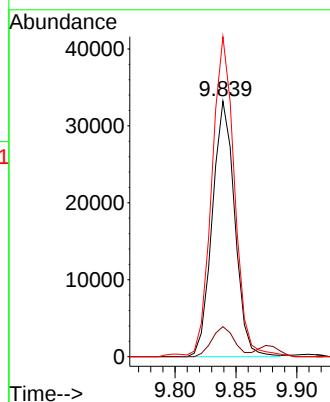
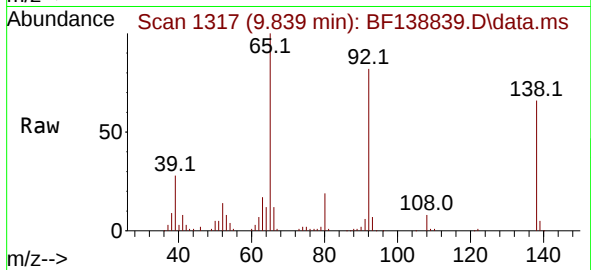
Tgt Ion:138 Resp: 42552

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 125.2 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 100.600 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

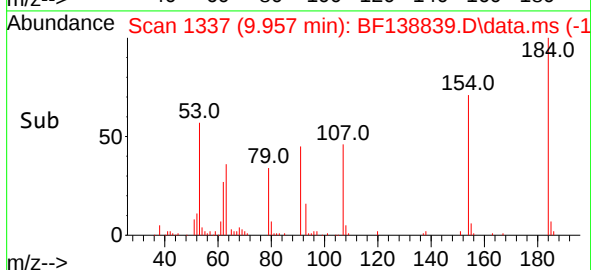
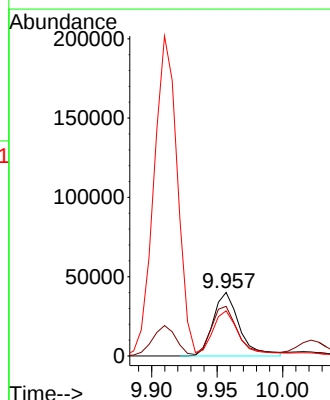
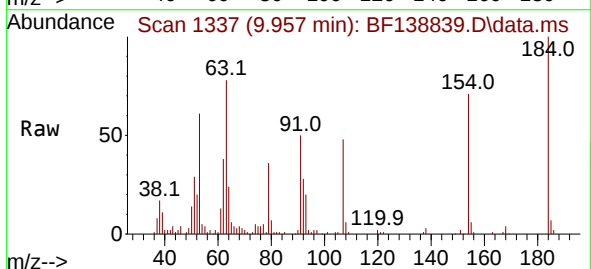
Tgt Ion:184 Resp: 55578

Ion Ratio Lower Upper

184 100

63 78.1 57.5 86.3

154 71.2 51.7 77.5





#55

Dibenzenofuran

Concen: 57.451 ng

RT: 10.086 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

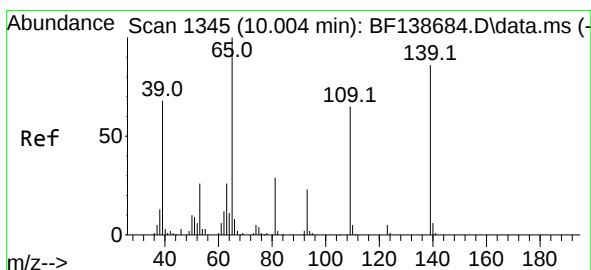
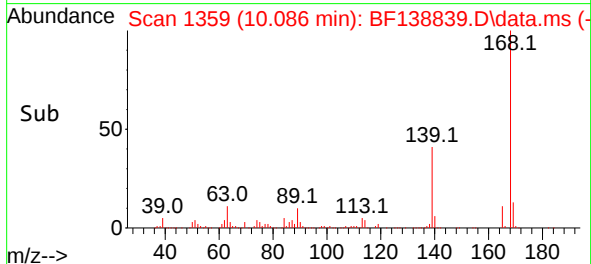
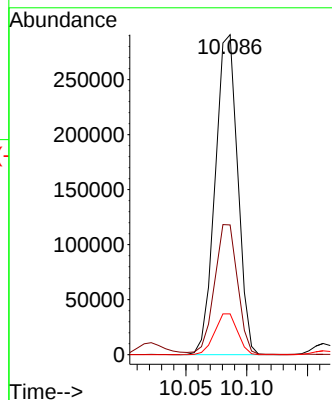
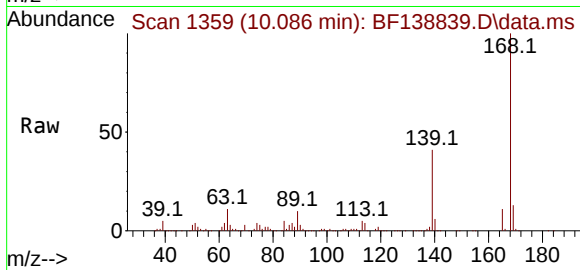
Tgt Ion:168 Resp: 374566

Ion Ratio Lower Upper

168 100

139 40.5 32.6 49.0

169 12.8 10.7 16.1



#56

4-Nitrophenol

Concen: 23.898 ng

RT: 10.022 min Scan# 1348

Delta R.T. 0.018 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

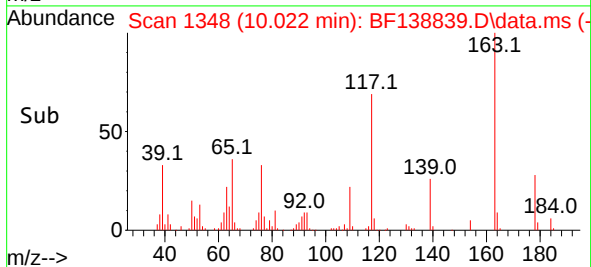
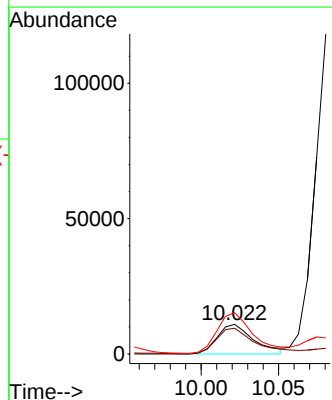
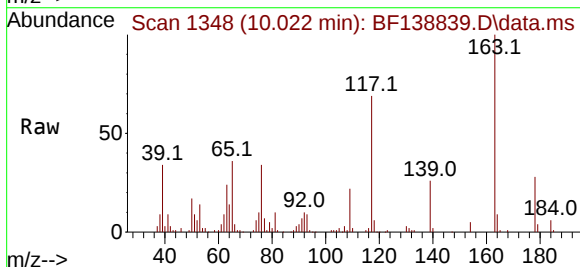
Tgt Ion:139 Resp: 17830

Ion Ratio Lower Upper

139 100

109 86.9 55.5 95.5

65 139.4 96.7 136.7#

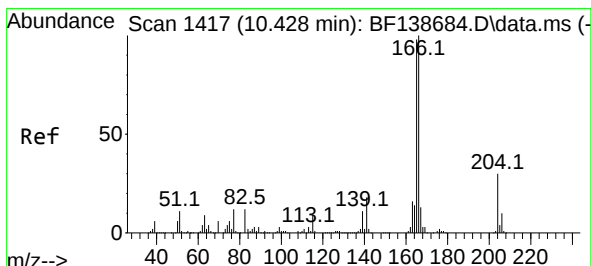
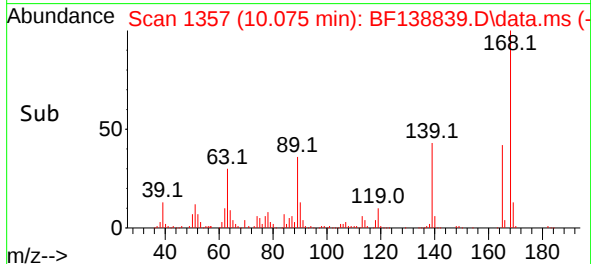
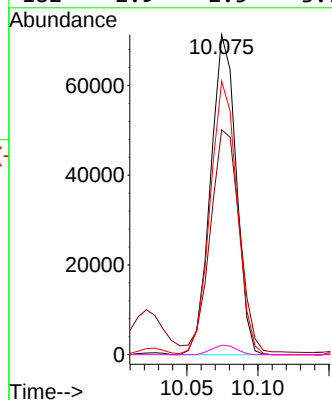
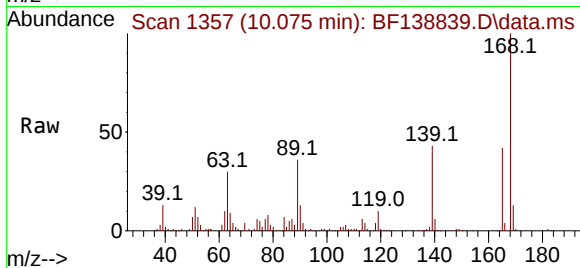




#57
2,4-Dinitrotoluene
Concen: 58.287 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

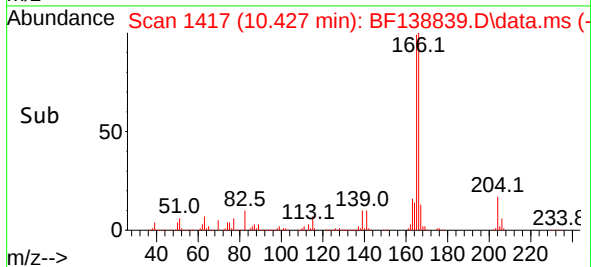
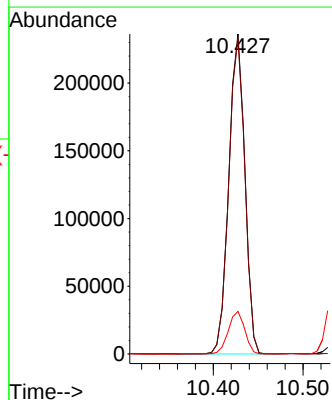
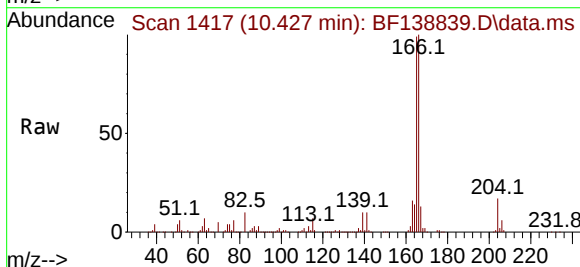
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:165 Resp: 89249
Ion Ratio Lower Upper
165 100
63 70.3 46.3 69.5#
89 85.4 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 56.744 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:166 Resp: 294609
Ion Ratio Lower Upper
166 100
165 98.6 78.4 117.6
167 13.3 10.6 16.0

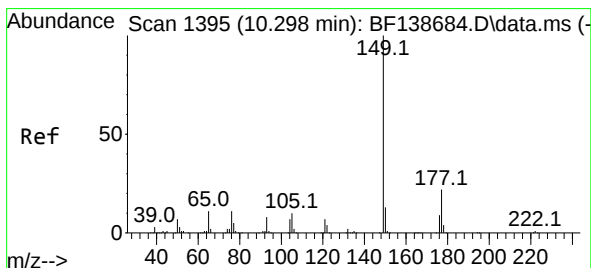
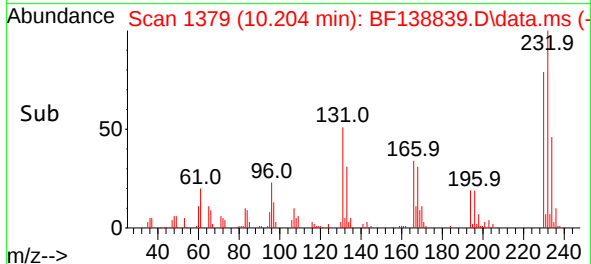
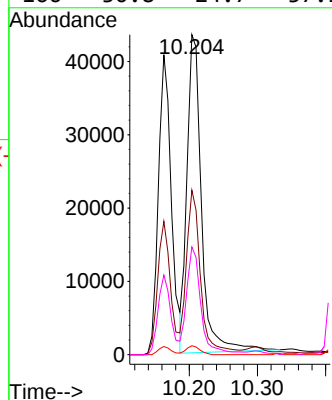
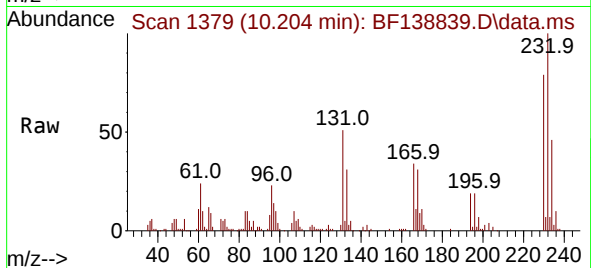




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.271 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

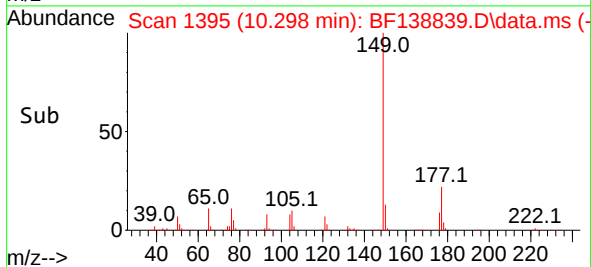
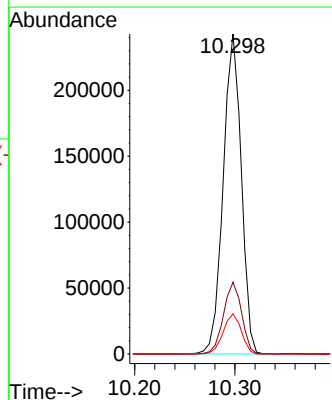
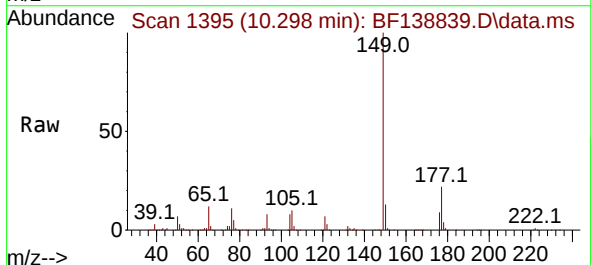
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

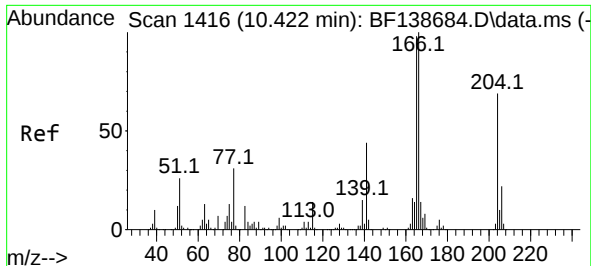
Tgt Ion:232 Resp: 63893
Ion Ratio Lower Upper
232 100
131 49.6 37.0 55.4
130 2.6 2.0 3.0
166 30.8 24.7 37.1



#60
Diethylphthalate
Concen: 60.186 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:149 Resp: 303474
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.6 10.1 15.1





#61

4-Chlorophenyl-phenylether

Concen: 57.284 ng

RT: 10.416 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

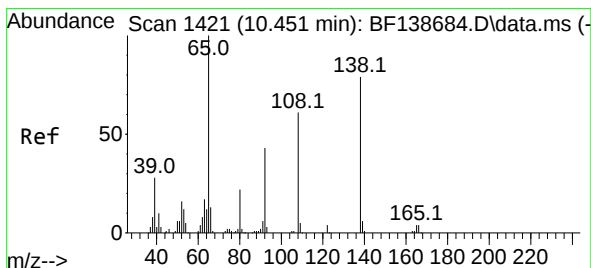
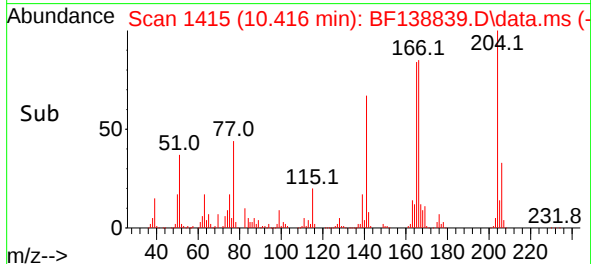
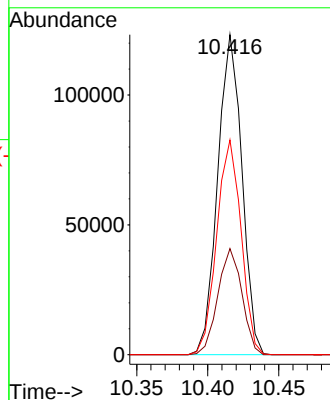
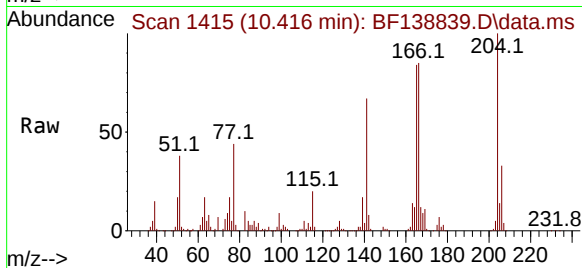
Tgt Ion:204 Resp: 146272

Ion Ratio Lower Upper

204 100

206 33.1 26.1 39.1

141 67.1 51.4 77.0



#62

4-Nitroaniline

Concen: 47.846 ng

RT: 10.457 min Scan# 1422

Delta R.T. 0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

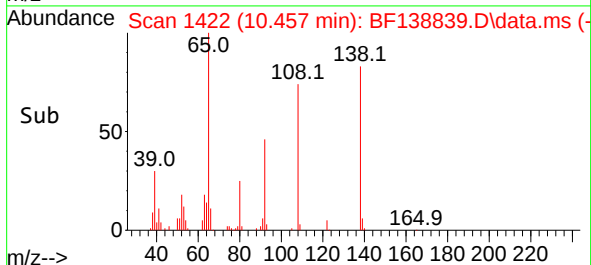
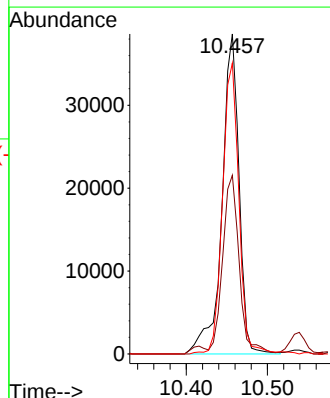
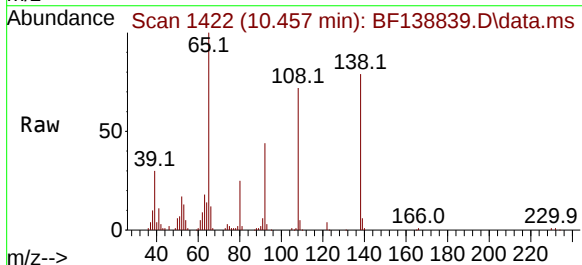
Tgt Ion:138 Resp: 56412

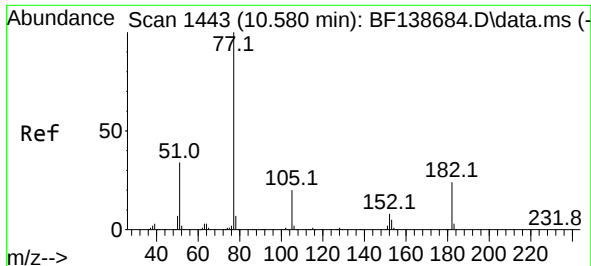
Ion Ratio Lower Upper

138 100

92 55.8 34.2 74.2

108 90.9 56.2 96.2

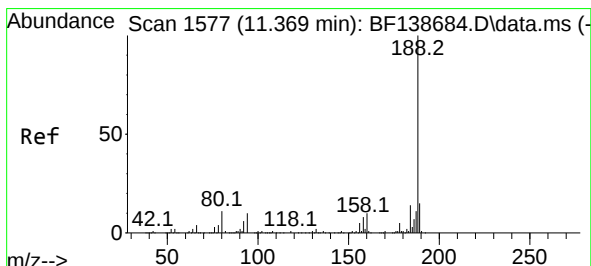
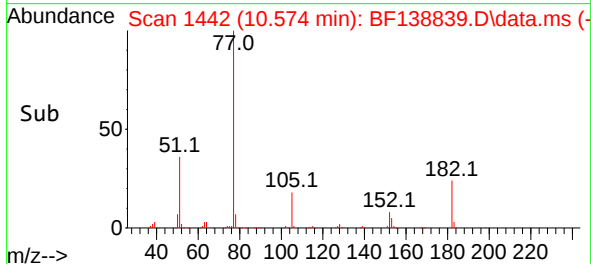
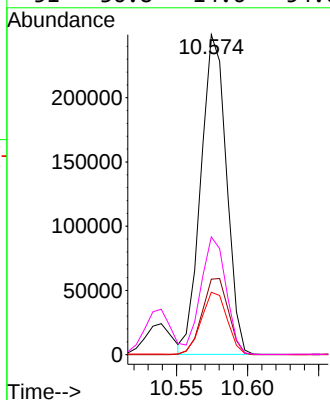
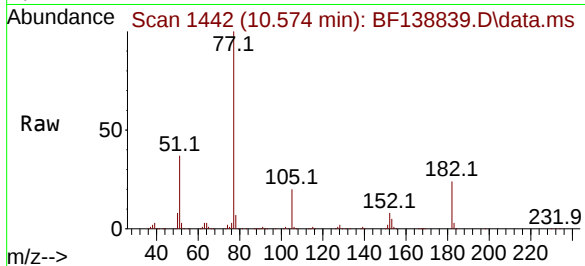




#63
Azobenzene
Concen: 55.619 ng
RT: 10.574 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

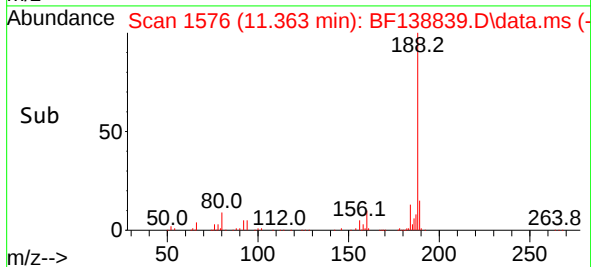
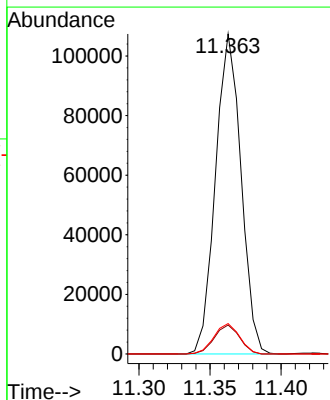
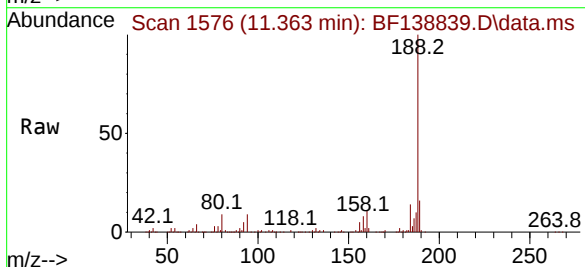
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

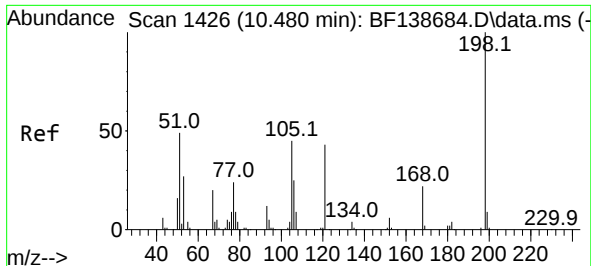
Tgt Ion: 77	Resp: 311041
Ion Ratio	Lower Upper
77 100	
182 23.6	3.4 43.4
105 19.5	0.2 40.2
51 36.8	14.6 54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:188	Resp: 133927
Ion Ratio	Lower Upper
188 100	
94 9.0	7.6 11.4
80 9.5	8.6 12.8

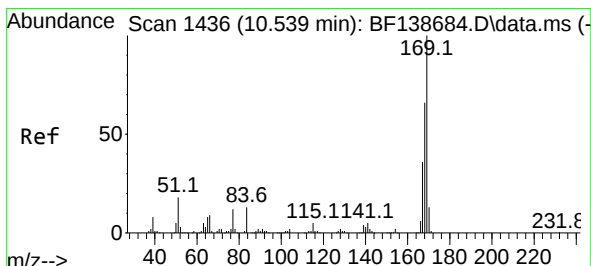
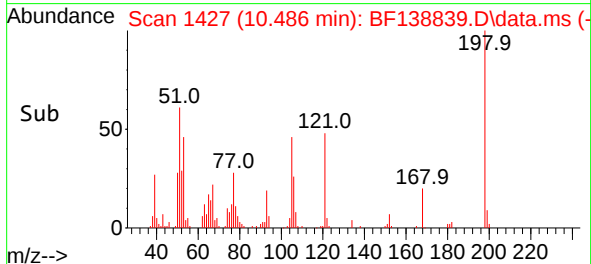
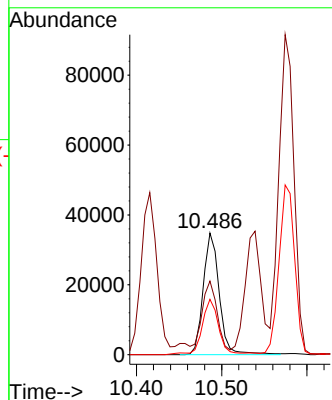
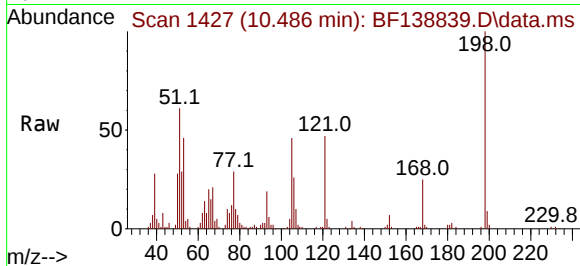




#65
4,6-Dinitro-2-methylphenol
Concen: 55.807 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

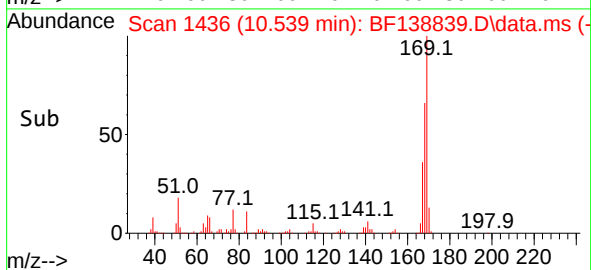
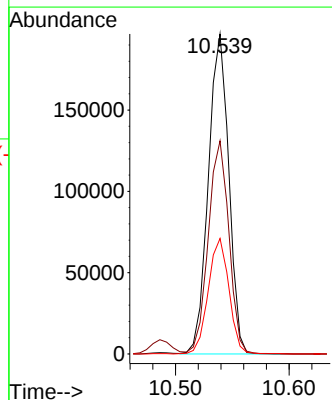
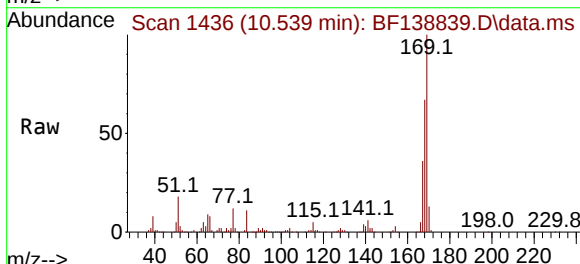
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

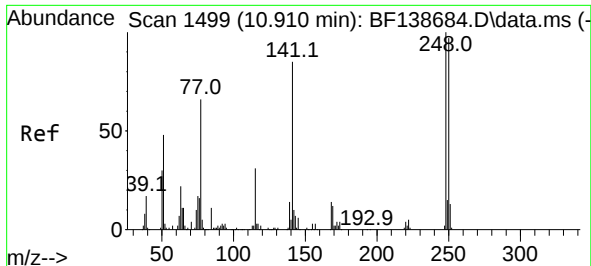
Tgt Ion:198 Resp: 45598
Ion Ratio Lower Upper
198 100
51 60.6 39.9 79.9
105 45.5 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 58.693 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:169 Resp: 245705
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.1 29.0 43.6

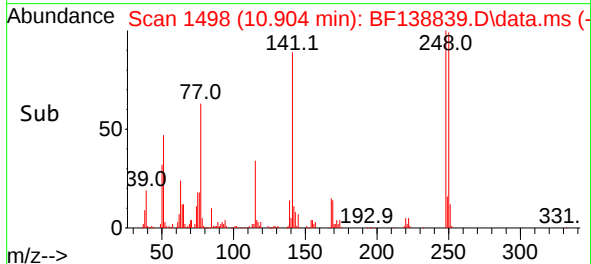
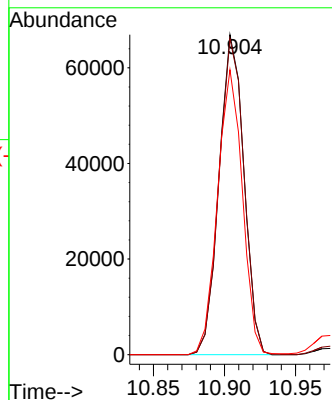
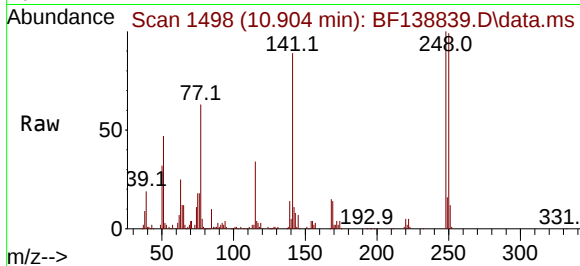




#67
4-Bromophenyl-phenylether
Concen: 56.097 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

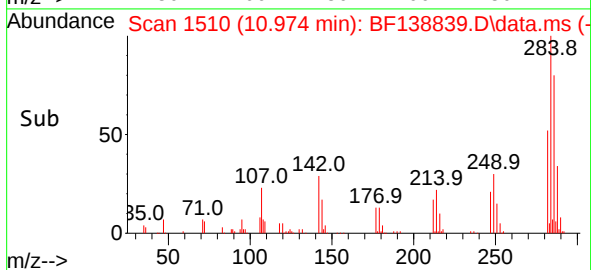
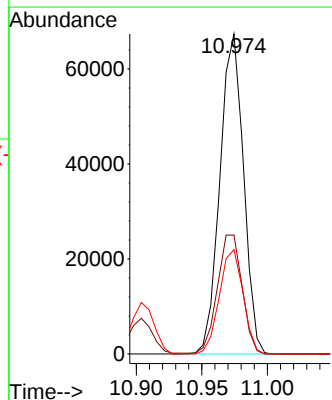
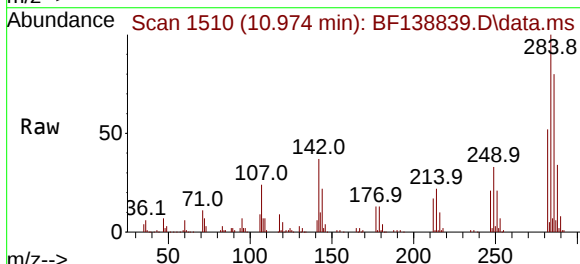
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:248 Resp: 81341
Ion Ratio Lower Upper
248 100
250 98.8 77.7 116.5
141 89.0 68.0 102.0



#68
Hexachlorobenzene
Concen: 56.233 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:284 Resp: 84189
Ion Ratio Lower Upper
284 100
142 37.1 31.3 46.9
249 32.6 27.2 40.8





#69

Atrazine

Concen: 63.392 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

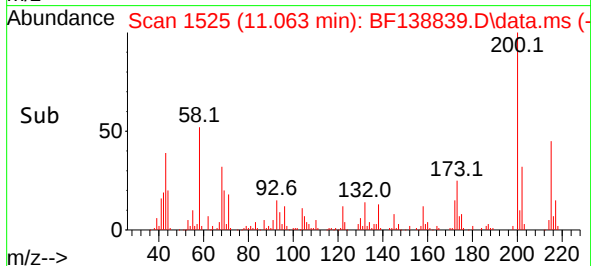
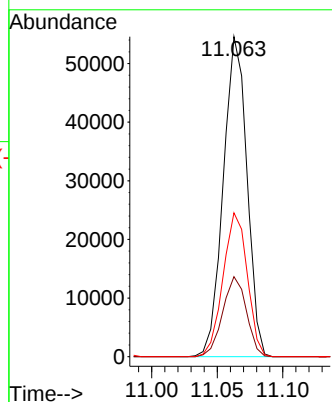
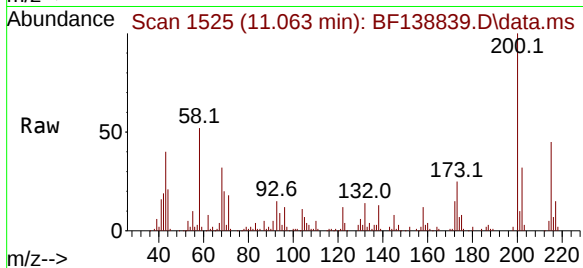
Tgt Ion:200 Resp: 68467

Ion Ratio Lower Upper

200 100

173 25.0 6.0 46.0

215 45.0 26.1 66.1



#70

Pentachlorophenol

Concen: 87.141 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

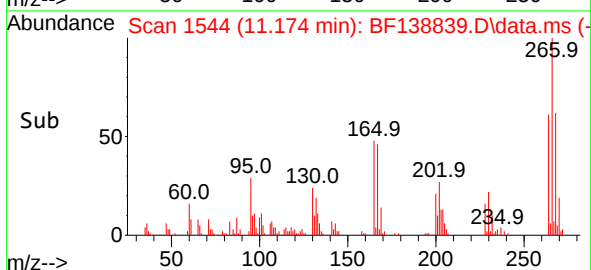
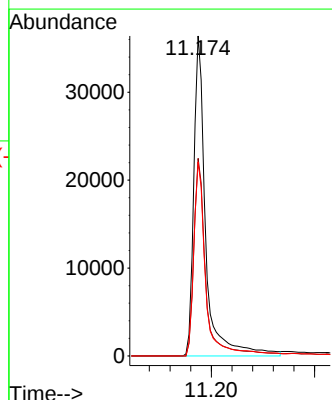
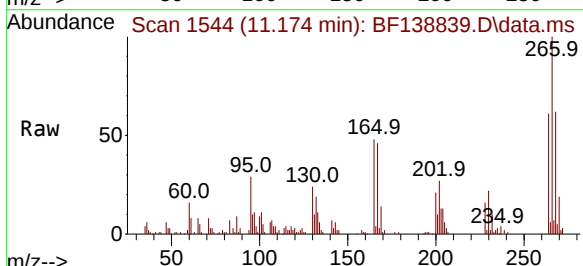
Tgt Ion:266 Resp: 58805

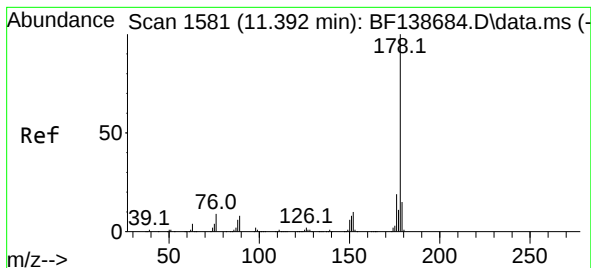
Ion Ratio Lower Upper

266 100

268 61.8 49.2 73.8

264 60.6 49.8 74.6





#71

Phenanthrene

Concen: 57.074 ng

RT: 11.392 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

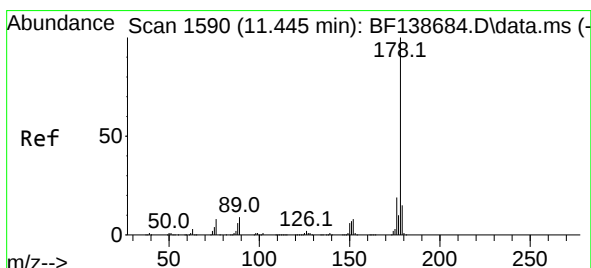
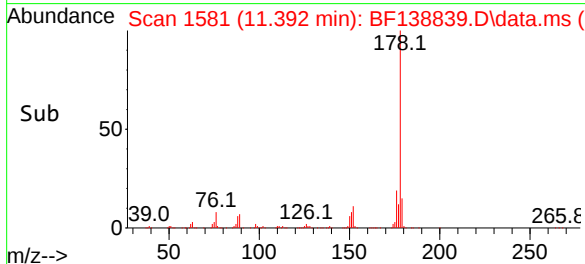
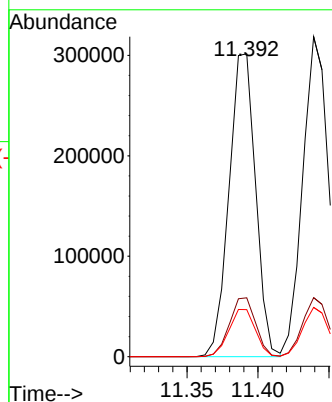
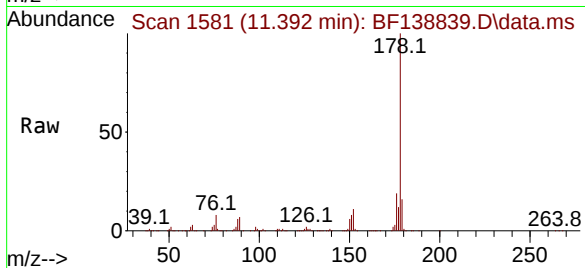
Tgt Ion:178 Resp: 393591

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.5 12.2 18.2



#72

Anthracene

Concen: 58.910 ng

RT: 11.439 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

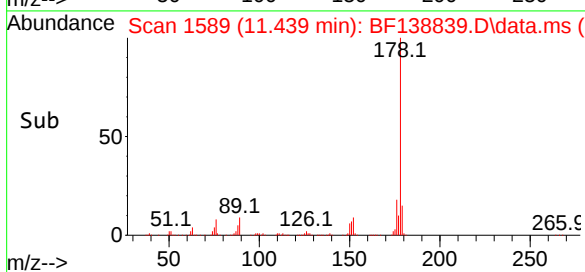
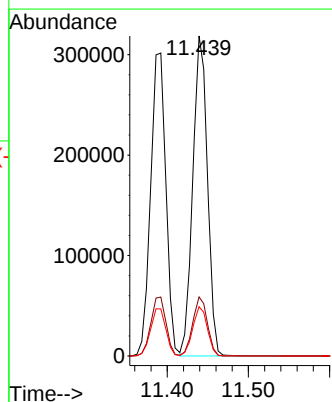
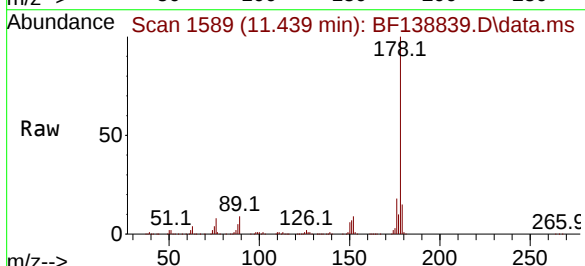
Tgt Ion:178 Resp: 400214

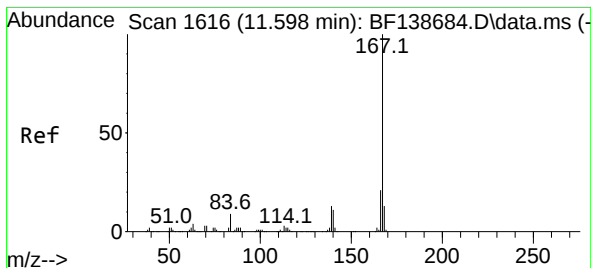
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 15.4 12.4 18.6





#73

Carbazole

Concen: 53.604 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF138839.D

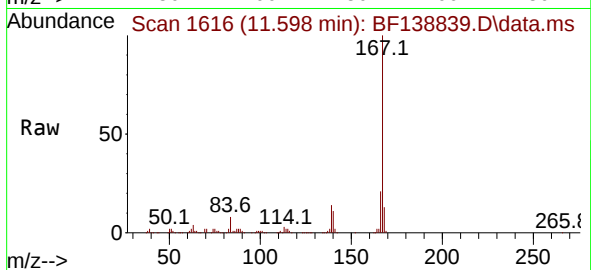
Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD



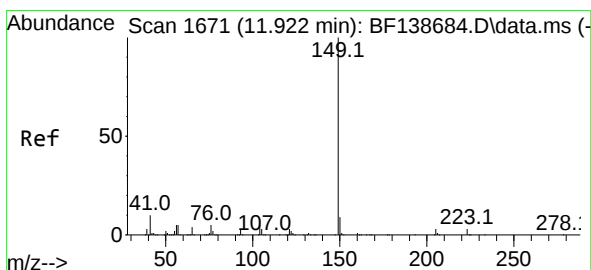
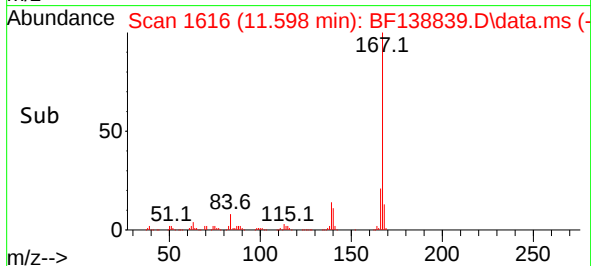
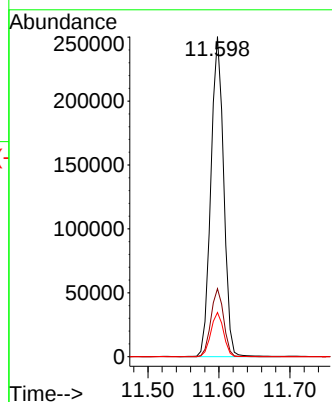
Tgt Ion:167 Resp: 314185

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 61.834 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

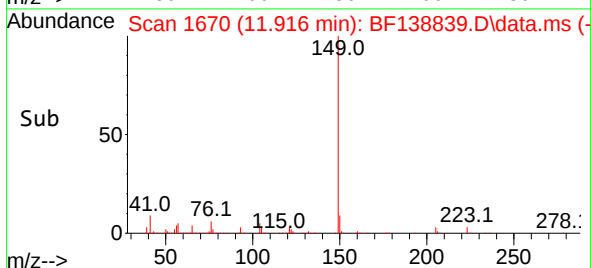
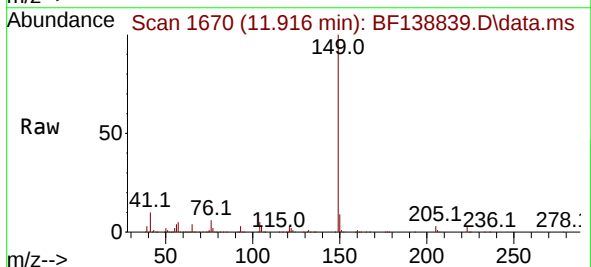
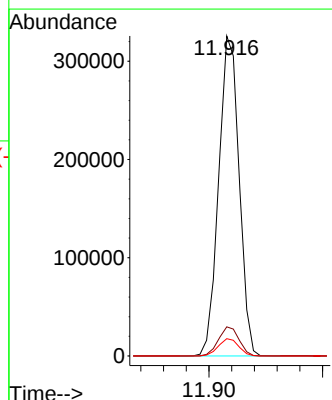
Tgt Ion:149 Resp: 407424

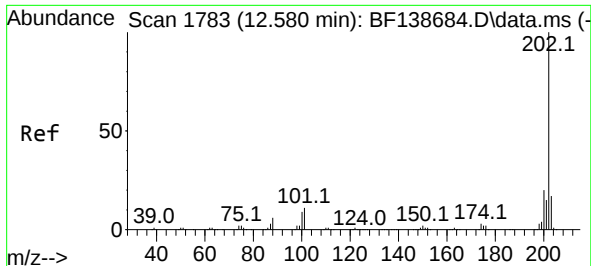
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.4 4.1 6.1

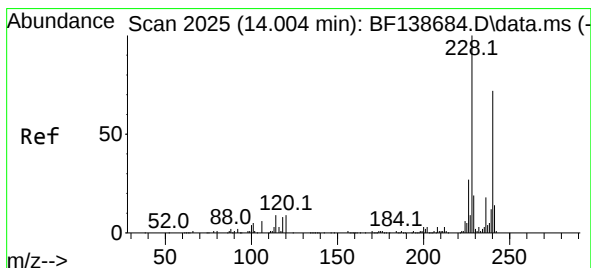
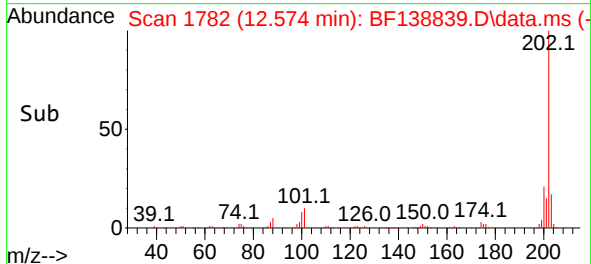
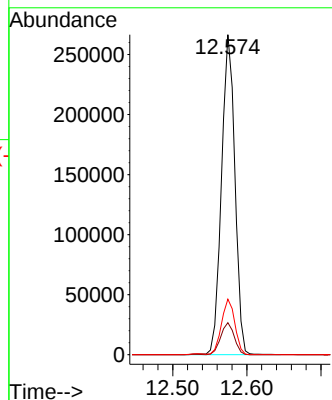
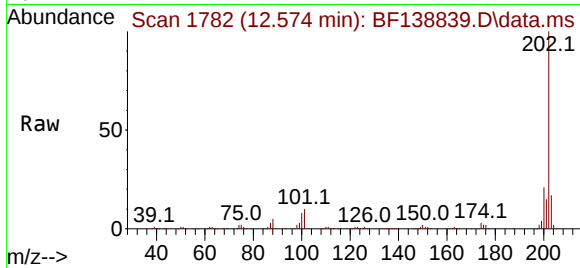




#75
Fluoranthene
Concen: 52.055 ng
RT: 12.574 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

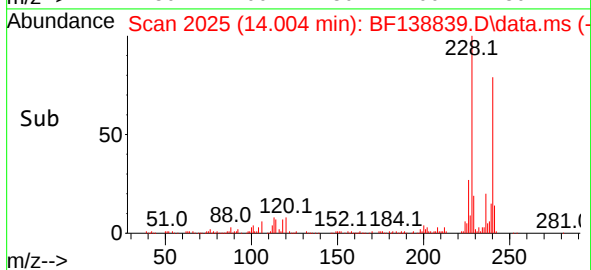
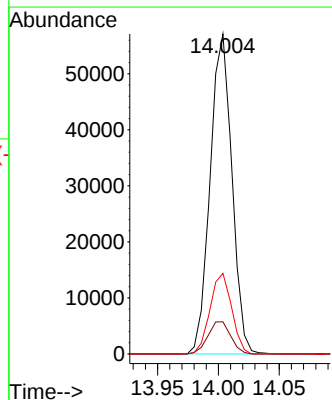
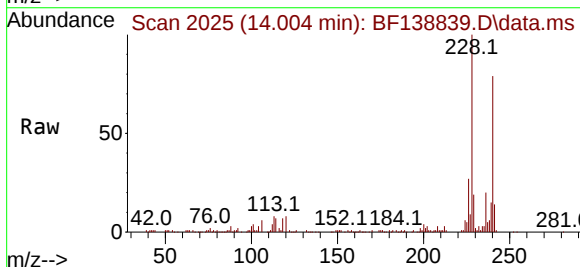
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:202 Resp: 335130
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.2
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:240 Resp: 71097
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.2 19.8 29.8

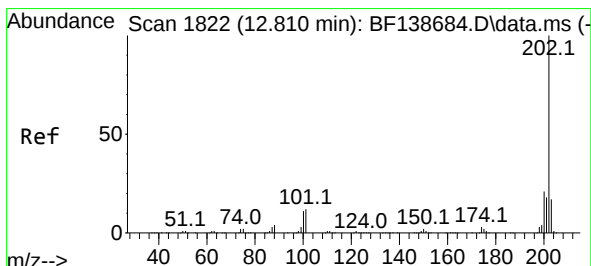
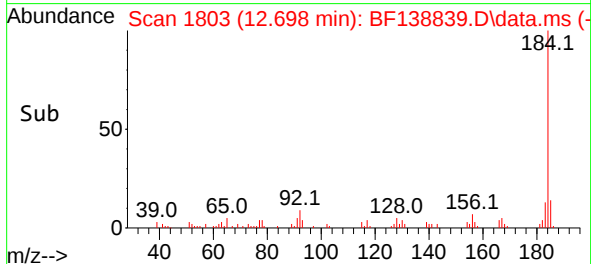
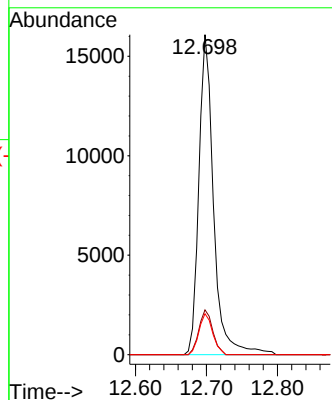
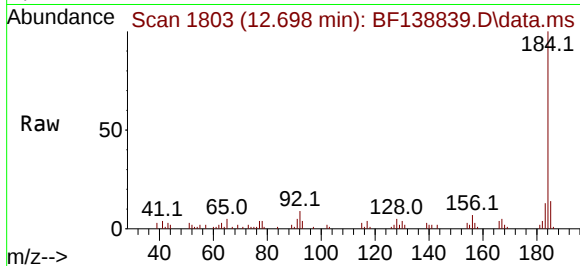




#77
Benzidine
Concen: 13.676 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

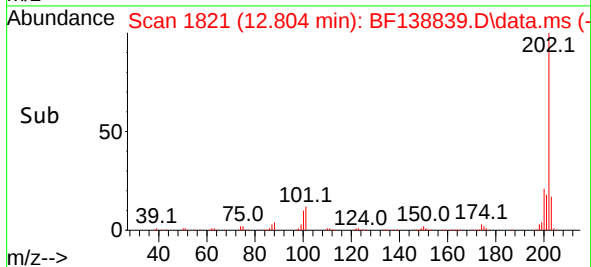
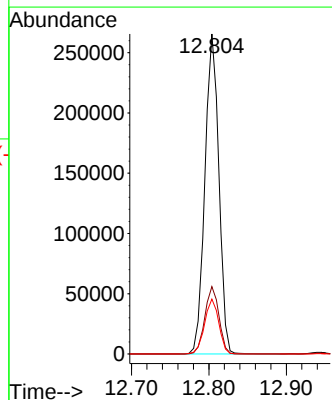
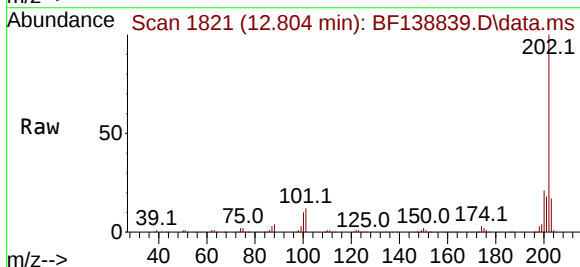
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:184 Resp: 23256
Ion Ratio Lower Upper
184 100
185 14.0 11.1 16.7
183 12.8 9.6 14.4



#78
Pyrene
Concen: 49.569 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:202 Resp: 331815
Ion Ratio Lower Upper
202 100
200 21.1 16.8 25.2
203 17.2 13.8 20.6





#79

Terphenyl-d14

Concen: 112.752 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138839.D

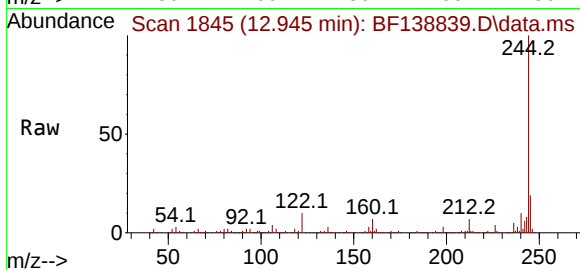
Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD



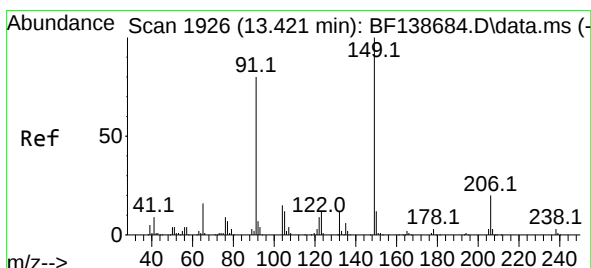
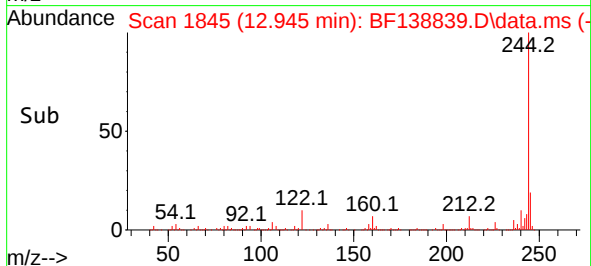
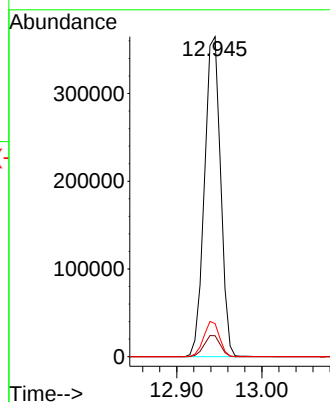
Tgt Ion:244 Resp: 478797

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.3 9.6 14.4



#80

Butylbenzylphthalate

Concen: 60.235 ng

RT: 13.415 min Scan# 1925

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

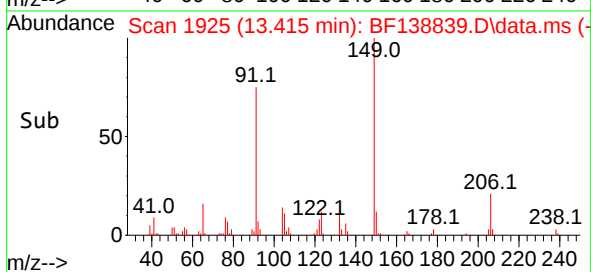
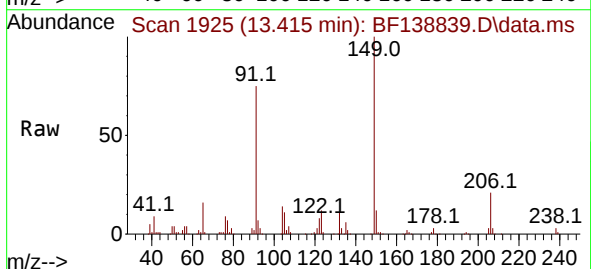
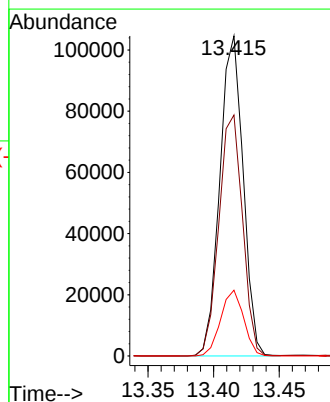
Tgt Ion:149 Resp: 129121

Ion Ratio Lower Upper

149 100

91 75.3 63.7 95.5

206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 54.677 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

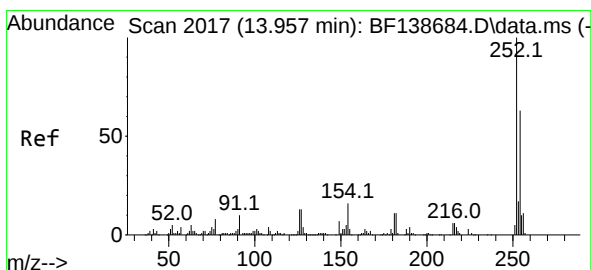
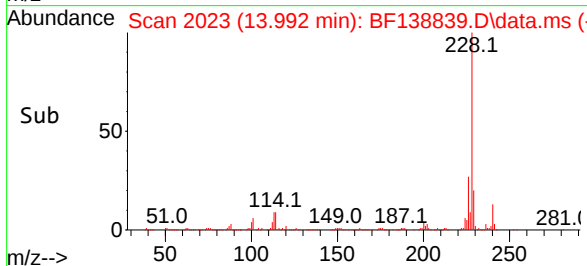
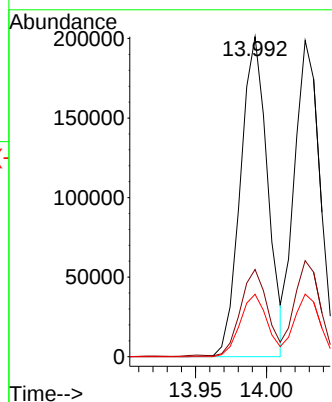
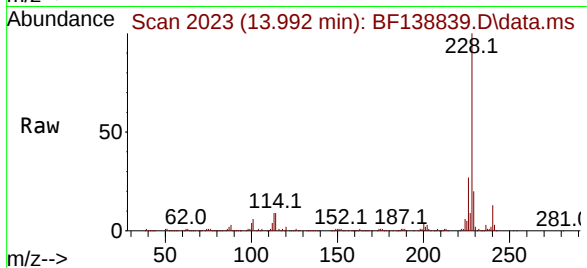
Tgt Ion:228 Resp: 267693

Ion Ratio Lower Upper

228 100

226 27.2 22.1 33.1

229 19.5 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 45.839 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

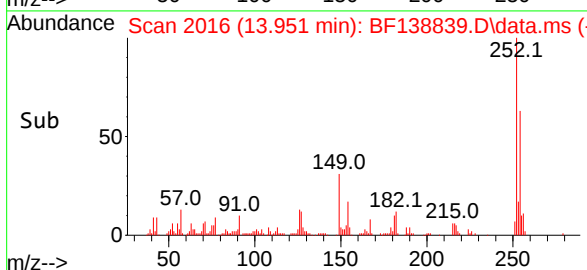
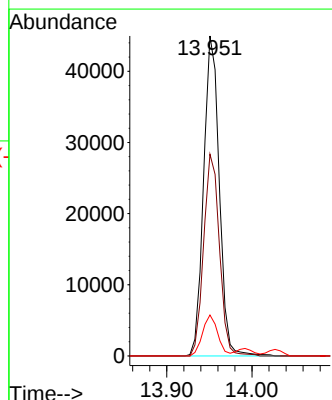
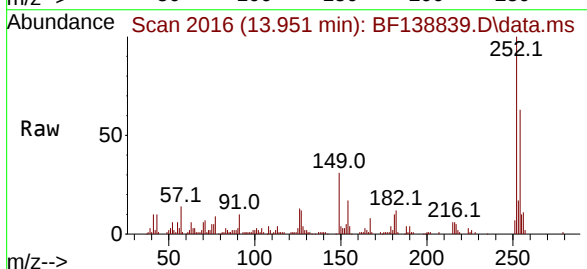
Tgt Ion:252 Resp: 57431

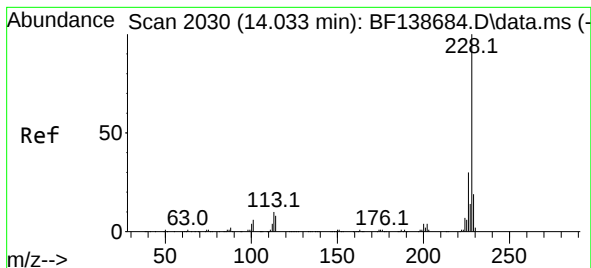
Ion Ratio Lower Upper

252 100

254 63.0 50.8 76.2

126 12.8 10.2 15.2





#83

Chrysene

Concen: 55.568 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

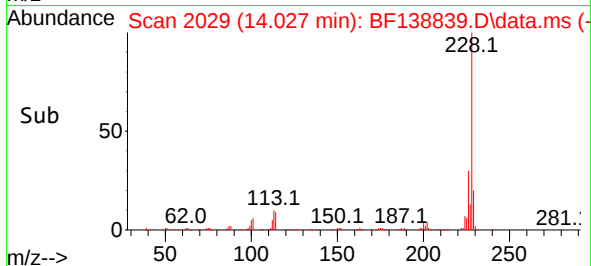
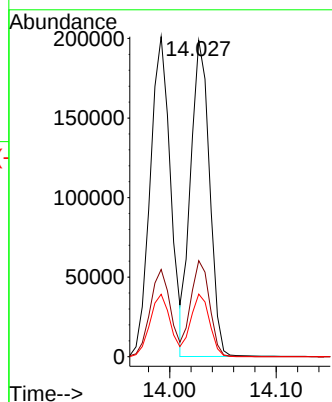
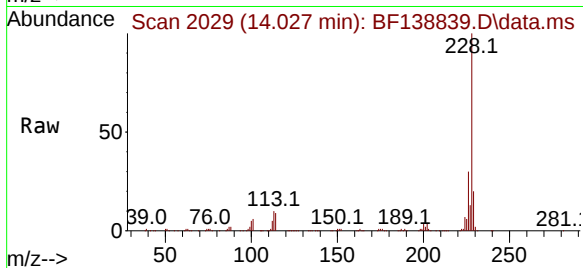
Tgt Ion:228 Resp: 245446

Ion Ratio Lower Upper

228 100

226 30.4 23.7 35.5

229 19.8 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.143 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

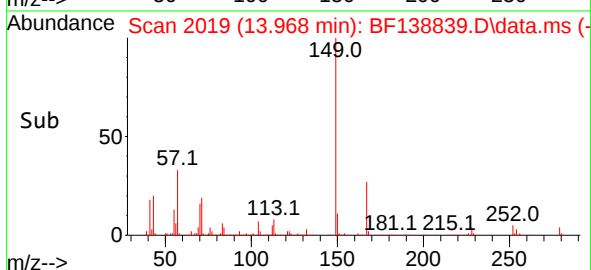
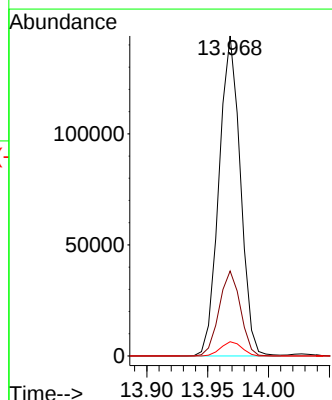
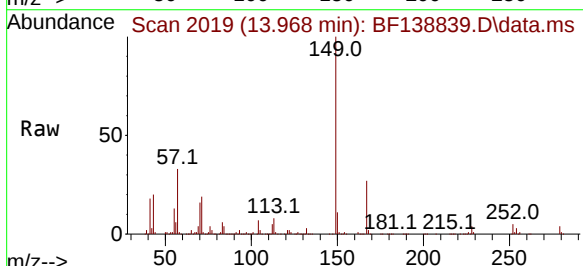
Tgt Ion:149 Resp: 176230

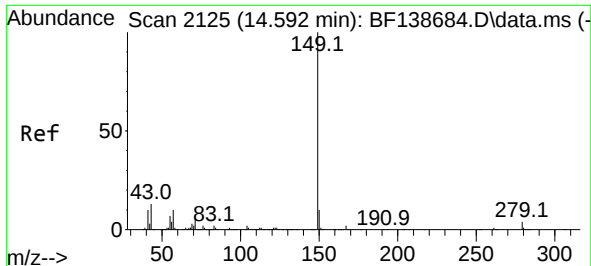
Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.4

279 4.5 3.4 5.0

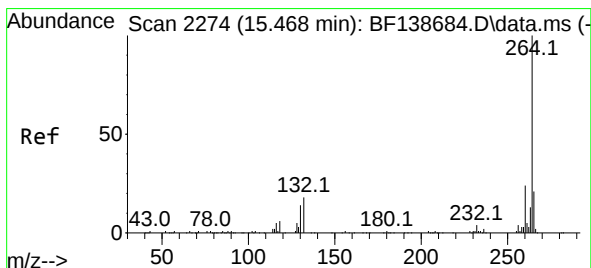
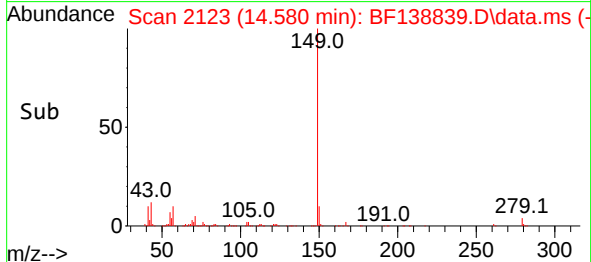
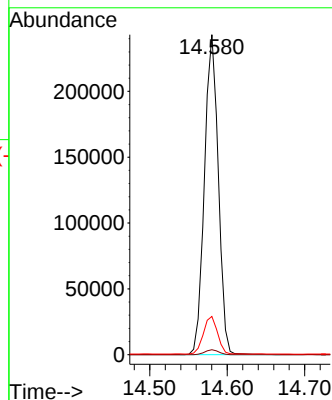
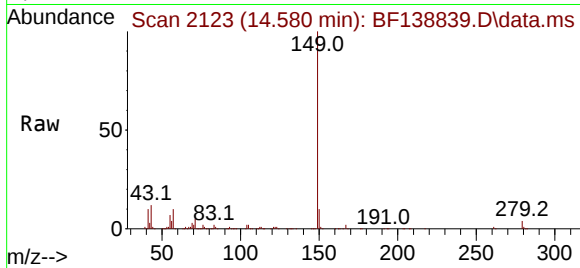




#85
Di-n-octyl phthalate
Concen: 52.023 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

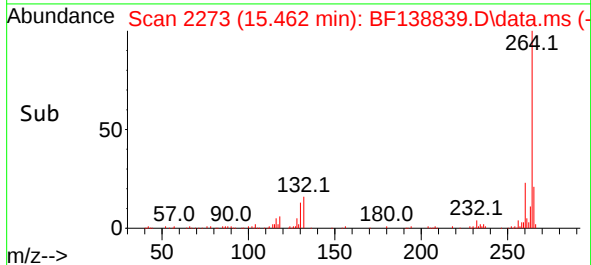
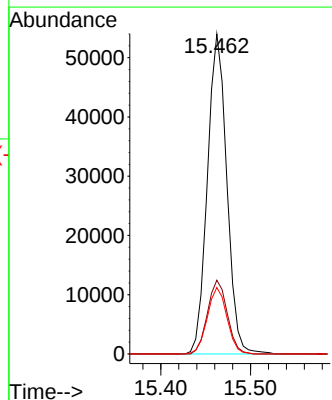
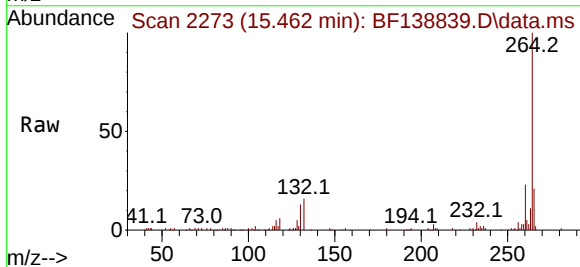
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:149 Resp: 302129
Ion Ratio Lower Upper
149 100
167 1.5 1.4 2.0
43 11.9 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:264 Resp: 81109
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.6
265 20.7 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.228 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

Instrument :

BNA_F

ClientSampleId :

923-K1-WS-080124MSD

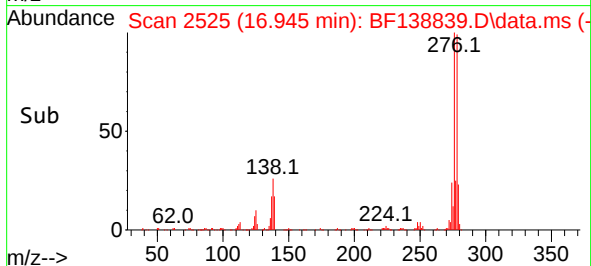
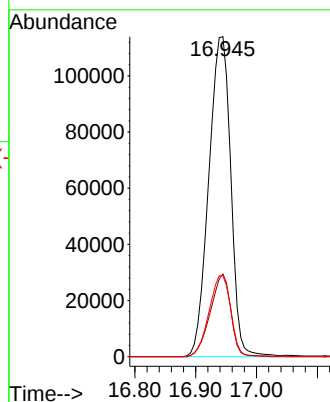
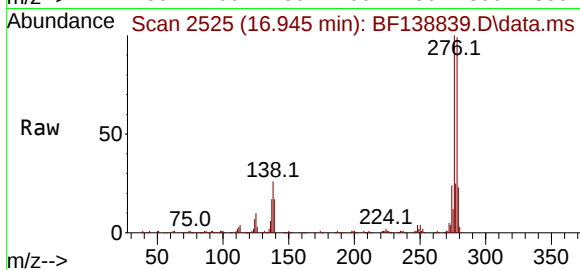
Tgt Ion:276 Resp: 286143

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 51.591 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138839.D

Acq: 07 Aug 2024 13:35

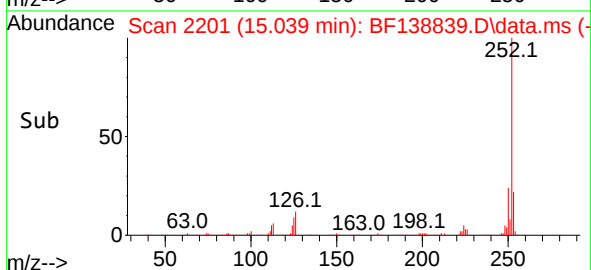
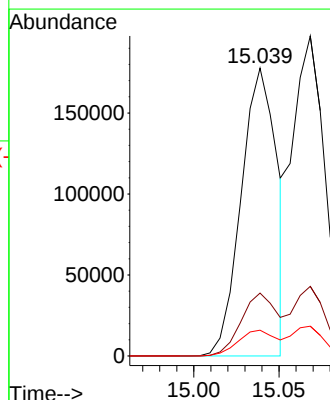
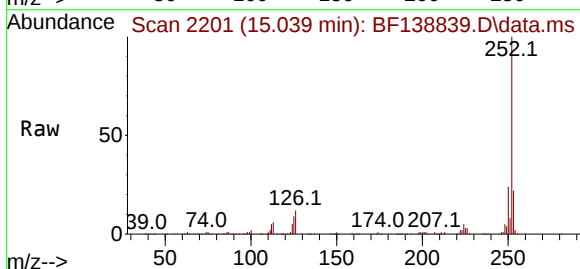
Tgt Ion:252 Resp: 259400

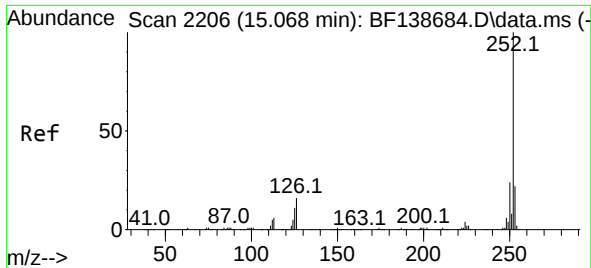
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.9 8.9 13.3

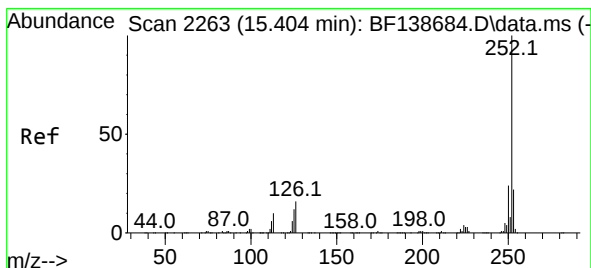
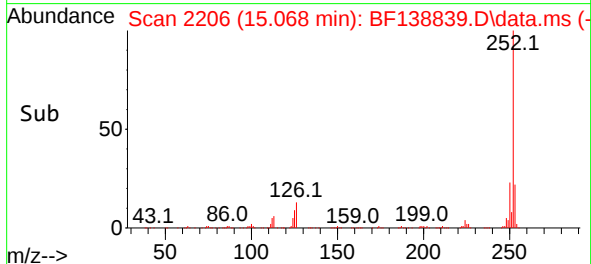
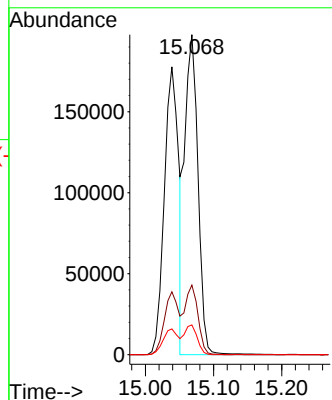
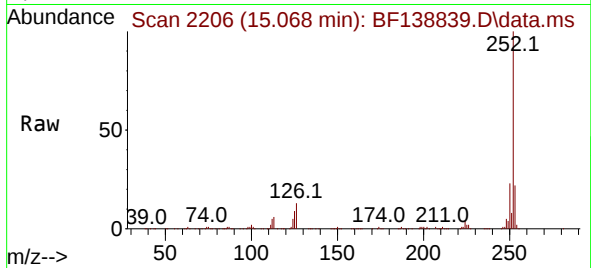




#89
Benzo(k)fluoranthene
Concen: 60.643 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

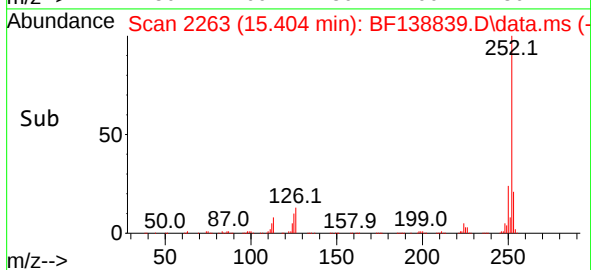
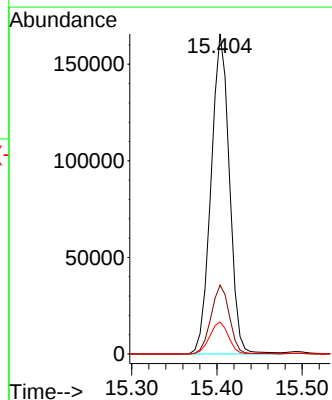
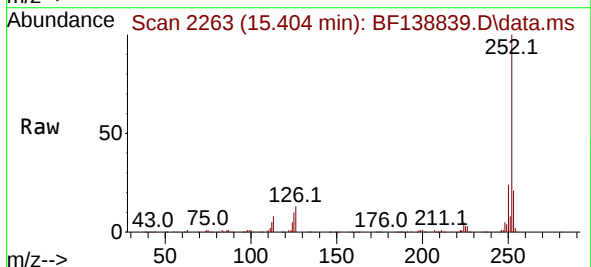
Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:252 Resp: 263997
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.3 8.6 13.0



#90
Benzo(a)pyrene
Concen: 58.683 ng
RT: 15.404 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:252 Resp: 248185
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 10.0 9.5 14.3

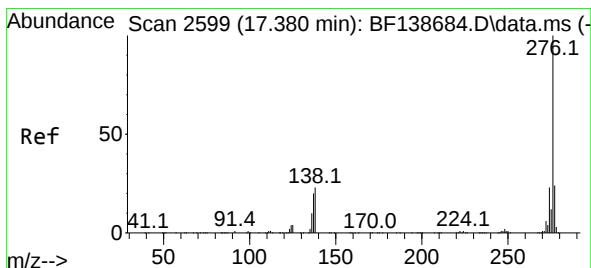
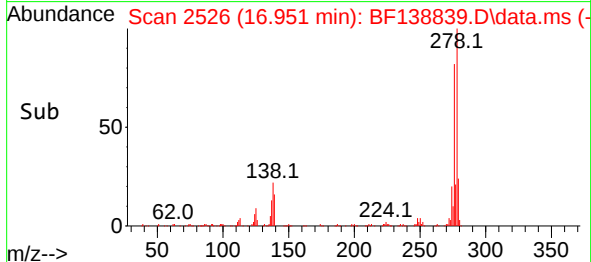
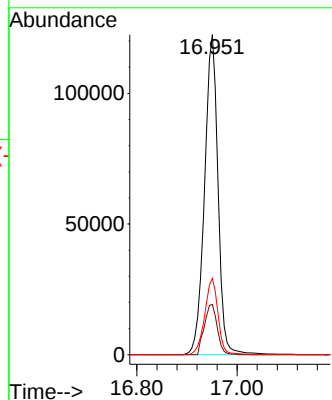
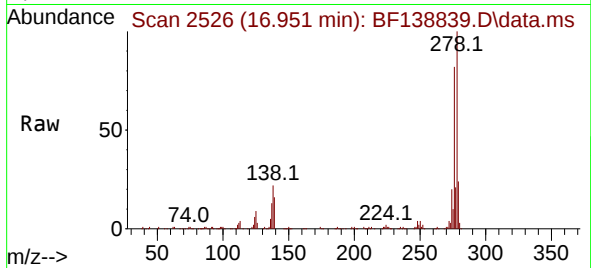




#91
Dibenzo(a,h)anthracene
Concen: 47.953 ng
RT: 16.951 min Scan# 2526
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Instrument :
BNA_F
ClientSampleId :
923-K1-WS-080124MSD

Tgt Ion:278 Resp: 228803
Ion Ratio Lower Upper
278 100
139 15.7 14.0 21.0
279 23.8 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 42.437 ng
RT: 17.380 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BF138839.D
Acq: 07 Aug 2024 13:35

Tgt Ion:276 Resp: 210118
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.4
138 19.6 18.5 27.7

