

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138894.D
 Acq On : 09 Aug 2024 18:05
 Operator : RC/JU
 Sample : P3460-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929MSD

Quant Time: Aug 09 18:35:51 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	44718	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	183325	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	94560	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	134163	20.000	ng	0.00
76) Chrysene-d12	14.004	240	78755	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	74009	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	282777	97.614	ng	0.01
7) Phenol-d6	6.487	99	368511	94.748	ng	0.00
23) Nitrobenzene-d5	7.410	82	246427	65.720	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	68680	88.668	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	452844	71.954	ng	0.00
79) Terphenyl-d14	12.939	244	318638	67.740	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	49355	38.915	ng	95
3) Pyridine	3.440	79	125813	40.951	ng	96
4) n-Nitrosodimethylamine	3.410	42	102674	56.112	ng	84
6) Aniline	6.504	93	100337	28.927	ng	# 1
8) 2-Chlorophenol	6.634	128	163400	53.611	ng	95
9) Benzaldehyde	6.399	77	6523	2.798	ng	98
10) Phenol	6.504	94	201404	49.182	ng	88
11) bis(2-Chloroethyl)ether	6.581	93	156914	49.794	ng	96
12) 1,3-Dichlorobenzene	6.781	146	166548	48.816	ng	97
13) 1,4-Dichlorobenzene	6.857	146	176456	51.250	ng	100
14) 1,2-Dichlorobenzene	7.010	146	164804	51.217	ng	100
15) Benzyl Alcohol	6.993	79	154052	54.955	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	264280	48.731	ng	55
17) 2-Methylphenol	7.104	107	128987	51.251	ng	# 88
18) Hexachloroethane	7.345	117	66905	51.623	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	128209	54.578	ng	99
20) 3+4-Methylphenols	7.263	107	171164	53.007	ng	# 74
22) Acetophenone	7.251	105	222196	49.501	ng	99
24) Nitrobenzene	7.428	77	186093	48.773	ng	99
25) Isophorone	7.669	82	331387	51.758	ng	99
26) 2-Nitrophenol	7.745	139	85419	52.035	ng	94
27) 2,4-Dimethylphenol	7.781	122	108934	55.463	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	198250	50.846	ng	99
29) 2,4-Dichlorophenol	7.987	162	131400	52.064	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	145207	49.856	ng	98
31) Naphthalene	8.145	128	477459	49.479	ng	99
32) Benzoic acid	7.904	122	16884	10.936	ng	95
33) 4-Chloroaniline	8.198	127	59797	18.461	ng	98
34) Hexachlorobutadiene	8.251	225	91661	51.959	ng	99
35) Caprolactam	8.581	113	22185	29.459	ng	94
36) 4-Chloro-3-methylphenol	8.692	107	150446	52.160	ng	98
37) 2-Methylnaphthalene	8.834	142	311259	51.074	ng	99
38) 1-Methylnaphthalene	8.934	142	284820	47.694	ng	98
40) 1,2,4,5-Tetrachloroben...	8.998	216	133209	50.712	ng	99
41) Hexachlorocyclopentadiene	8.981	237	67758	95.936	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	82897	51.760	ng	99

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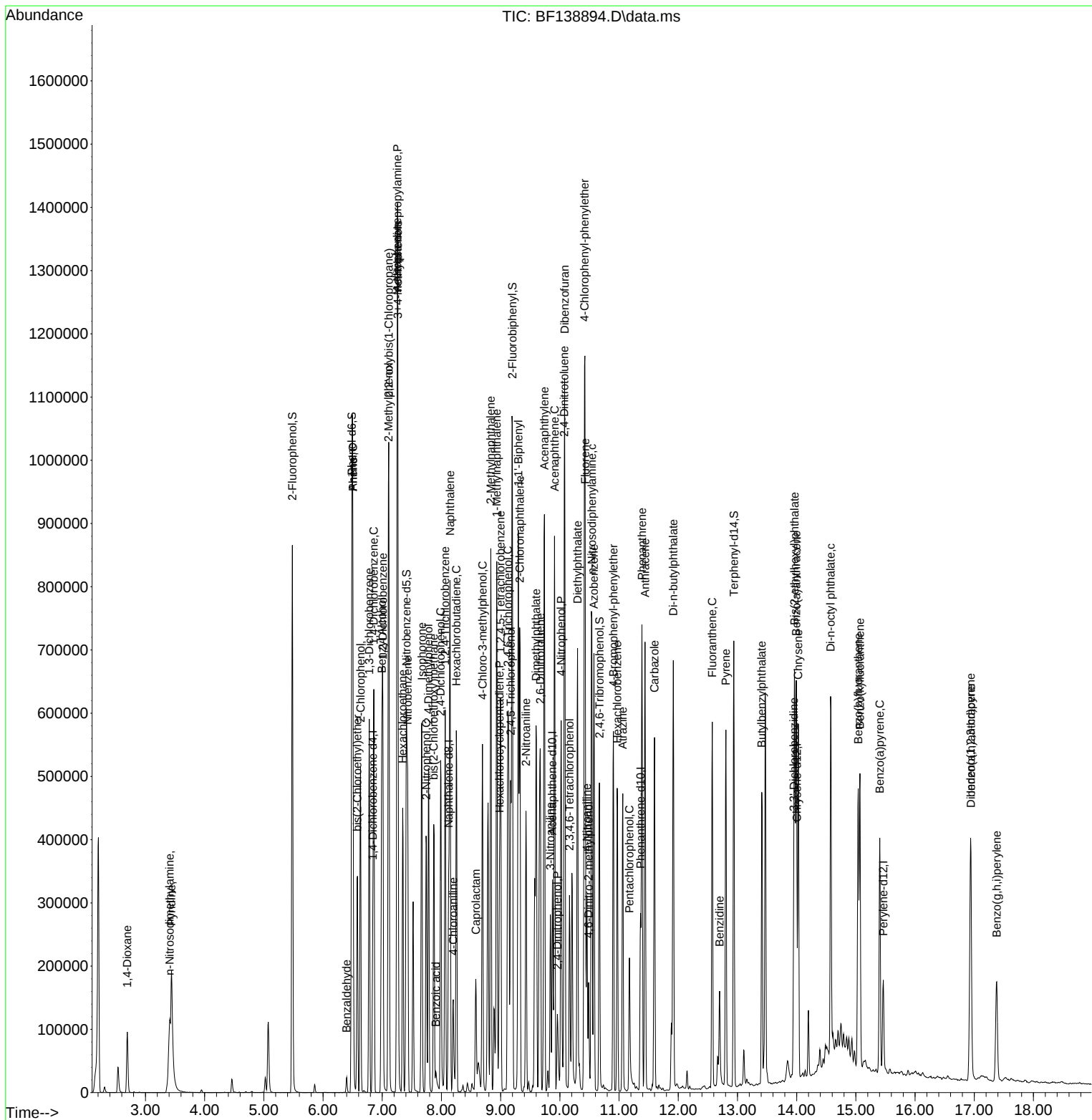
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	88105	50.321	ng	98
46) 1,1'-Biphenyl	9.298	154	363365	49.065	ng	99
47) 2-Chloronaphthalene	9.322	162	287796	52.251	ng	100
48) 2-Nitroaniline	9.428	65	103139	55.236	ng	97
49) Acenaphthylene	9.739	152	432600	55.377	ng	99
50) Dimethylphthalate	9.598	163	351576	58.147	ng	99
51) 2,6-Dinitrotoluene	9.669	165	73589	53.930	ng	90
52) Acenaphthene	9.910	154	259007	49.323	ng	98
53) 3-Nitroaniline	9.839	138	50483	35.788	ng	99
54) 2,4-Dinitrophenol	9.957	184	19701	31.364	ng	88
55) Dibenzofuran	10.081	168	388171	52.365	ng	98
56) 4-Nitrophenol	10.022	139	67057	79.051	ng	90
57) 2,4-Dinitrotoluene	10.075	165	96219	55.269	ng	# 85
58) Fluorene	10.428	166	305947	51.829	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	52110	38.930	ng	97
60) Diethylphthalate	10.298	149	338997	59.132	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	154361	53.169	ng	98
62) 4-Nitroaniline	10.457	138	63014	47.007	ng	90
63) Azobenzene	10.575	77	327024	51.432	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	28134	34.372	ng	95
66) n-Nitrosodiphenylamine	10.539	169	260513	62.121	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	83392	57.410	ng	98
68) Hexachlorobenzene	10.969	284	83772	55.856	ng	99
69) Atrazine	11.063	200	75059	69.373	ng	97
70) Pentachlorophenol	11.175	266	38523	56.985	ng	99
71) Phenanthrene	11.386	178	374399	54.195	ng	100
72) Anthracene	11.439	178	373025	54.811	ng	99
73) Carbazole	11.598	167	298677	50.868	ng	99
74) Di-n-butylphthalate	11.916	149	437586	66.295	ng	100
75) Fluoranthene	12.575	202	314850	48.819	ng	98
77) Benzidine	12.698	184	76954	40.853	ng	99
78) Pyrene	12.804	202	312107	42.091	ng	99
80) Butylbenzylphthalate	13.410	149	140065	58.987	ng	100
81) Benzo(a)anthracene	13.992	228	288684	53.231	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	58200	41.936	ng	98
83) Chrysene	14.027	228	254129	51.939	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	207133	59.571	ng	98
85) Di-n-octyl phthalate	14.574	149	378547	58.843	ng	97
87) Indeno(1,2,3-cd)pyrene	16.939	276	199852	37.681	ng	96
88) Benzo(b)fluoranthene	15.039	252	258920	56.436	ng	97
89) Benzo(k)fluoranthene	15.069	252	240604	60.572	ng	98
90) Benzo(a)pyrene	15.404	252	217059	56.247	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	158652	36.441	ng	97
92) Benzo(g,h,i)perylene	17.380	276	141685	31.361	ng	97

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

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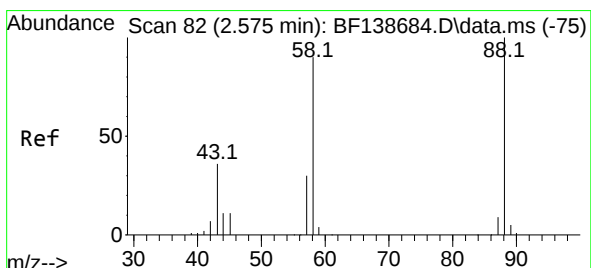
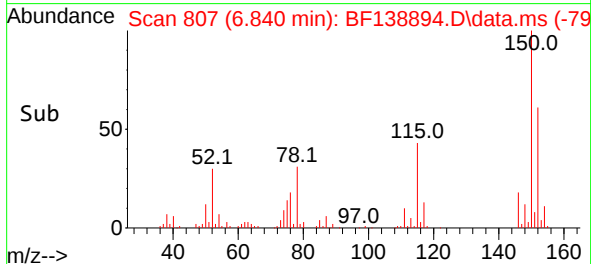
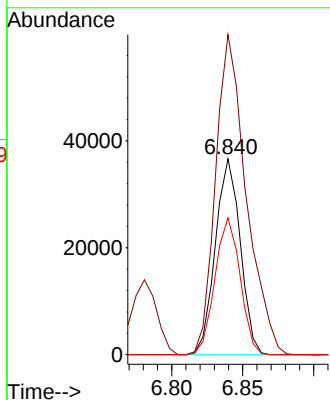
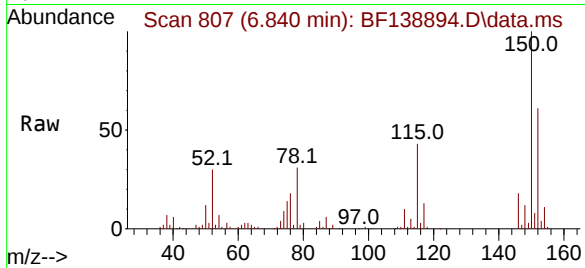




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.840 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

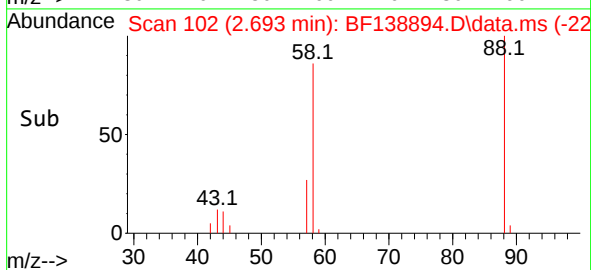
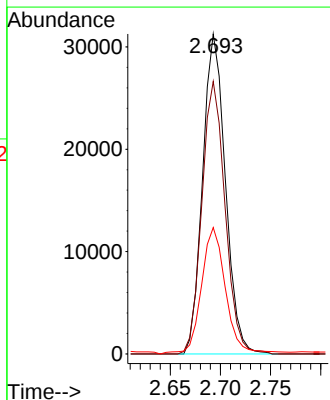
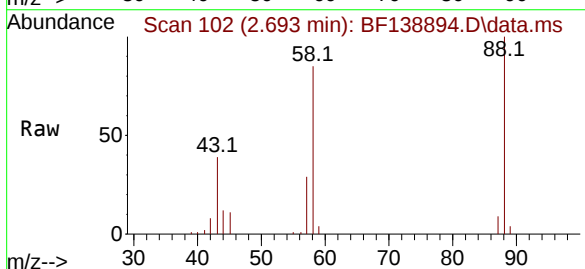
Instrument :
 BNA_F
 ClientSampleId :
 72-11929MSD

Tgt Ion:152 Resp: 44718
 Ion Ratio Lower Upper
 152 100
 150 163.4 126.0 189.0
 115 69.9 51.7 77.5



#2
 1,4-Dioxane
 Concen: 38.915 ng
 RT: 2.693 min Scan# 102
 Delta R.T. 0.118 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

Tgt Ion: 88 Resp: 49355
 Ion Ratio Lower Upper
 88 100
 58 86.9 71.6 107.4
 43 42.2 28.7 43.1





#3

Pyridine

Concen: 40.951 ng

RT: 3.440 min Scan# 211

Delta R.T. 0.106 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

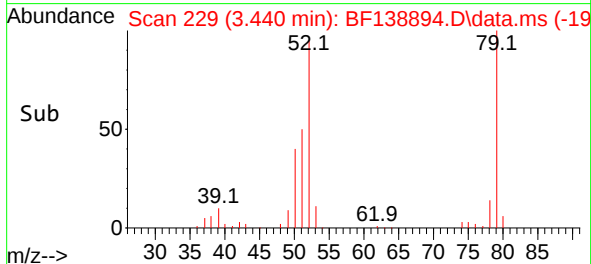
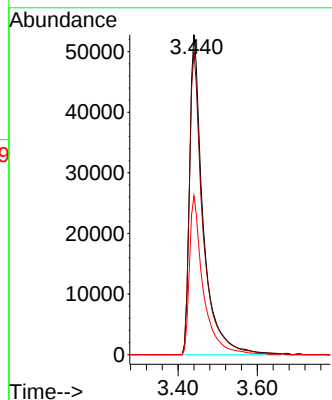
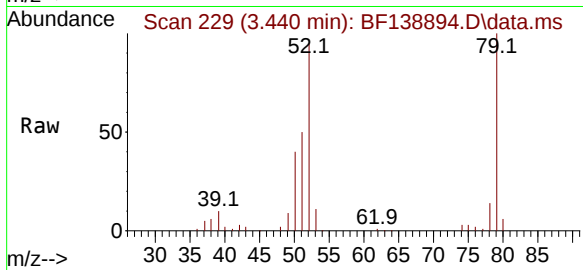
Tgt Ion: 79 Resp: 125813

Ion Ratio Lower Upper

79 100

52 94.8 74.7 112.1

51 49.6 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 56.112 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.124 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

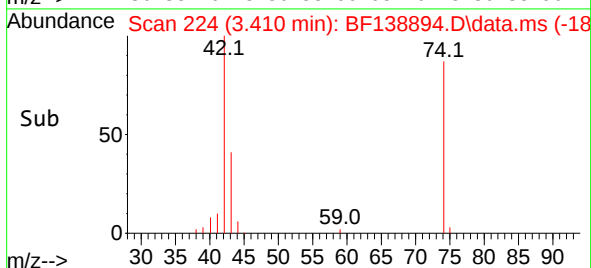
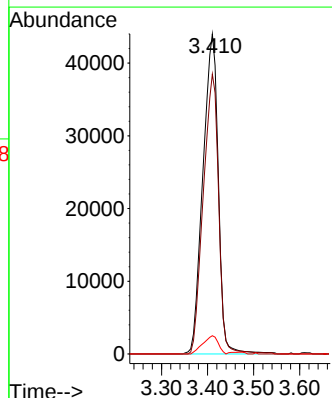
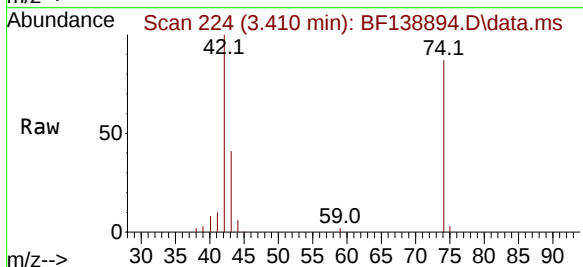
Tgt Ion: 42 Resp: 102674

Ion Ratio Lower Upper

42 100

74 87.5 84.2 126.4

44 5.7 4.9 7.3

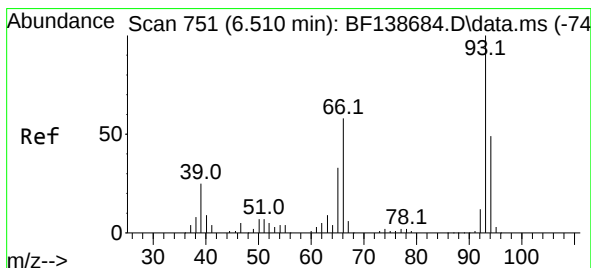
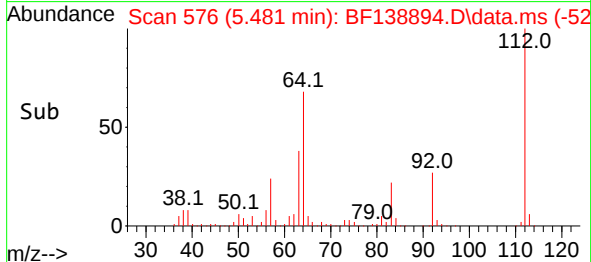
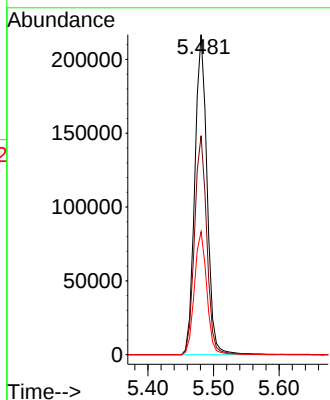
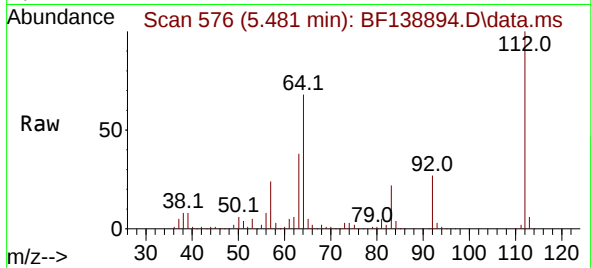




#5
2-Fluorophenol
Concen: 97.614 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

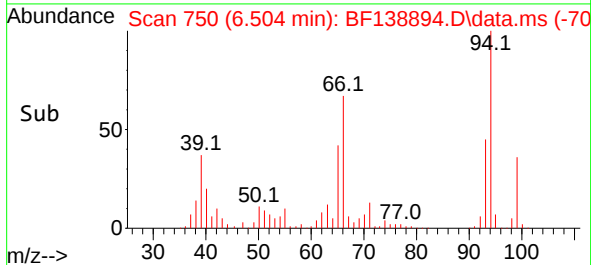
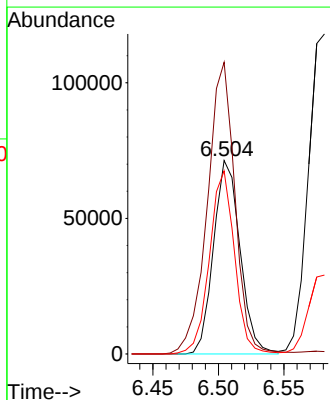
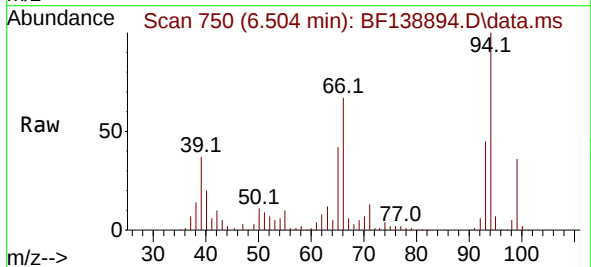
Instrument :
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72-11929MSD

Tgt Ion:112 Resp: 282777
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 38.5 28.7 43.1



#6
Aniline
Concen: 28.927 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 93 Resp: 100337
Ion Ratio Lower Upper
93 100
66 150.8 46.9 70.3#
65 94.7 26.5 39.7#

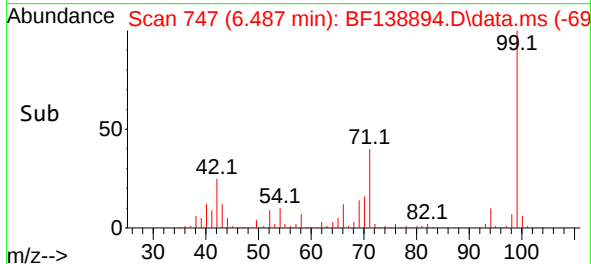
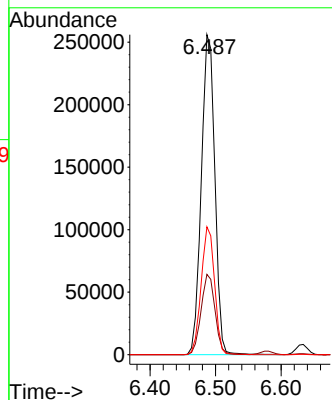
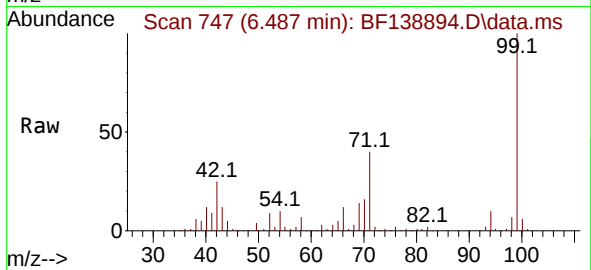




#7
Phenol-d6
Concen: 94.748 ng
RT: 6.487 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

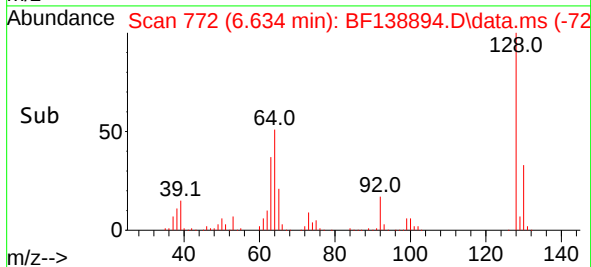
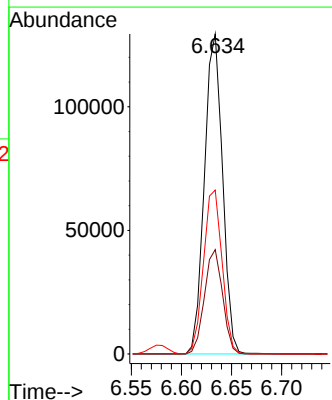
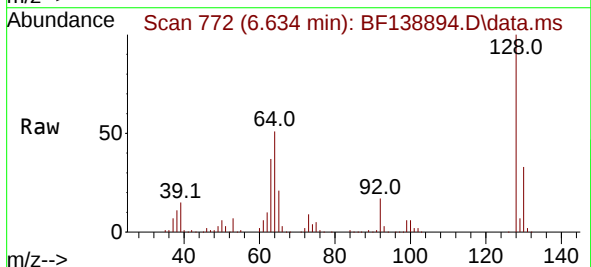
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion: 99 Resp: 368511
Ion Ratio Lower Upper
99 100
42 25.1 17.4 26.0
71 39.9 28.1 42.1



#8
2-Chlorophenol
Concen: 53.611 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:128 Resp: 163400
Ion Ratio Lower Upper
128 100
130 32.6 12.0 52.0
64 51.2 36.3 76.3





#9

Benzaldehyde

Concen: 2.798 ng

RT: 6.399 min Scan# 71

Delta R.T. 0.001 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

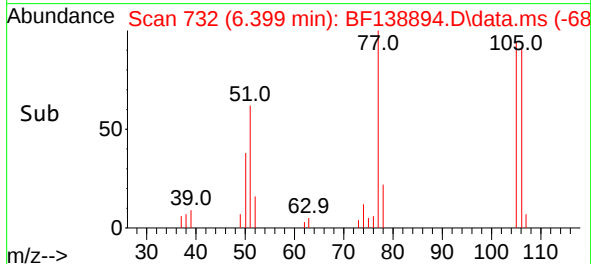
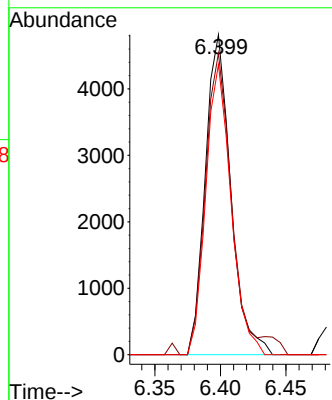
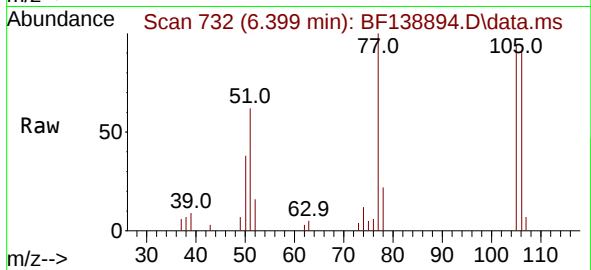
Tgt Ion: 77 Resp: 6523

Ion Ratio Lower Upper

77 100

105 94.3 72.9 112.9

106 90.6 68.4 108.4



#10

Phenol

Concen: 49.182 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

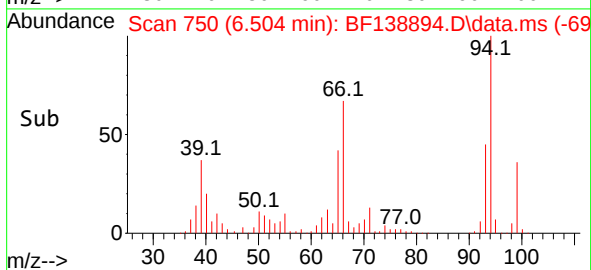
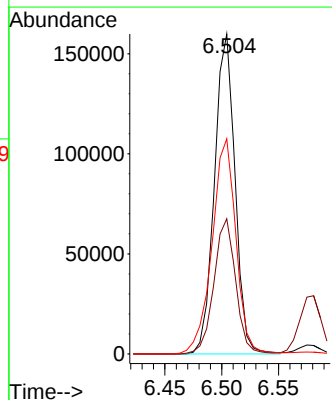
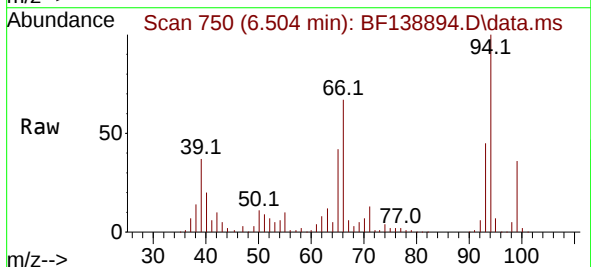
Tgt Ion: 94 Resp: 201404

Ion Ratio Lower Upper

94 100

65 42.2 16.9 56.9

66 67.3 36.5 76.5

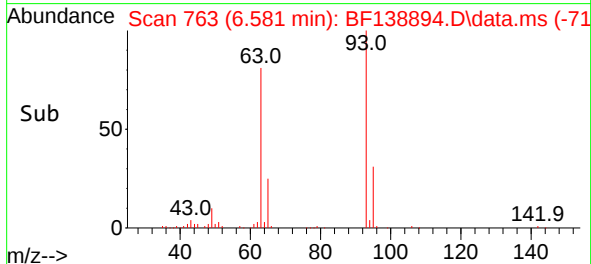
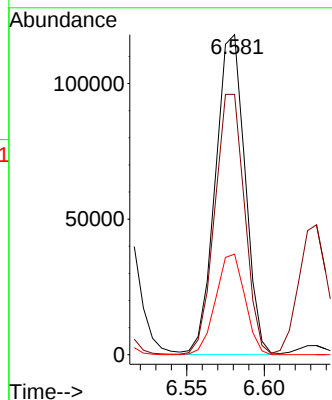
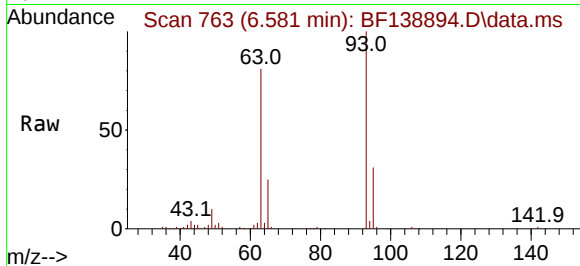




#11
bis(2-Chloroethyl)ether
Concen: 49.794 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

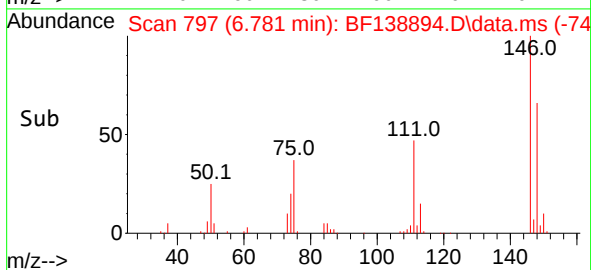
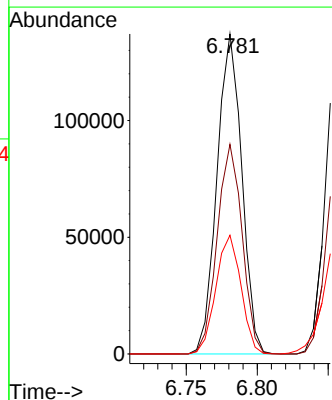
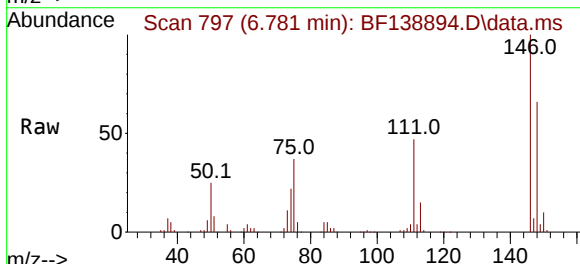
Instrument :
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Tgt Ion: 93 Resp: 156914
Ion Ratio Lower Upper
93 100
63 81.3 65.3 105.3
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 48.816 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 146 Resp: 166548
Ion Ratio Lower Upper
146 100
148 65.5 51.2 76.8
75 37.1 27.4 41.2

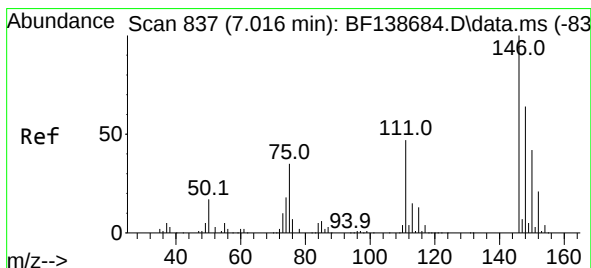
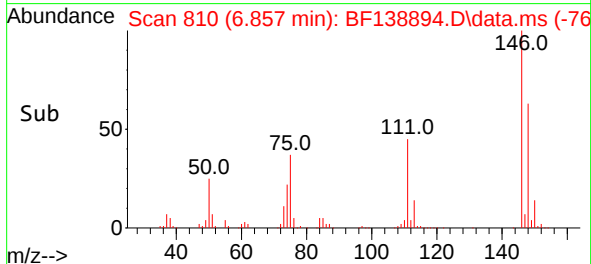
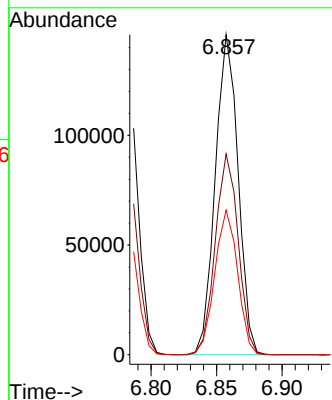
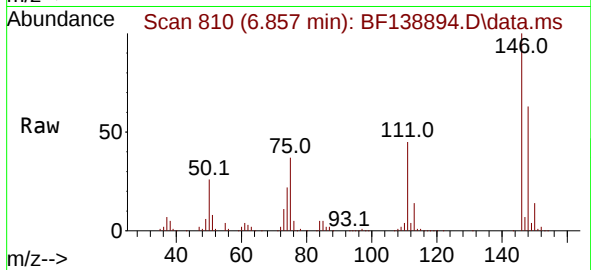




#13
1,4-Dichlorobenzene
Concen: 51.250 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

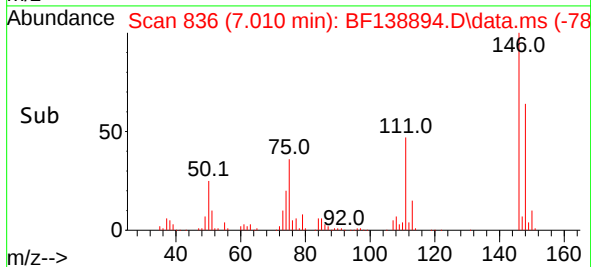
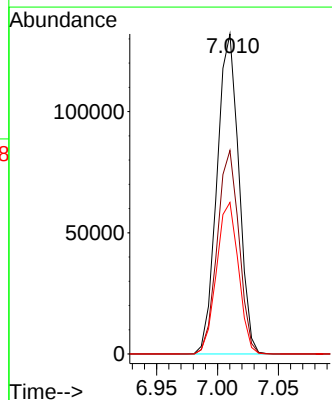
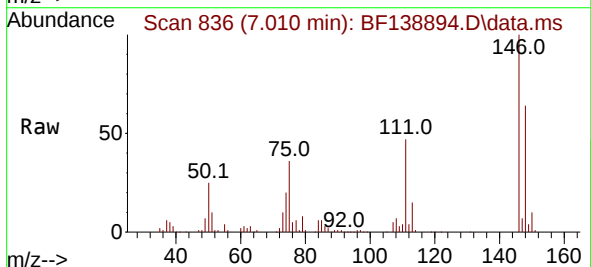
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:146 Resp: 176456
Ion Ratio Lower Upper
146 100
148 62.7 50.2 75.2
111 45.2 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 51.217 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:146 Resp: 164804
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 47.4 37.4 56.2

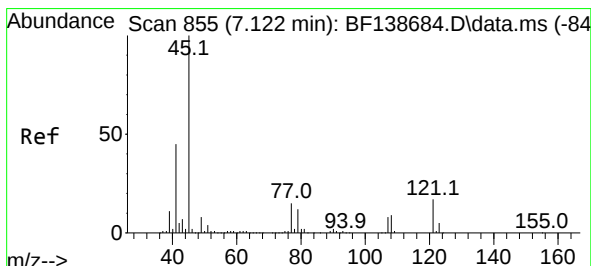
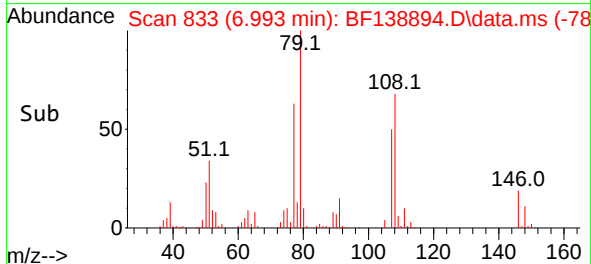
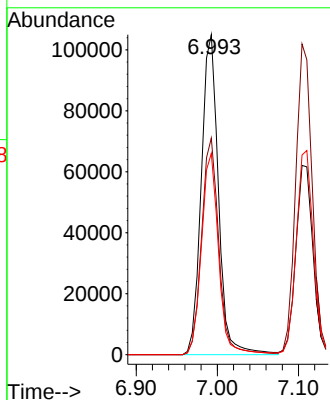
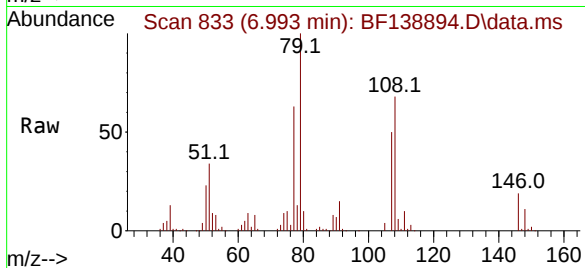




#15
Benzyl Alcohol
Concen: 54.955 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

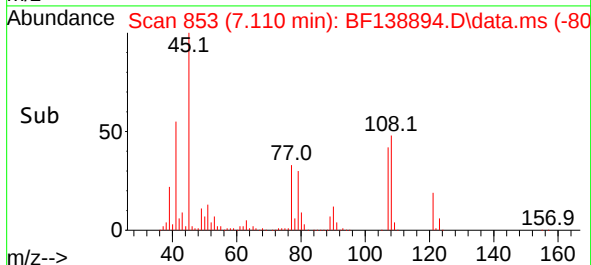
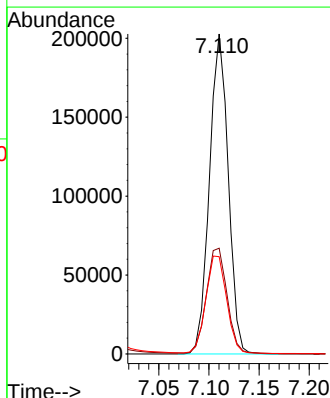
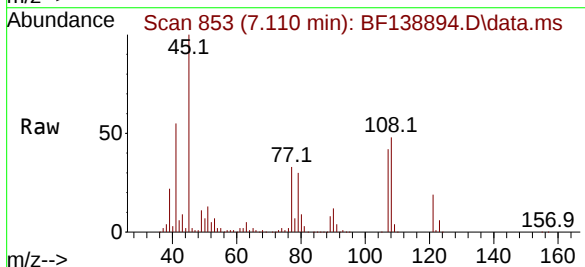
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

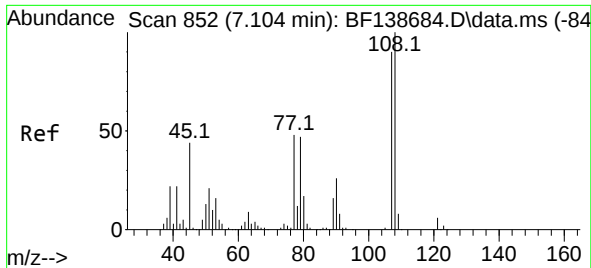
Tgt Ion: 79 Resp: 154052
Ion Ratio Lower Upper
79 100
108 67.7 56.6 85.0
77 62.9 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.731 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 45 Resp: 264280
Ion Ratio Lower Upper
45 100
77 33.0 0.0 34.9
79 30.4 0.0 32.2

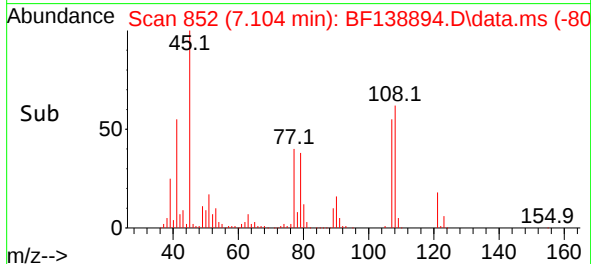
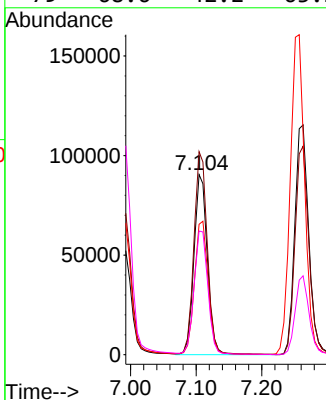
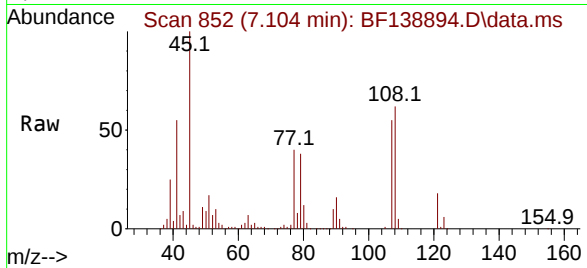




#17
2-Methylphenol
Concen: 51.251 ng
RT: 7.104 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

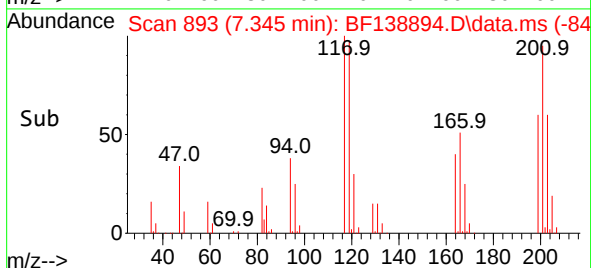
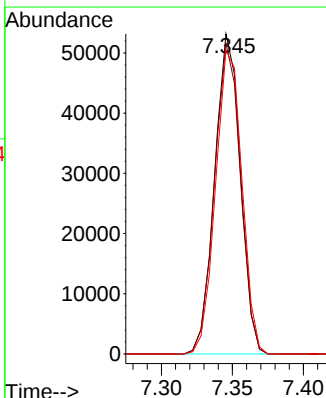
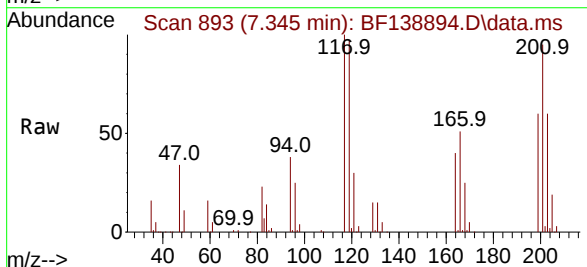
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:107 Resp: 128987
Ion Ratio Lower Upper
107 100
108 112.7 89.2 133.8
77 72.4 43.0 64.4#
79 68.6 42.2 63.2#



#18
Hexachloroethane
Concen: 51.623 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:117 Resp: 66905
Ion Ratio Lower Upper
117 100
119 97.1 74.6 111.8
201 95.0 77.2 115.8



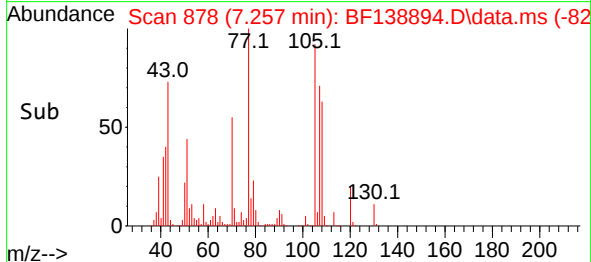
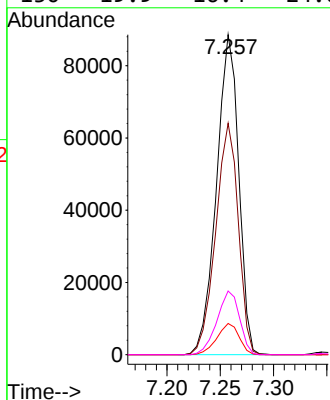
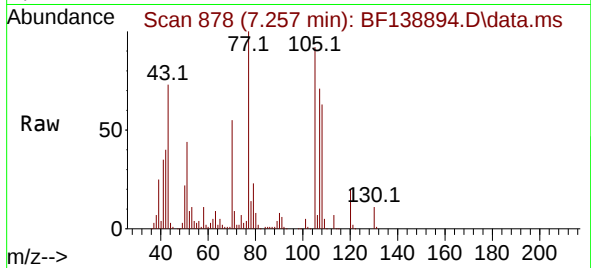


#19
n-Nitroso-di-n-propylamine
Concen: 54.578 ng
RT: 7.257 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion: 70 Resp: 128209

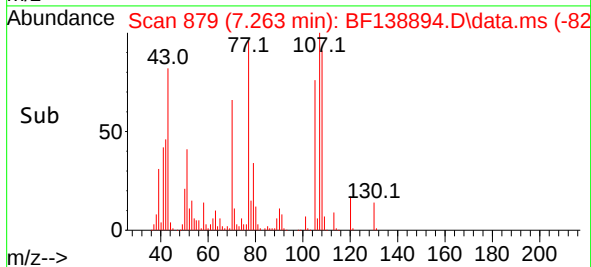
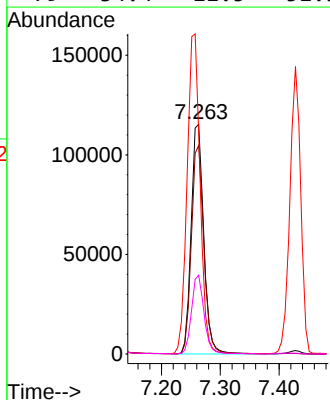
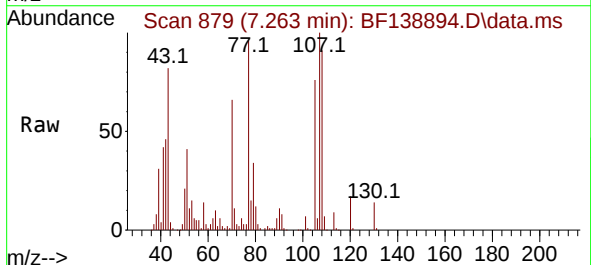
Ion	Ratio	Lower	Upper
70	100		
42	72.3	57.4	86.0
101	9.8	7.5	11.3
130	19.9	16.4	24.6

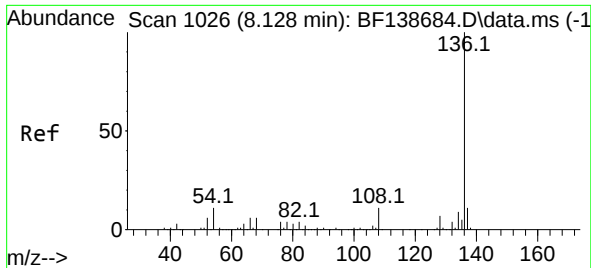


#20
3+4-Methylphenols
Concen: 53.007 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 107 Resp: 171164

Ion	Ratio	Lower	Upper
107	100		
108	90.8	68.2	108.2
77	96.3	132.1	172.1#
79	34.4	11.5	51.5

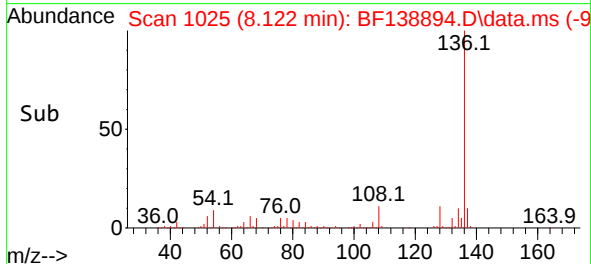
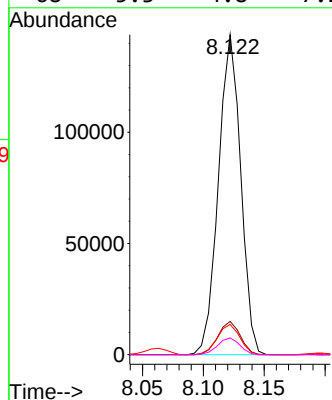
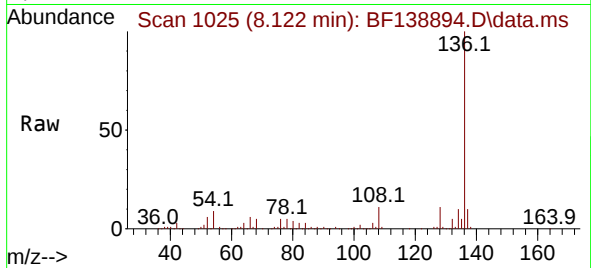




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

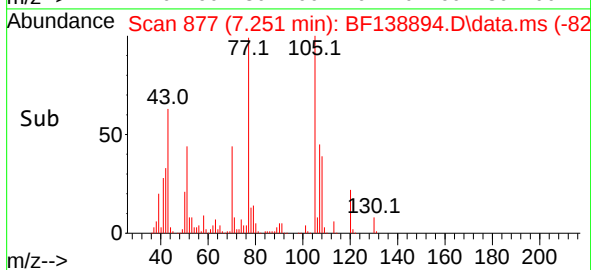
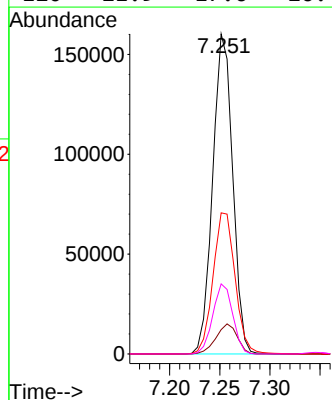
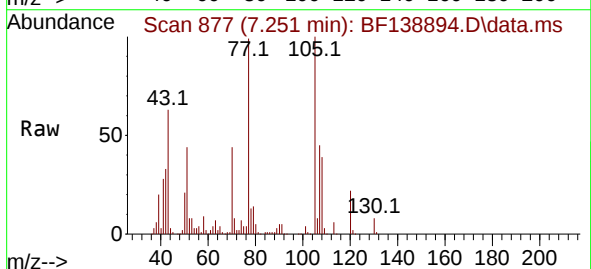
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:	136	Resp:	183325
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	9.4	8.6	12.8
68	5.3	4.8	7.2



#22
Acetophenone
Concen: 49.501 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:	105	Resp:	222196
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.2	10.8
51	44.1	35.9	53.9
120	21.9	17.6	26.4





#23

Nitrobenzene-d5

Concen: 65.720 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

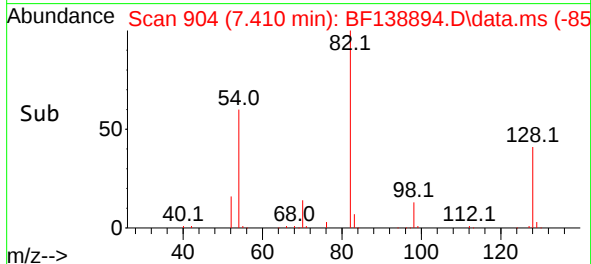
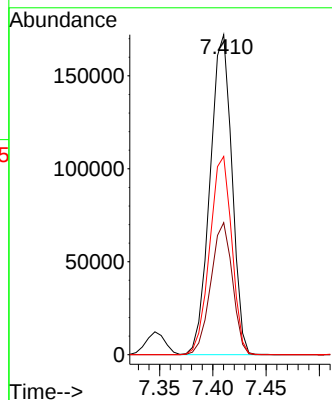
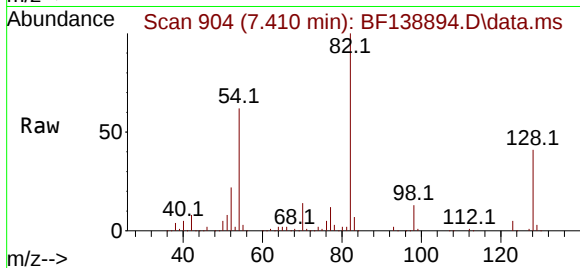
Tgt Ion: 82 Resp: 246427

Ion Ratio Lower Upper

82 100

128 41.3 32.8 49.2

54 61.9 48.3 72.5



#24

Nitrobenzene

Concen: 48.773 ng

RT: 7.428 min Scan# 907

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

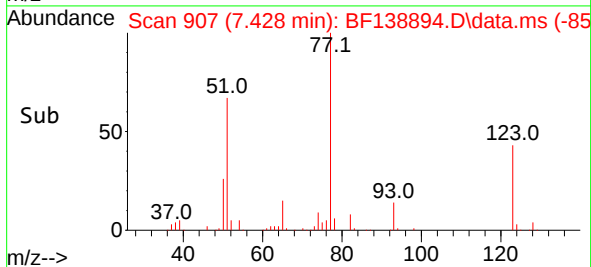
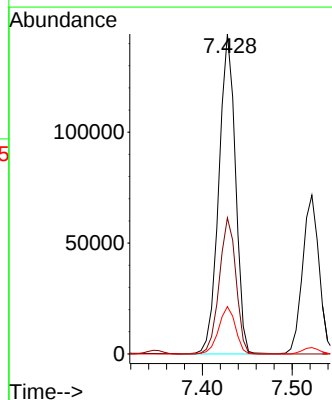
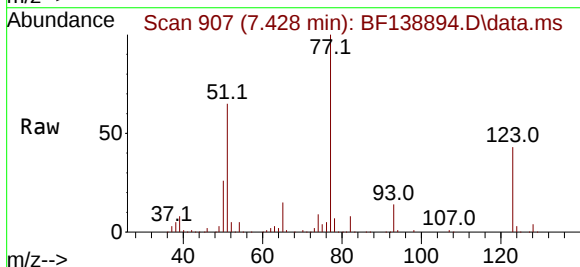
Tgt Ion: 77 Resp: 186093

Ion Ratio Lower Upper

77 100

123 42.6 33.3 49.9

65 14.8 11.9 17.9

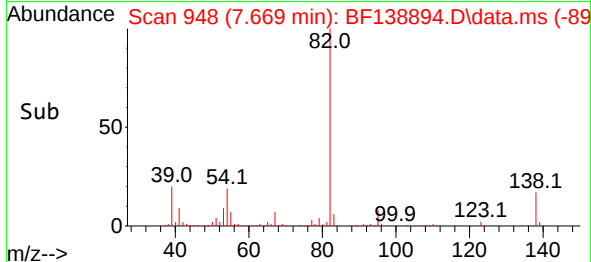
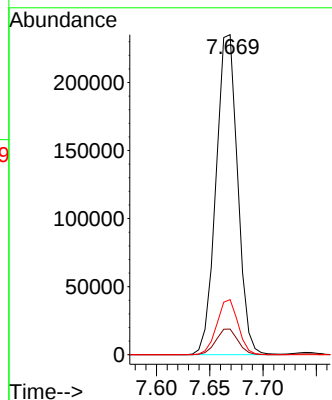
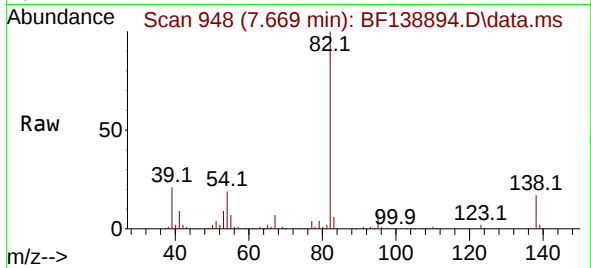




#25
Isophorone
Concen: 51.758 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

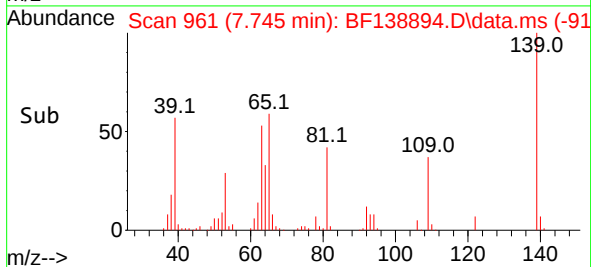
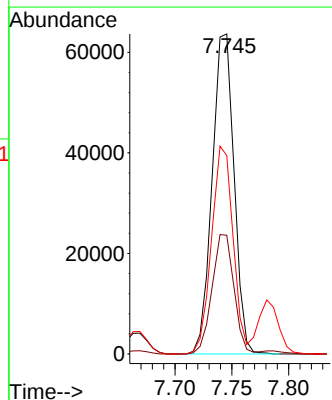
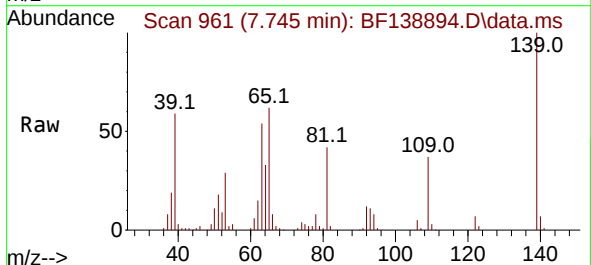
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

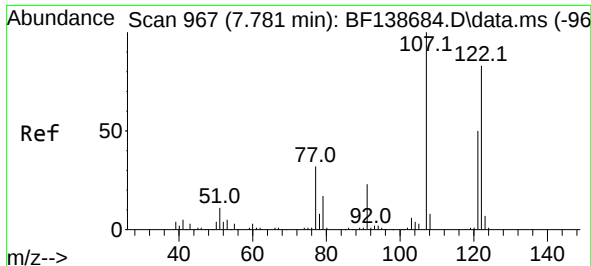
Tgt Ion: 82 Resp: 331387
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 17.2 13.7 20.5



#26
2-Nitrophenol
Concen: 52.035 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 139 Resp: 85419
Ion Ratio Lower Upper
139 100
109 37.1 25.9 38.9
65 62.0 47.0 70.6

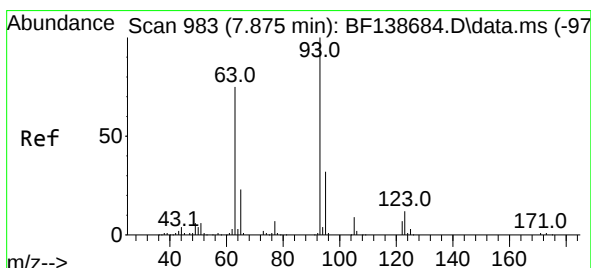
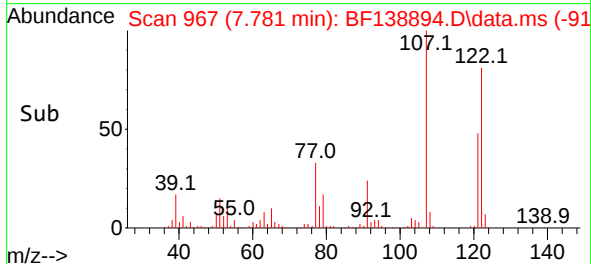
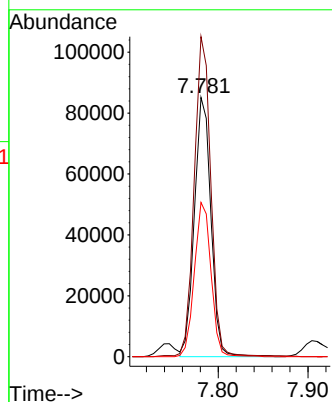
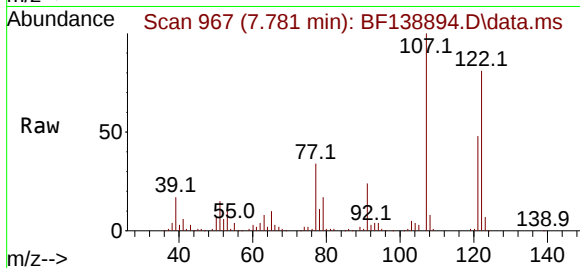




#27
2,4-Dimethylphenol
Concen: 55.463 ng
RT: 7.781 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

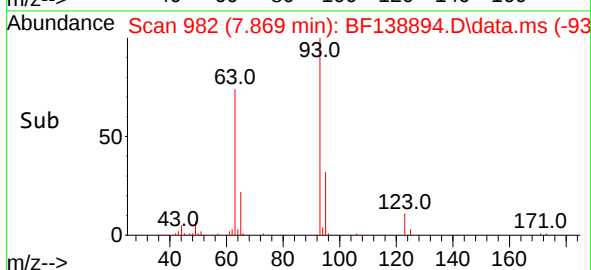
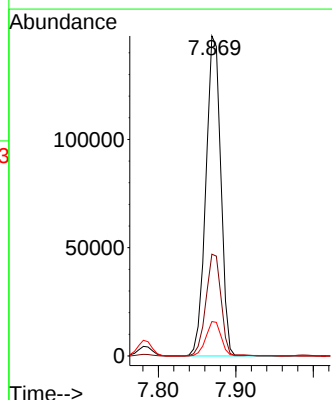
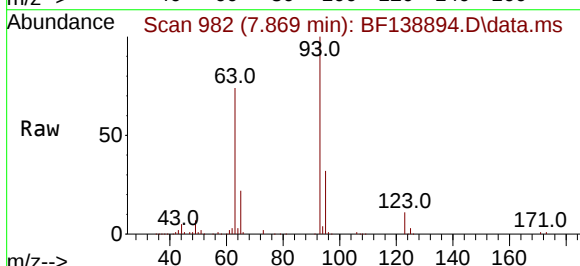
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:122 Resp: 108934
Ion Ratio Lower Upper
122 100
107 123.4 95.0 142.6
121 59.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 50.846 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 93 Resp: 198250
Ion Ratio Lower Upper
93 100
95 31.8 25.8 38.8
123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 52.064 ng

RT: 7.987 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

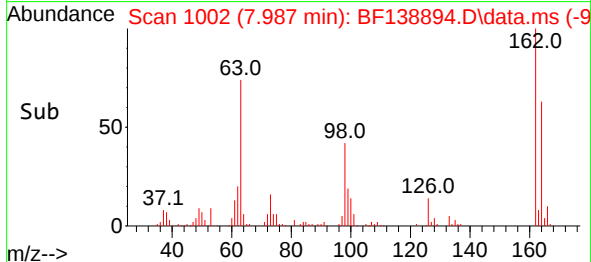
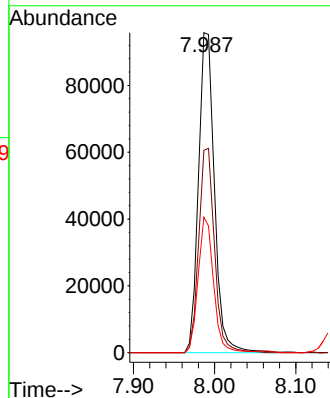
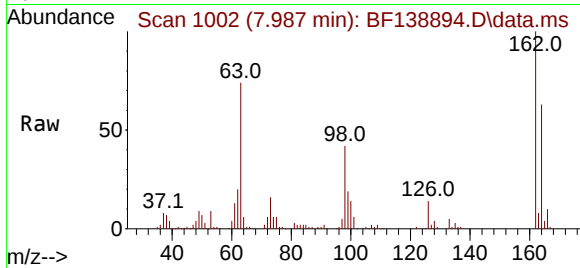
Tgt Ion:162 Resp: 131400

Ion Ratio Lower Upper

162 100

164 63.3 44.7 84.7

98 42.4 20.8 60.8



#30

1,2,4-Trichlorobenzene

Concen: 49.856 ng

RT: 8.063 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

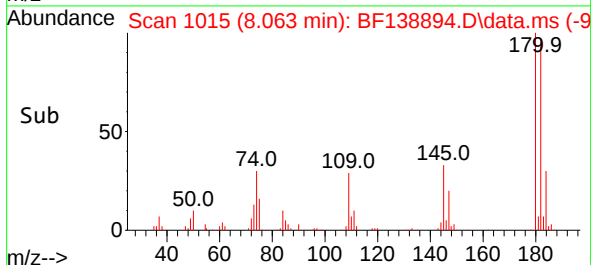
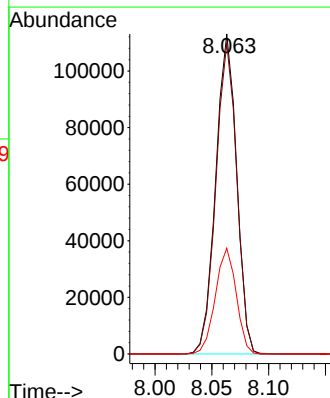
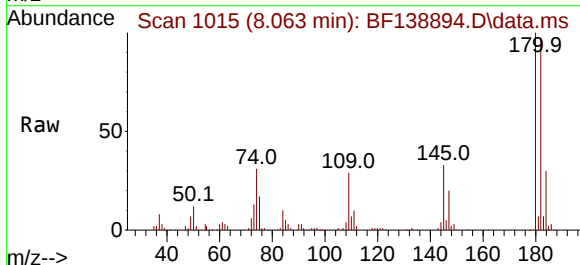
Tgt Ion:180 Resp: 145207

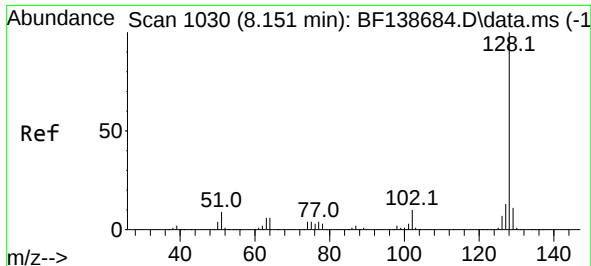
Ion Ratio Lower Upper

180 100

182 97.0 76.9 115.3

145 33.0 25.0 37.4

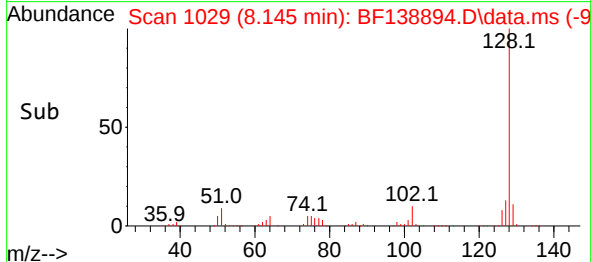
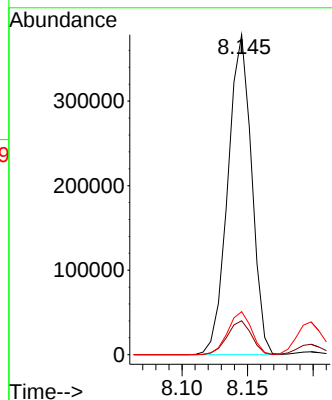
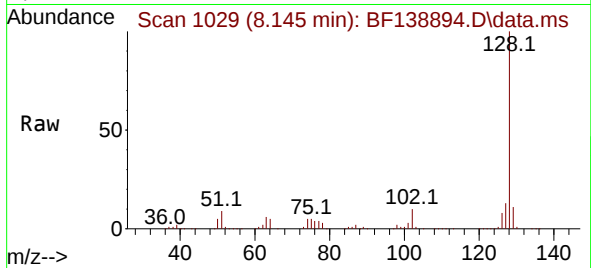




#31
Naphthalene
Concen: 49.479 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

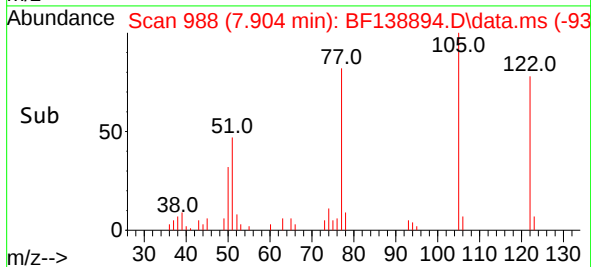
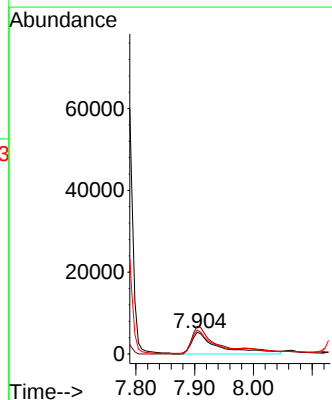
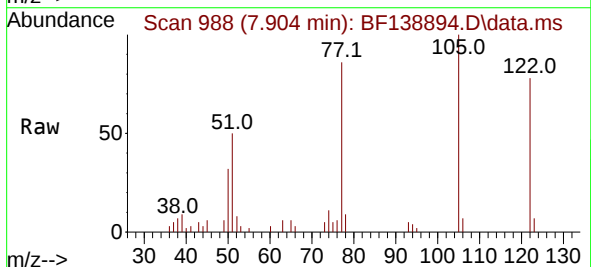
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:128 Resp: 477459
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 10.936 ng
RT: 7.904 min Scan# 988
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:122 Resp: 16884
Ion Ratio Lower Upper
122 100
105 128.8 106.7 146.7
77 110.4 81.1 121.1

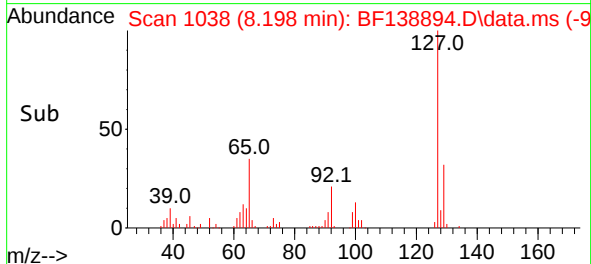
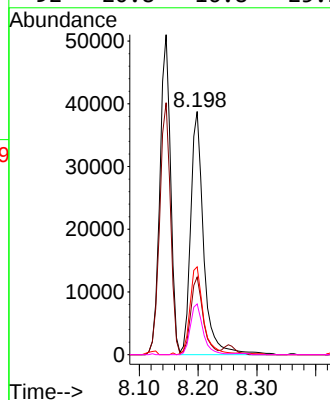
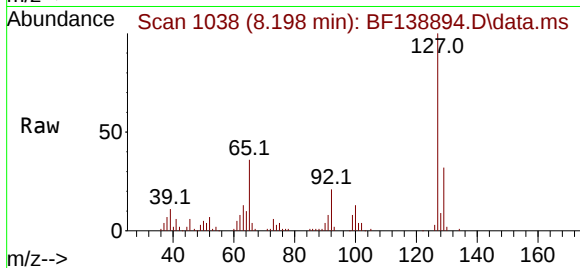




#33
4-Chloroaniline
Concen: 18.461 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

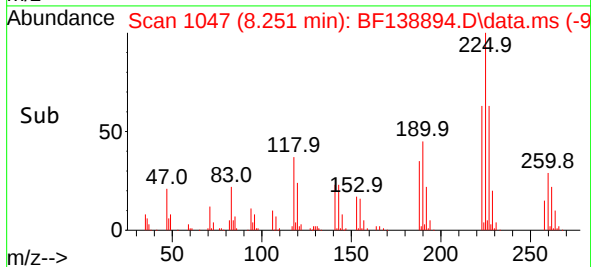
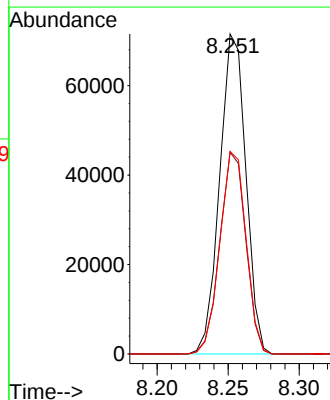
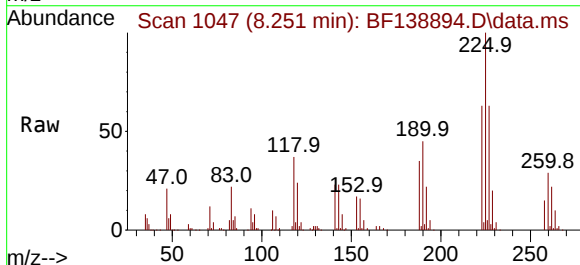
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:	127	Resp:	59797
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	36.1	27.6	41.4
92	20.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 51.959 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:	225	Resp:	91661
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.2	76.8
227	63.3	51.1	76.7

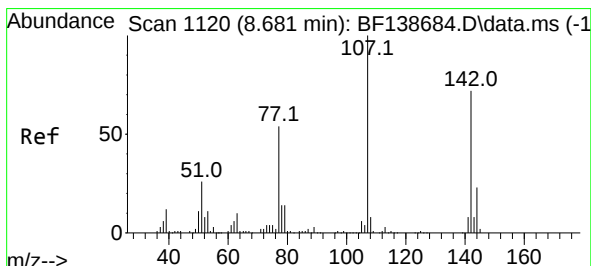
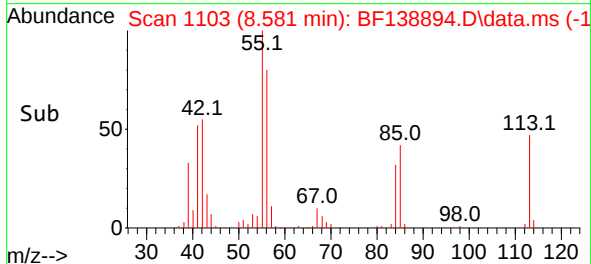
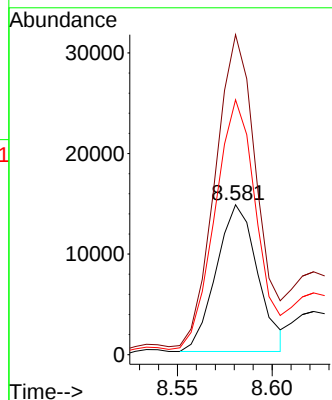
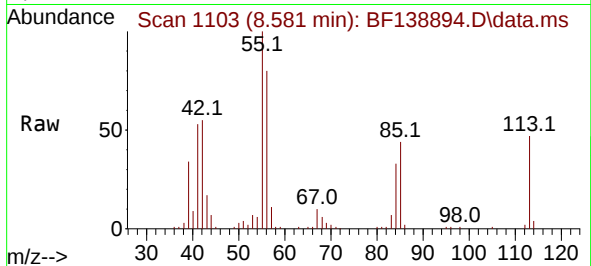




#35
 Caprolactam
 Concen: 29.459 ng
 RT: 8.581 min Scan# 1103
 Delta R.T. 0.012 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

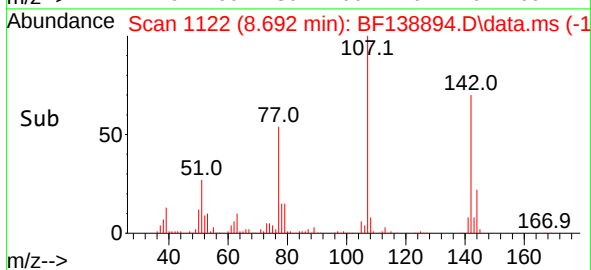
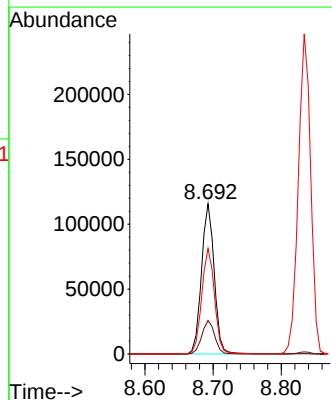
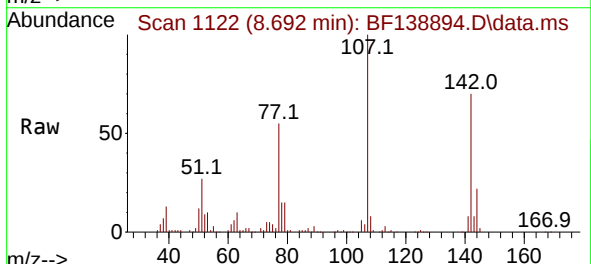
Instrument :
 BNA_F
 ClientSampleId :
 72-11929MSD

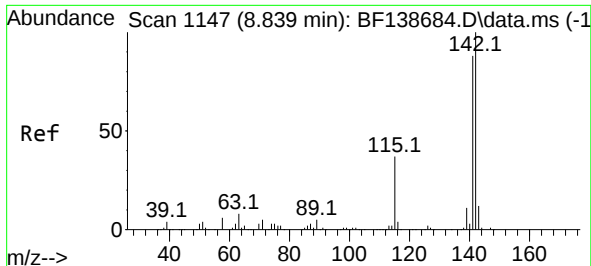
Tgt Ion:113 Resp: 22185
 Ion Ratio Lower Upper
 113 100
 55 213.5 186.7 226.7
 56 170.0 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.160 ng
 RT: 8.692 min Scan# 1122
 Delta R.T. 0.012 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

Tgt Ion:107 Resp: 150446
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.2 27.2
 142 70.3 57.4 86.2





#37

2-Methylnaphthalene

Concen: 51.074 ng

RT: 8.834 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

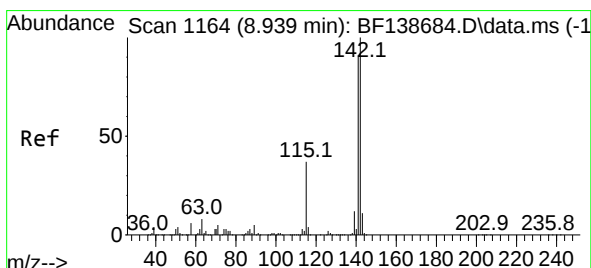
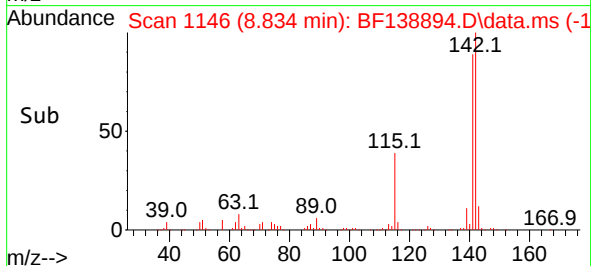
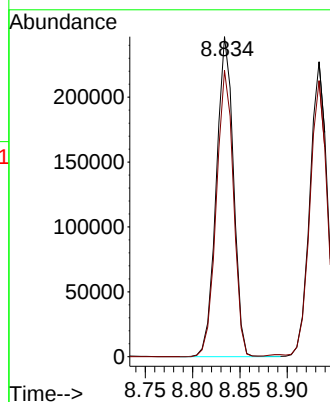
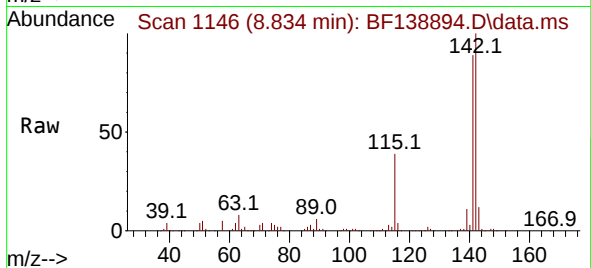
72-11929MSD

Tgt Ion:142 Resp: 311259

Ion Ratio Lower Upper

142 100

141 89.5 70.8 106.2



#38

1-Methylnaphthalene

Concen: 47.694 ng

RT: 8.934 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF138894.D

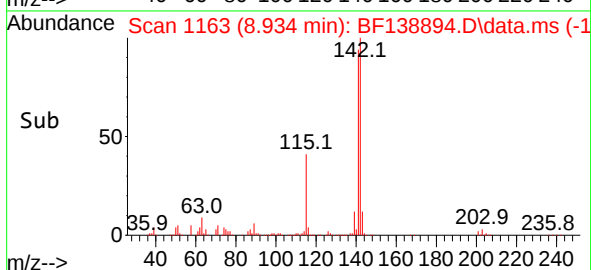
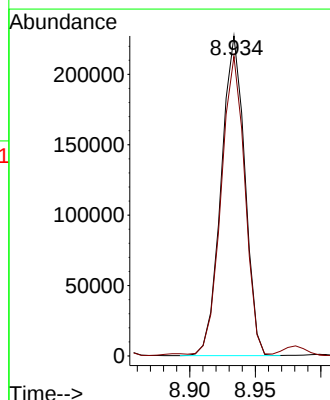
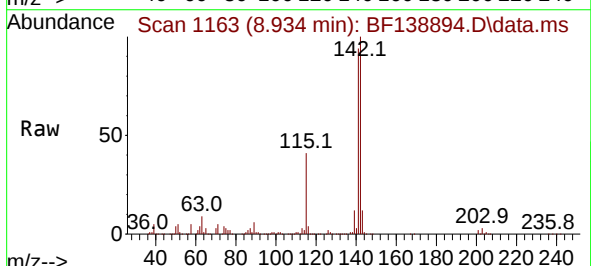
Acq: 09 Aug 2024 18:05

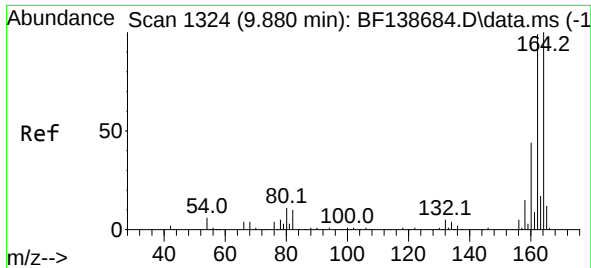
Tgt Ion:142 Resp: 284820

Ion Ratio Lower Upper

142 100

141 93.6 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1174

Delta R.T. -0.005 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

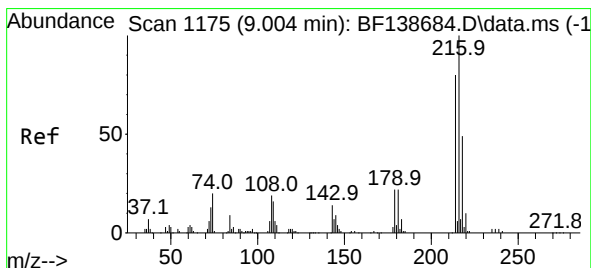
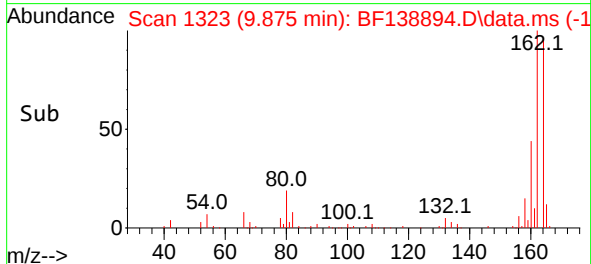
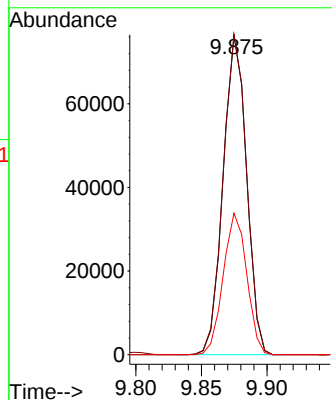
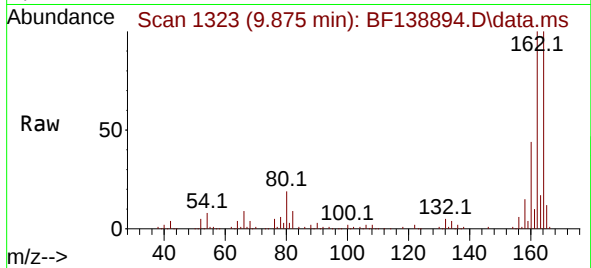
Tgt Ion:164 Resp: 94560

Ion Ratio Lower Upper

164 100

162 100.2 79.4 119.0

160 44.3 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.712 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Tgt Ion:216 Resp: 133209

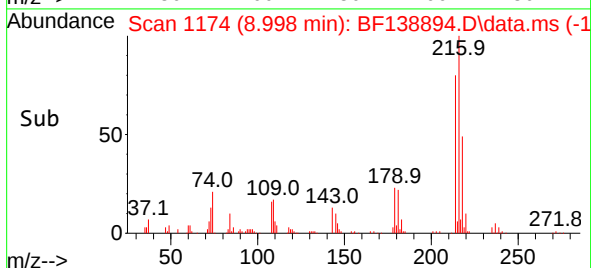
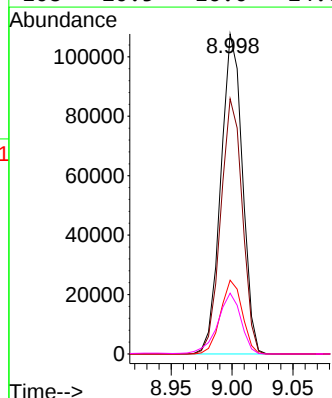
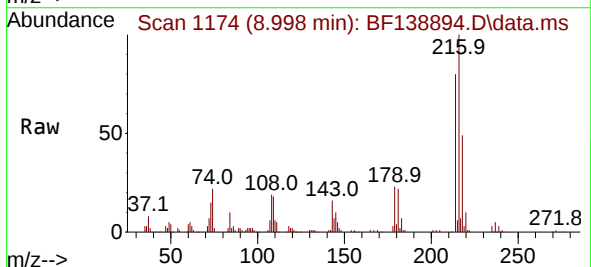
Ion Ratio Lower Upper

216 100

214 79.5 63.9 95.9

179 23.1 17.8 26.6

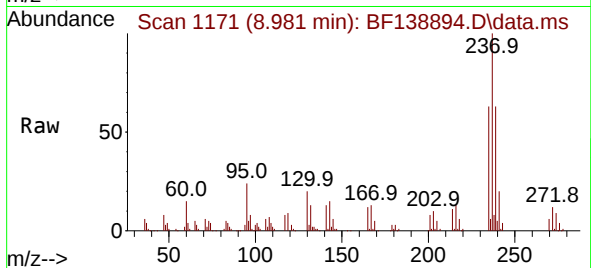
108 20.5 16.0 24.0



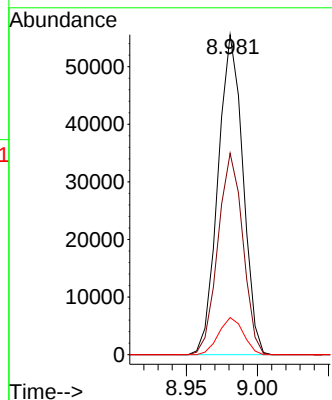
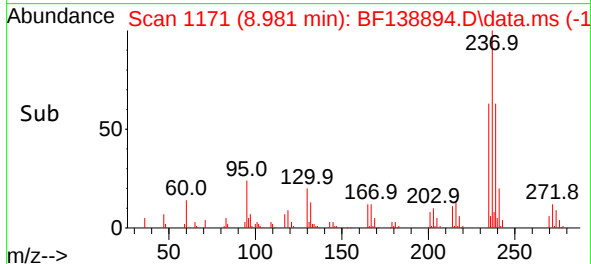


#41
Hexachlorocyclopentadiene
Concen: 95.936 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

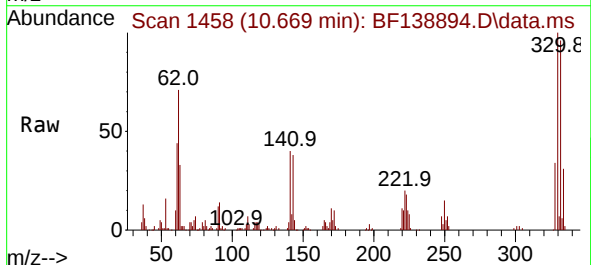
Instrument :
BNA_F
ClientSampleId :
72-11929MSD



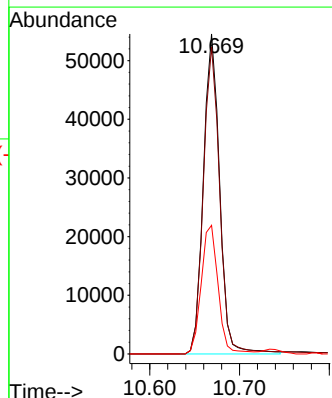
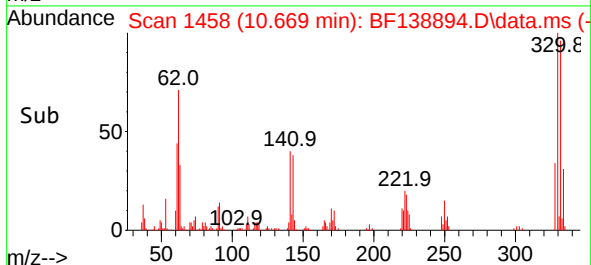
Tgt Ion:237 Resp: 67758
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 11.6 0.0 32.2

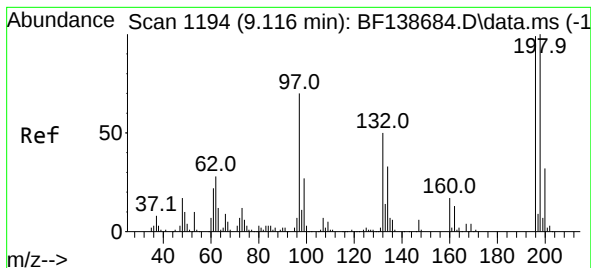


#42
2,4,6-Tribromophenol
Concen: 88.668 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05



Tgt Ion:330 Resp: 68680
Ion Ratio Lower Upper
330 100
332 97.6 76.4 114.6
141 41.8 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 51.760 ng

RT: 9.122 min Scan# 1194

Delta R.T. 0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

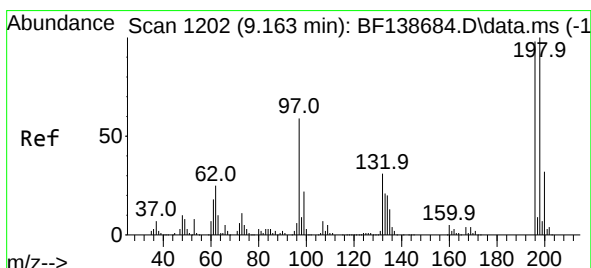
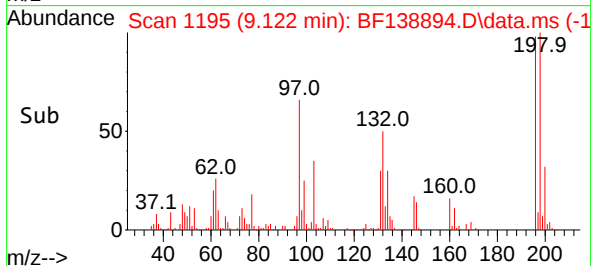
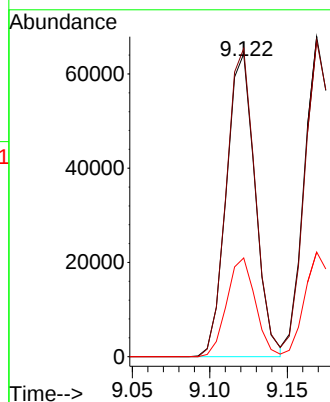
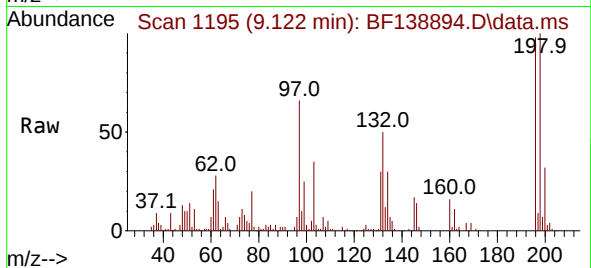
Tgt Ion:196 Resp: 82897

Ion Ratio Lower Upper

196 100

198 101.7 80.5 120.7

200 32.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 50.321 ng

RT: 9.169 min Scan# 1203

Delta R.T. 0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Tgt Ion:196 Resp: 88105

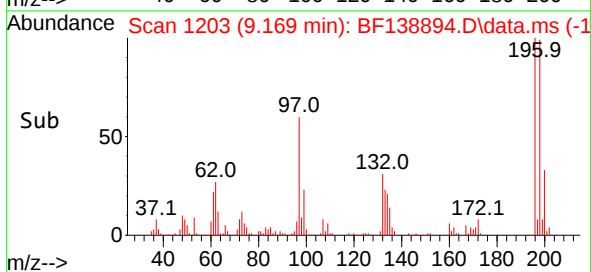
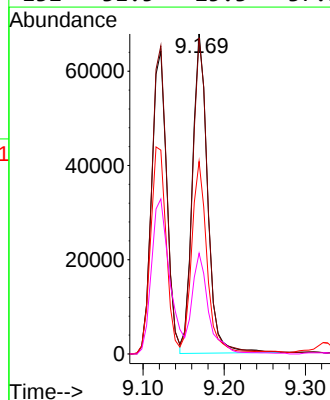
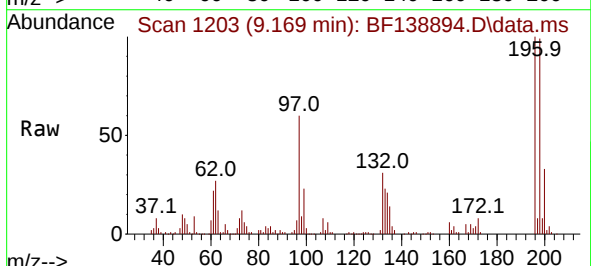
Ion Ratio Lower Upper

196 100

198 98.8 81.2 121.8

97 60.1 47.8 71.6

132 31.5 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 71.954 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

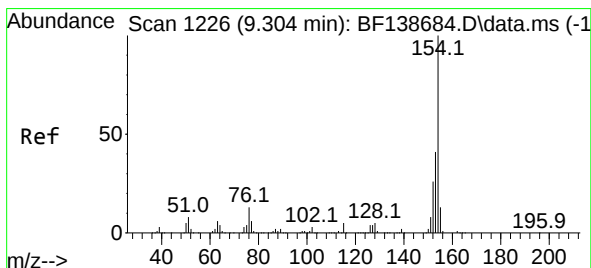
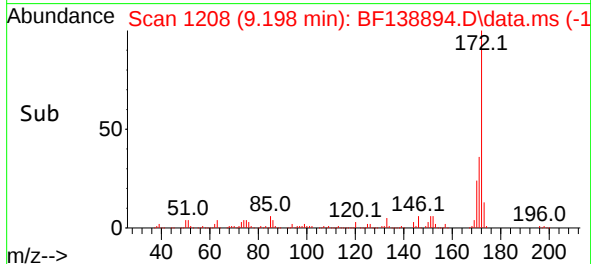
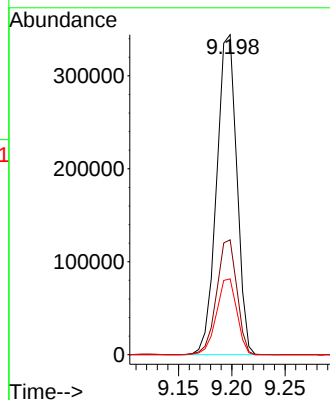
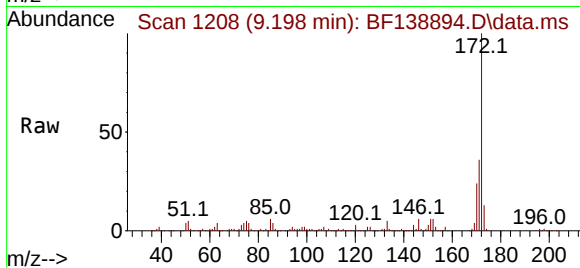
Tgt Ion:172 Resp: 452844

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.7 18.8 28.2



#46

1,1'-Biphenyl

Concen: 49.065 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

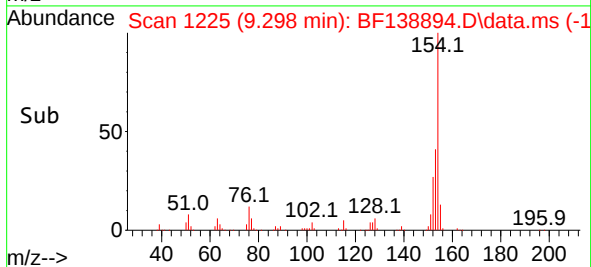
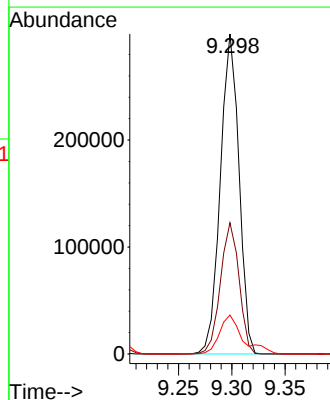
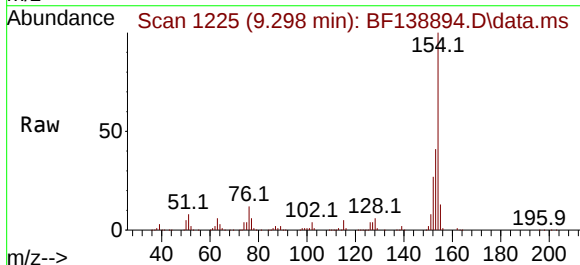
Tgt Ion:154 Resp: 363365

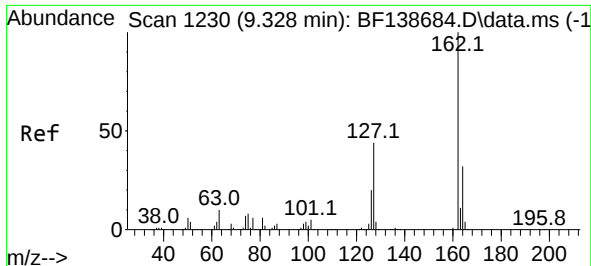
Ion Ratio Lower Upper

154 100

153 41.0 20.8 60.8

76 12.2 0.0 32.8

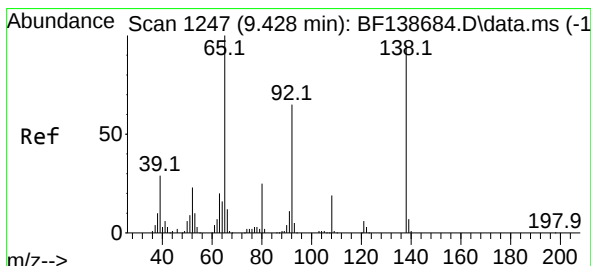
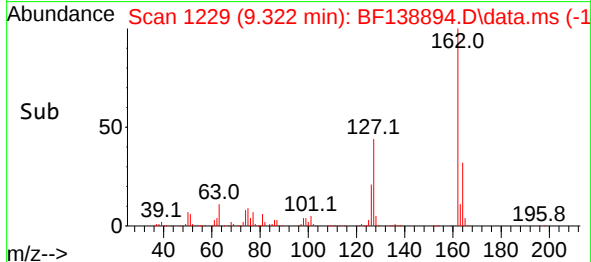
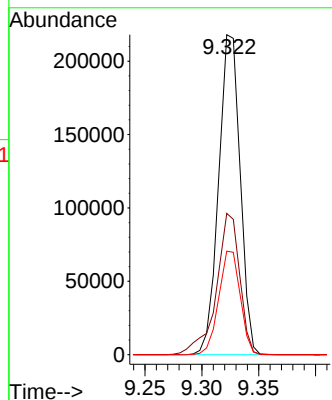
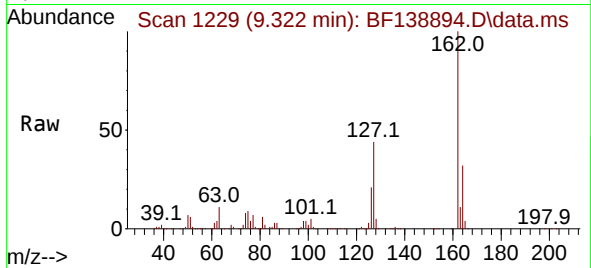




#47
2-Chloronaphthalene
Concen: 52.251 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

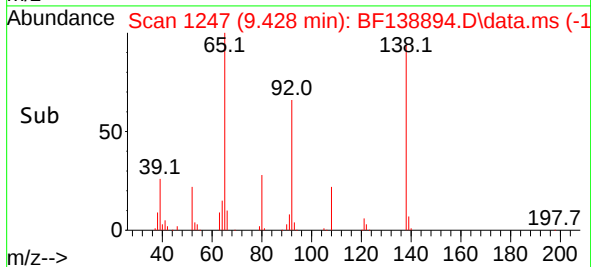
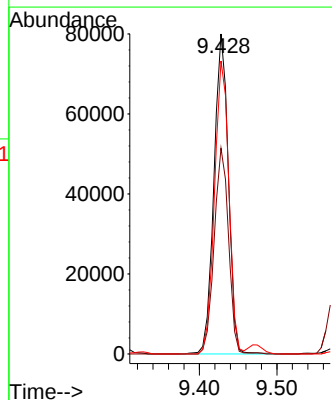
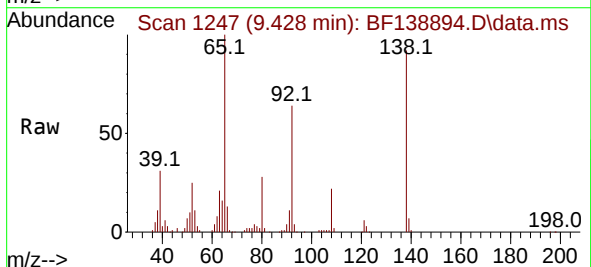
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

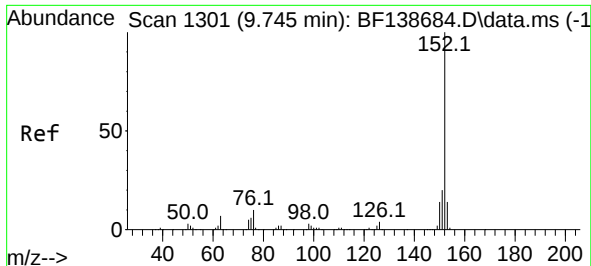
Tgt Ion:162 Resp: 287796
Ion Ratio Lower Upper
162 100
127 44.1 35.4 53.2
164 32.3 25.6 38.4



#48
2-Nitroaniline
Concen: 55.236 ng
RT: 9.428 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion: 65 Resp: 103139
Ion Ratio Lower Upper
65 100
92 64.3 52.0 78.0
138 91.6 76.2 114.4





#49

Acenaphthylene

Concen: 55.377 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

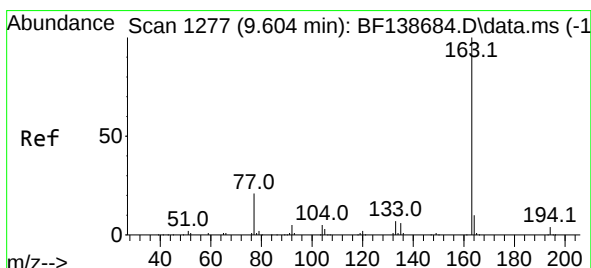
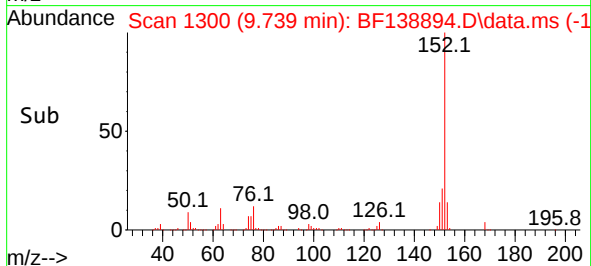
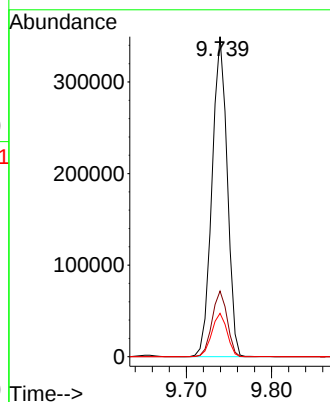
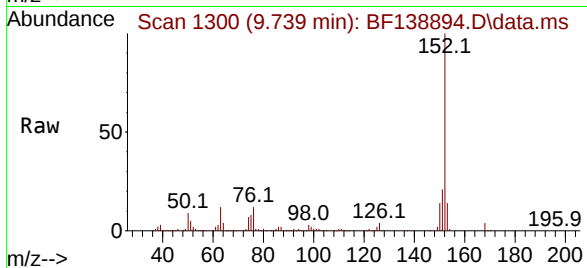
Tgt Ion:152 Resp: 432600

Ion Ratio Lower Upper

152 100

151 20.5 16.0 24.0

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 58.147 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

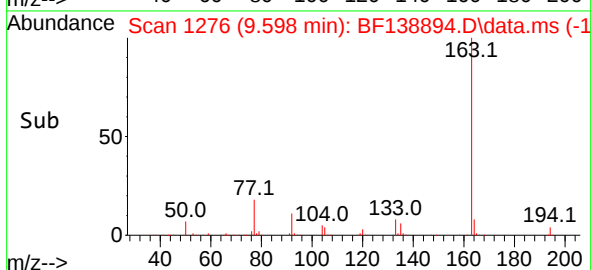
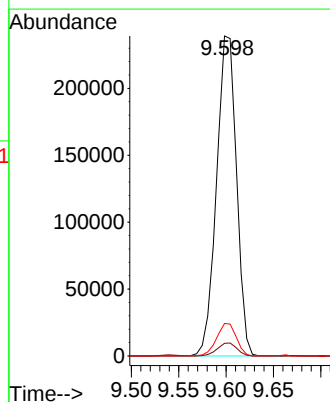
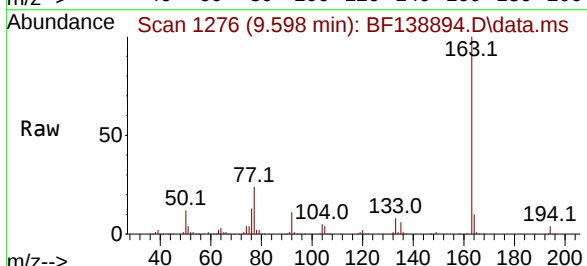
Tgt Ion:163 Resp: 351576

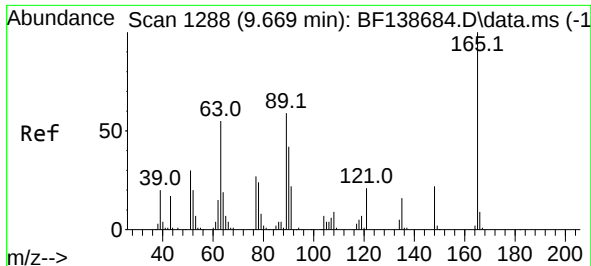
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 53.930 ng

RT: 9.669 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

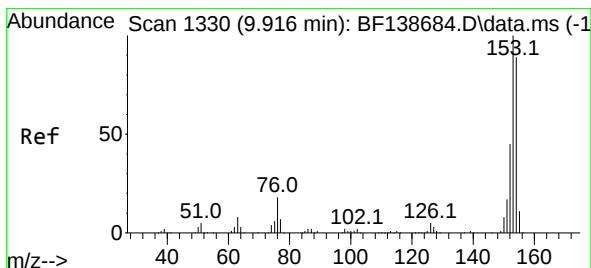
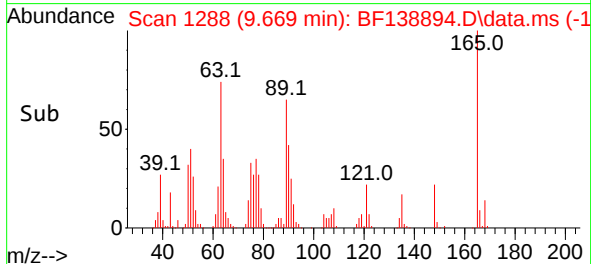
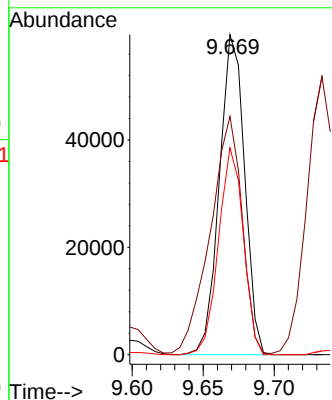
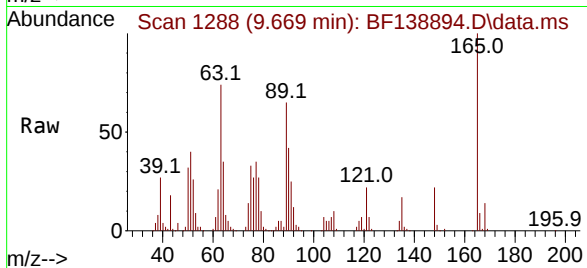
Tgt Ion:165 Resp: 73589

Ion Ratio Lower Upper

165 100

63 74.5 52.0 78.0

89 64.7 47.0 70.6



#52

Acenaphthene

Concen: 49.323 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

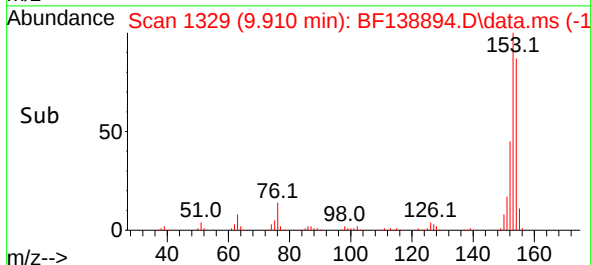
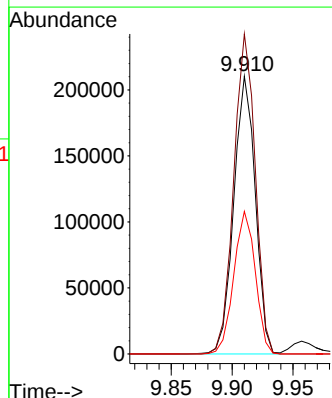
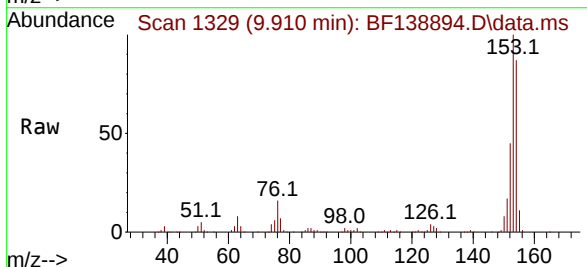
Tgt Ion:154 Resp: 259007

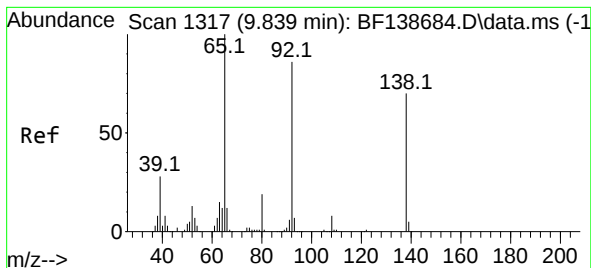
Ion Ratio Lower Upper

154 100

153 115.2 89.9 134.9

152 51.3 40.6 60.8





#53

3-Nitroaniline

Concen: 35.788 ng

RT: 9.839 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

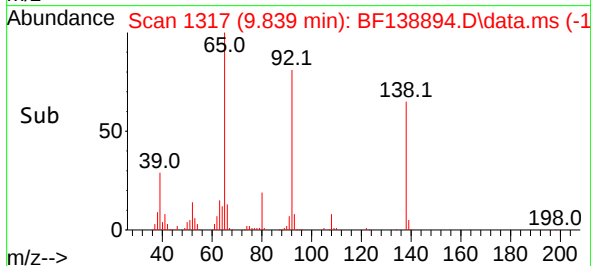
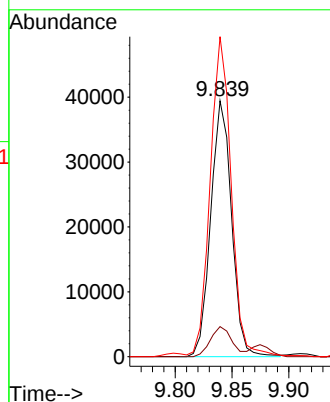
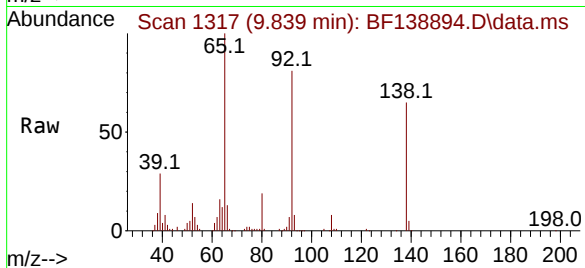
Tgt Ion:138 Resp: 50483

Ion Ratio Lower Upper

138 100

108 11.8 9.1 13.7

92 125.0 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 31.364 ng

RT: 9.957 min Scan# 1337

Delta R.T. 0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

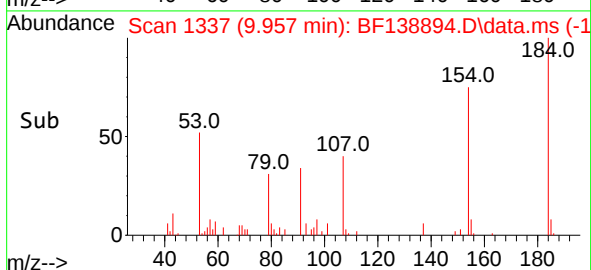
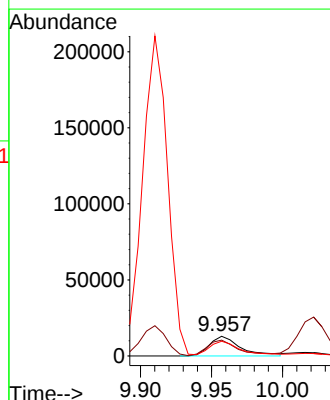
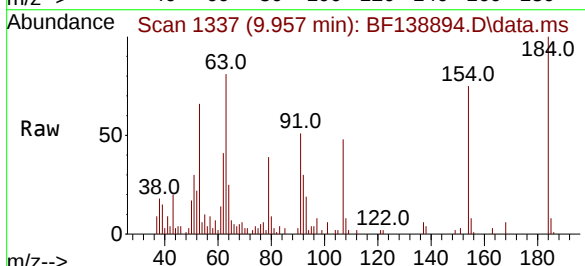
Tgt Ion:184 Resp: 19701

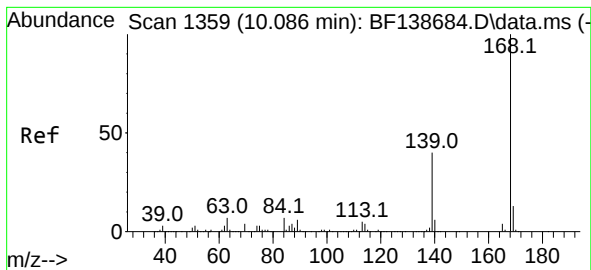
Ion Ratio Lower Upper

184 100

63 81.0 57.5 86.3

154 75.2 51.7 77.5

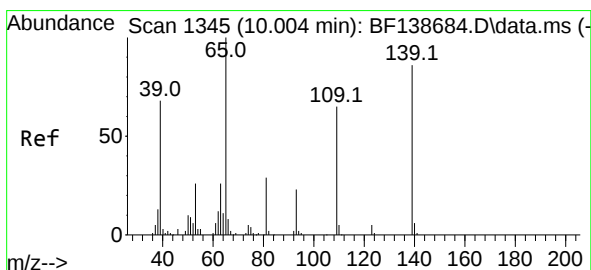
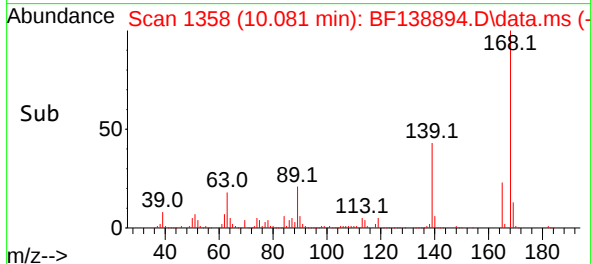
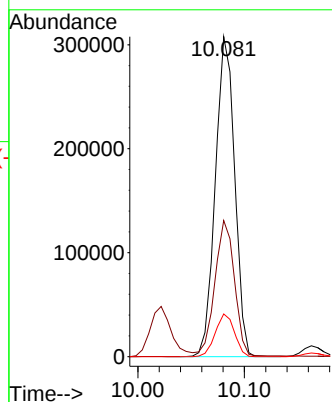
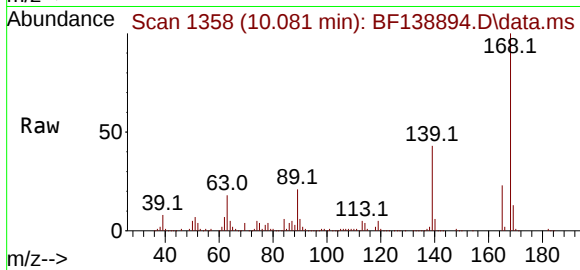




#55
Dibenzenofuran
Concen: 52.365 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

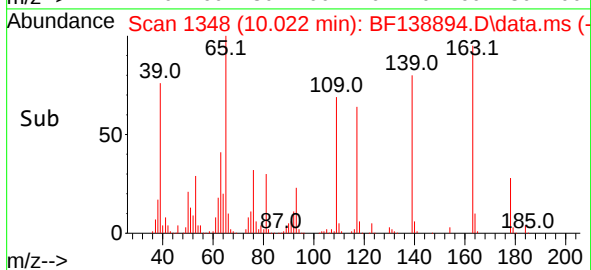
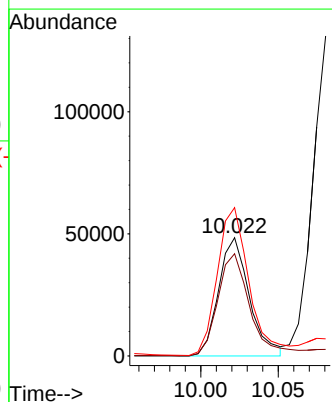
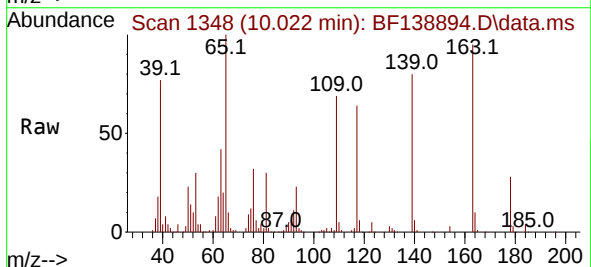
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:168 Resp: 388171
Ion Ratio Lower Upper
168 100
139 42.6 32.6 49.0
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 79.051 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.018 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:139 Resp: 67057
Ion Ratio Lower Upper
139 100
109 86.5 55.5 95.5
65 125.5 96.7 136.7

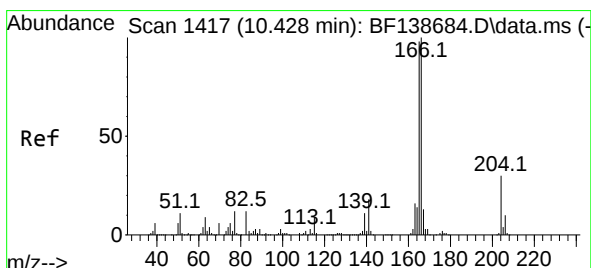
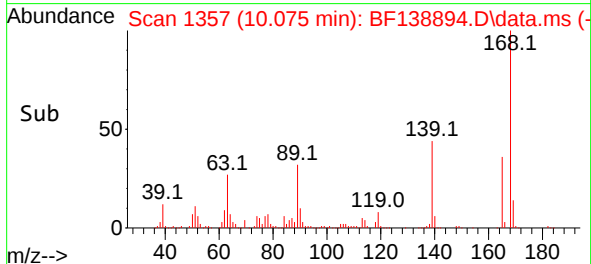
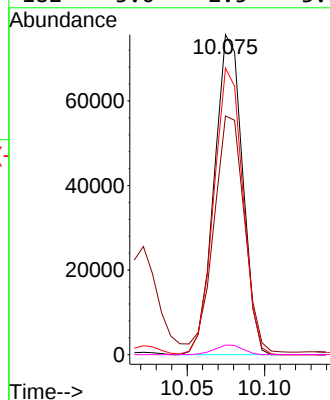
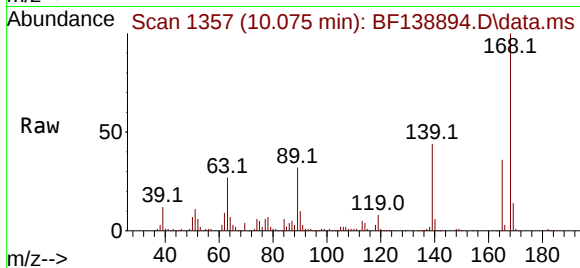




#57
2,4-Dinitrotoluene
Concen: 55.269 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

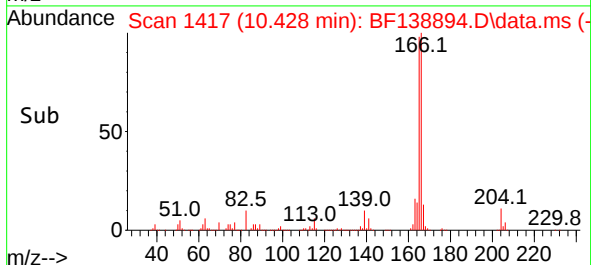
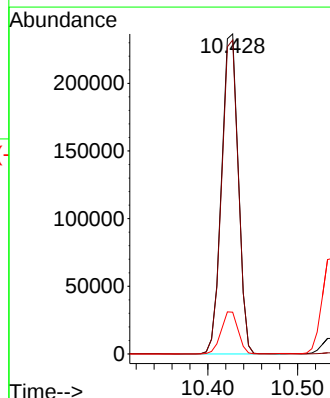
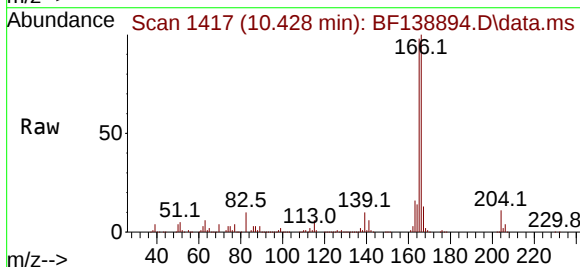
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:	165	Resp:	96219
Ion Ratio	Lower	Upper	
165	100		
63	74.6	46.3	69.5#
89	89.6	64.2	96.4
182	3.0	2.5	3.7



#58
Fluorene
Concen: 51.829 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:	166	Resp:	305947
Ion Ratio	Lower	Upper	
166	100		
165	98.1	78.4	117.6
167	13.1	10.6	16.0



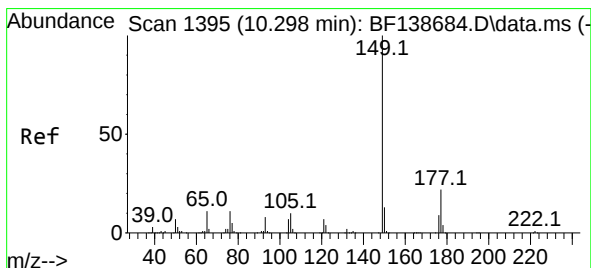
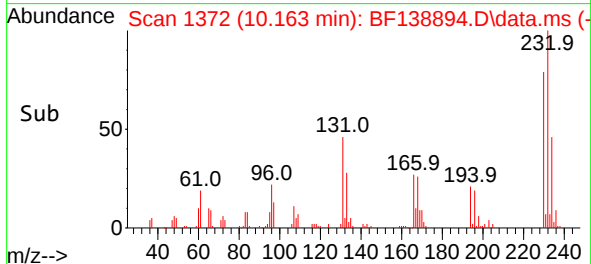
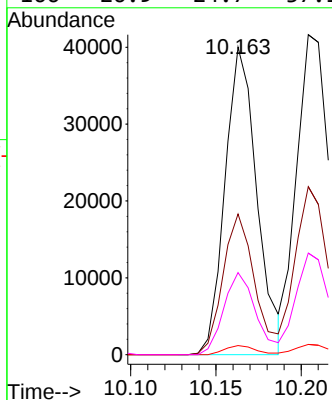
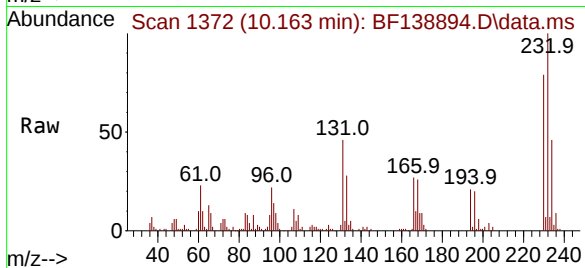


#59
2,3,4,6-Tetrachlorophenol
Concen: 38.930 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.041 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:232 Resp: 52110

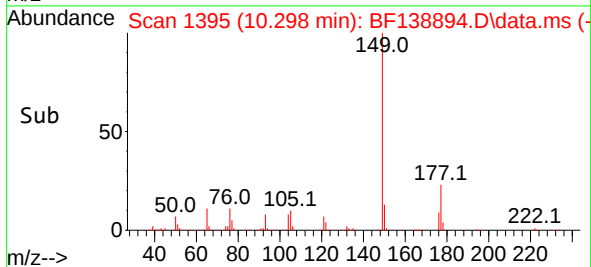
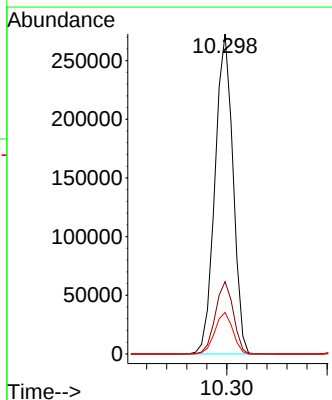
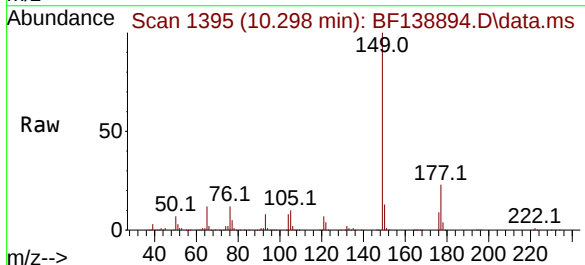
Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.0	55.4
130	2.9	2.0	3.0
166	26.9	24.7	37.1

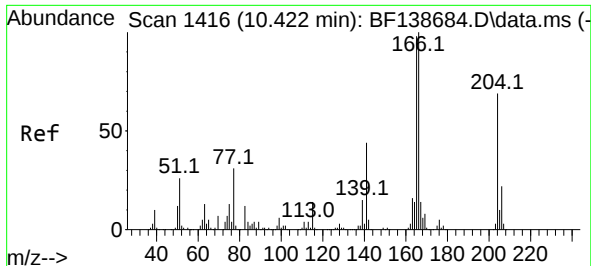


#60
Diethylphthalate
Concen: 59.132 ng
RT: 10.298 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:149 Resp: 338997

Ion	Ratio	Lower	Upper
149	100		
177	22.6	17.8	26.8
150	12.9	10.1	15.1

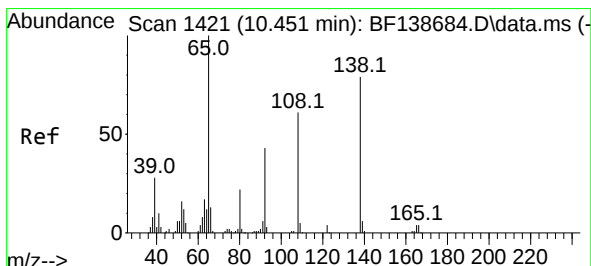
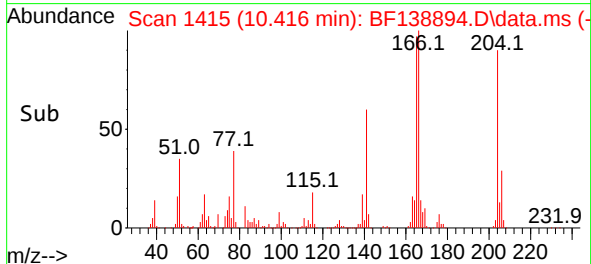
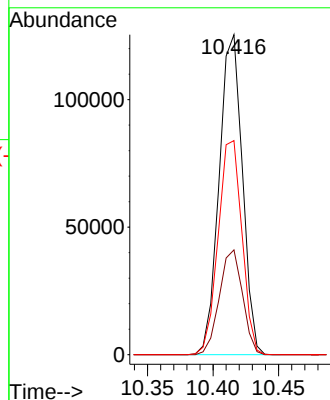
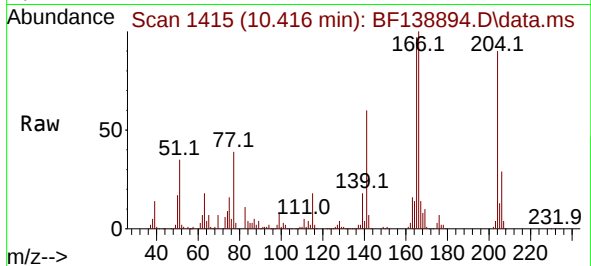




#61
4-Chlorophenyl-phenylether
Concen: 53.169 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

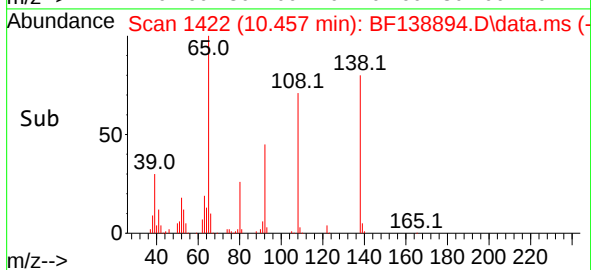
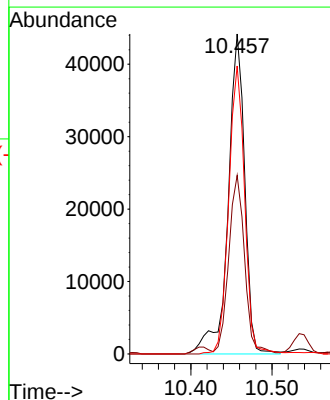
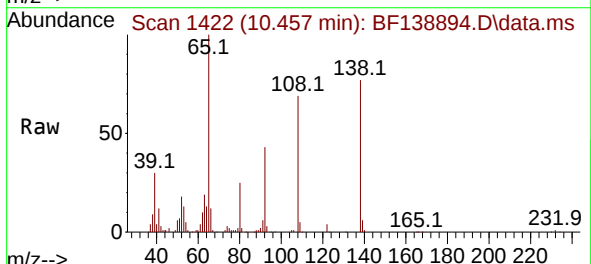
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

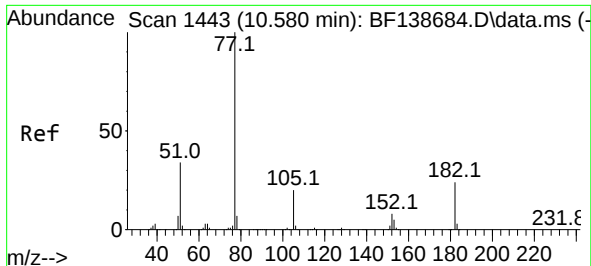
Tgt Ion:204 Resp: 154361
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 66.9 51.4 77.0



#62
4-Nitroaniline
Concen: 47.007 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:138 Resp: 63014
Ion Ratio Lower Upper
138 100
92 55.8 34.2 74.2
108 90.0 56.2 96.2

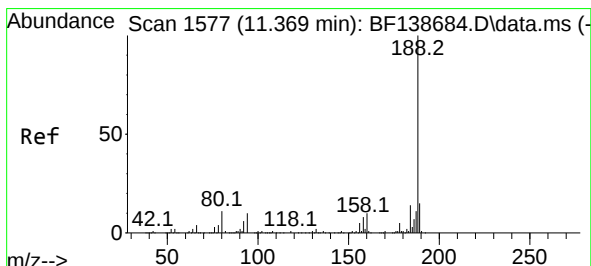
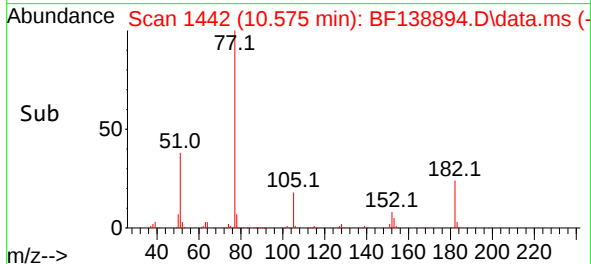
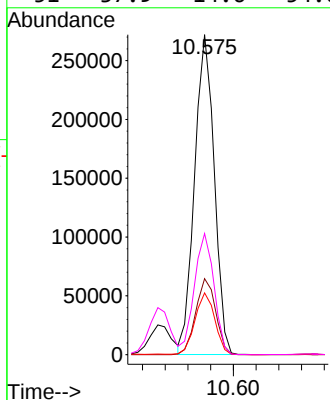
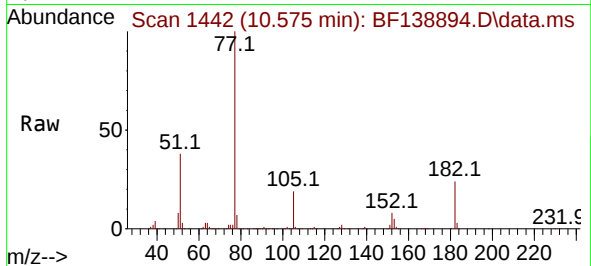




#63
Azobenzene
Concen: 51.432 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

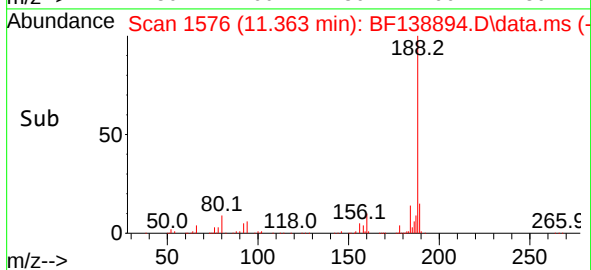
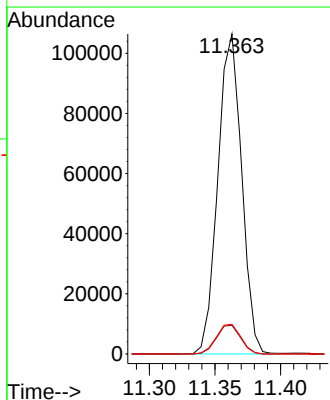
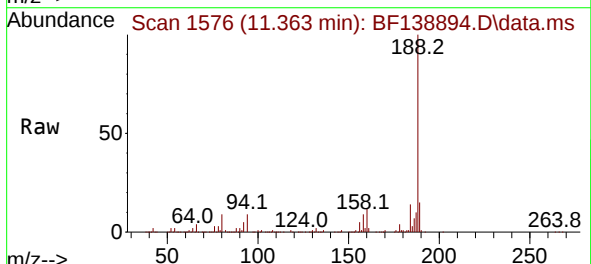
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

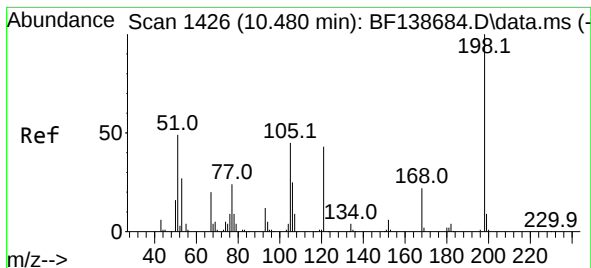
Tgt Ion:	77	Resp:	327024
Ion	Ratio	Lower	Upper
77	100		
182	23.8	3.4	43.4
105	19.3	0.2	40.2
51	37.9	14.6	54.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:	188	Resp:	134163
Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.6	11.4
80	9.3	8.6	12.8

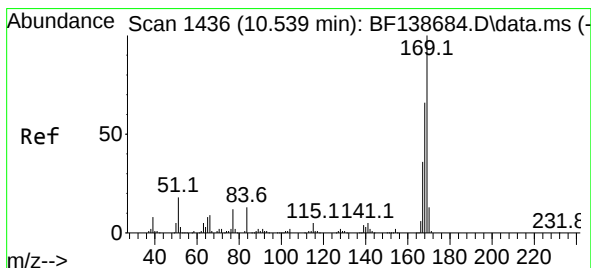
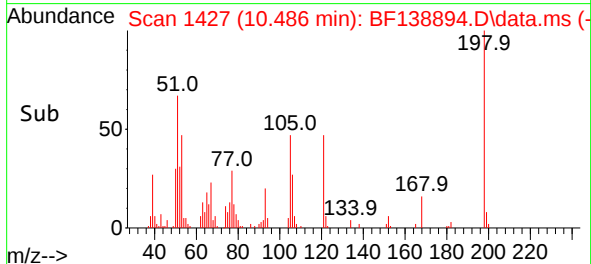
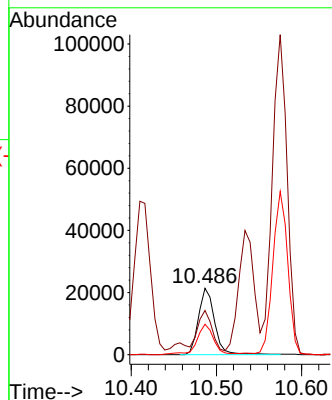
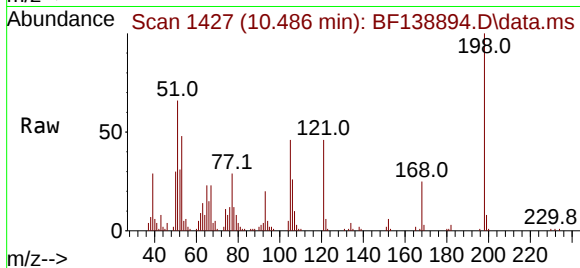




#65
4,6-Dinitro-2-methylphenol
Concen: 34.372 ng
RT: 10.486 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

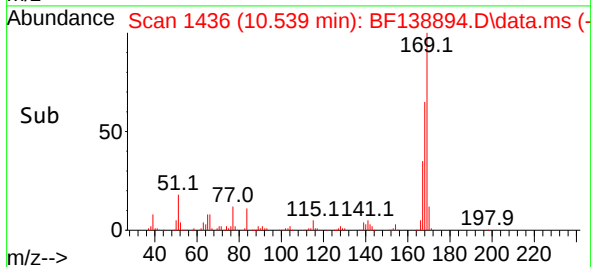
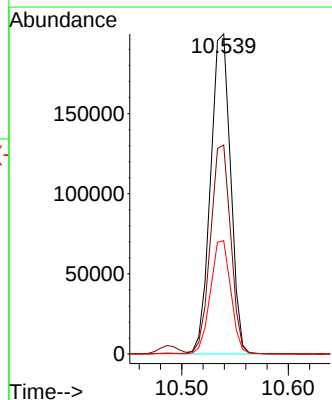
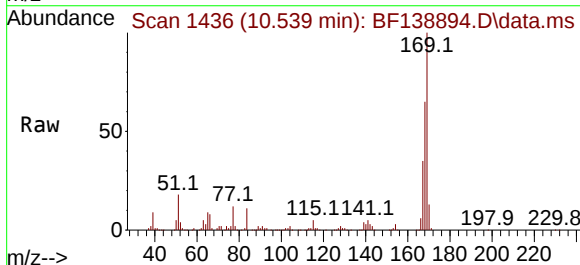
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:198 Resp: 28134
Ion Ratio Lower Upper
198 100
51 66.4 39.9 79.9
105 45.7 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 62.121 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:169 Resp: 260513
Ion Ratio Lower Upper
169 100
168 65.3 53.0 79.6
167 35.4 29.0 43.6

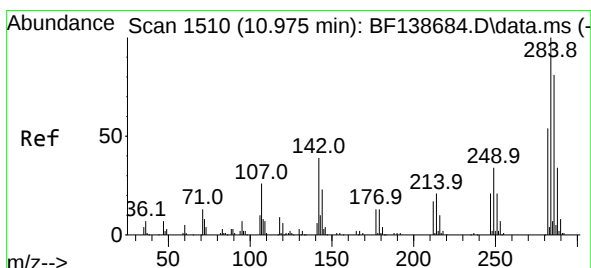
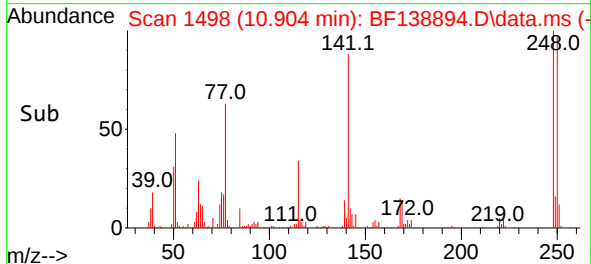
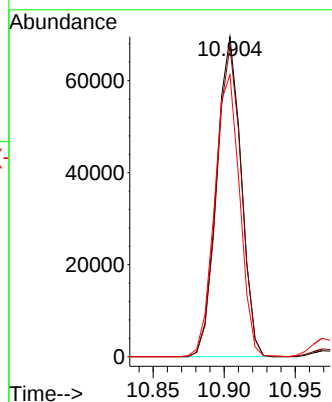
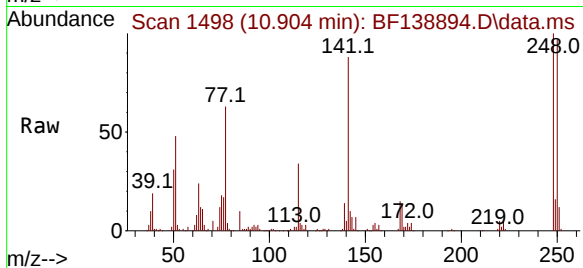




#67
4-Bromophenyl-phenylether
Concen: 57.410 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

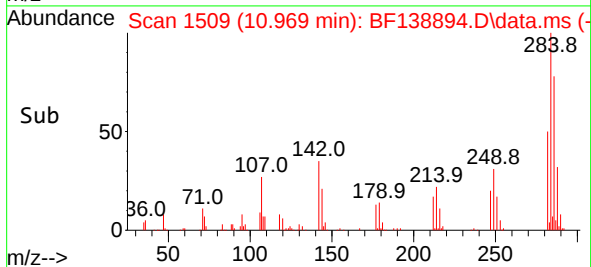
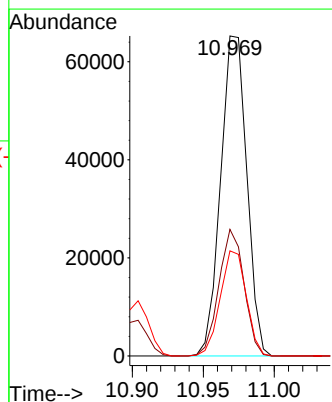
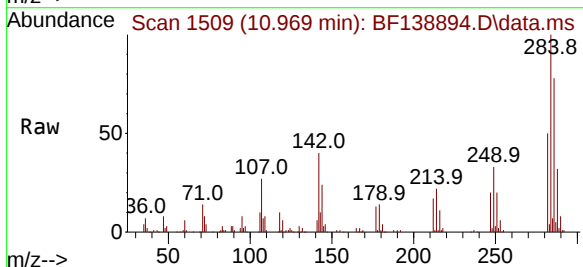
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:248 Resp: 83392
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 88.1 68.0 102.0



#68
Hexachlorobenzene
Concen: 55.856 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:284 Resp: 83772
Ion Ratio Lower Upper
284 100
142 39.5 31.3 46.9
249 32.9 27.2 40.8





#69

Atrazine

Concen: 69.373 ng

RT: 11.063 min Scan# 1525

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

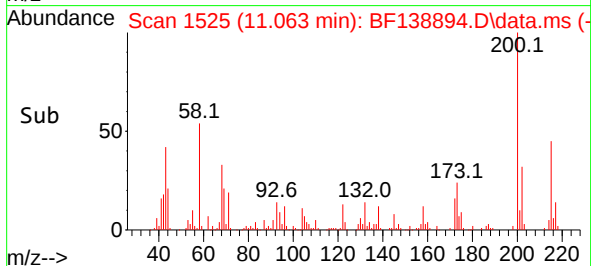
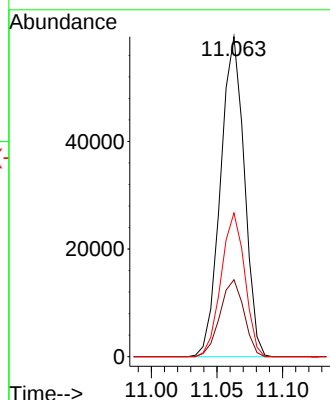
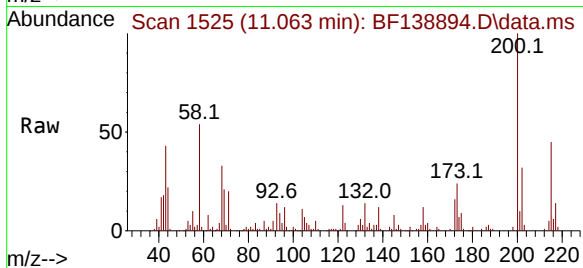
Tgt Ion:200 Resp: 75059

Ion Ratio Lower Upper

200 100

173 24.0 6.0 46.0

215 44.9 26.1 66.1



#70

Pentachlorophenol

Concen: 56.985 ng

RT: 11.175 min Scan# 1544

Delta R.T. -0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

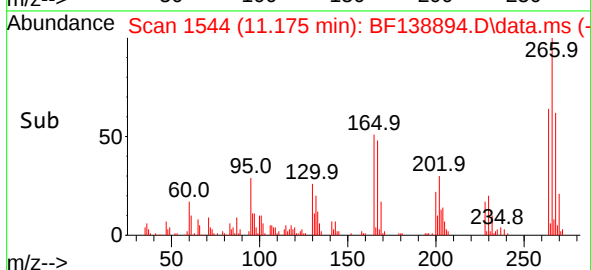
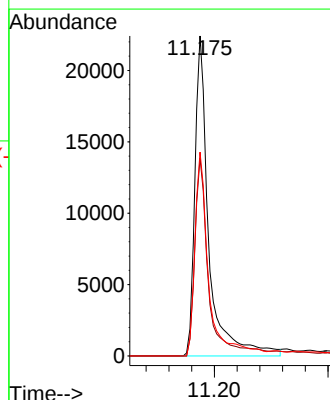
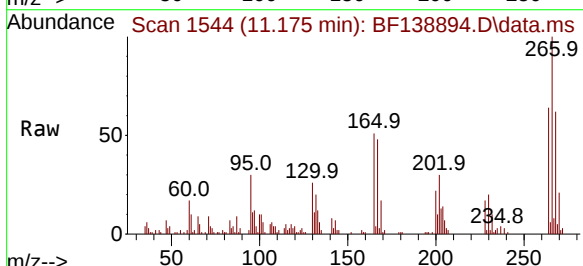
Tgt Ion:266 Resp: 38523

Ion Ratio Lower Upper

266 100

268 61.8 49.2 73.8

264 63.7 49.8 74.6

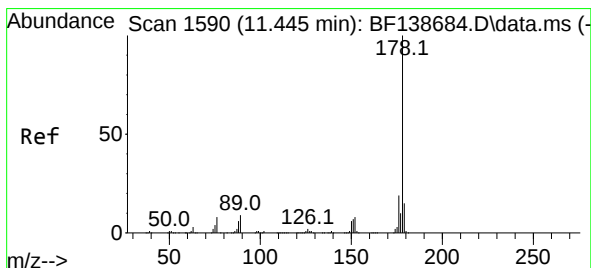
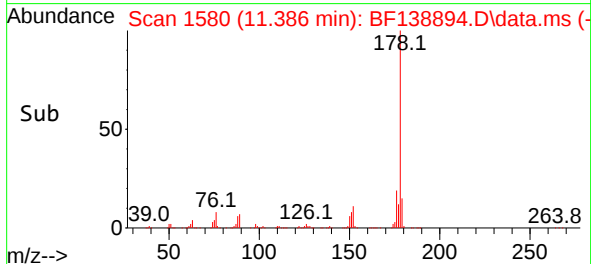
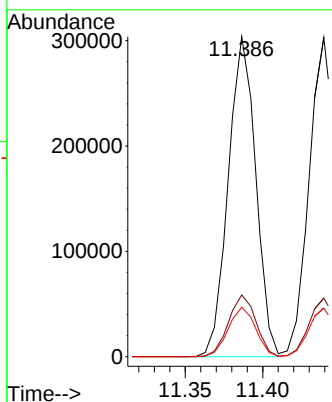
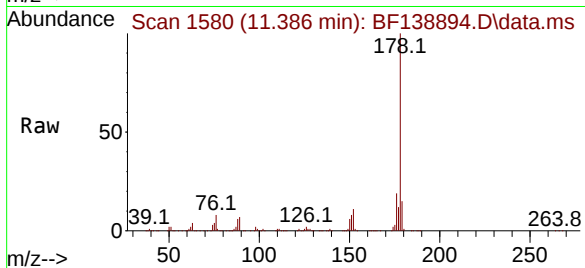




#71
Phenanthrene
Concen: 54.195 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

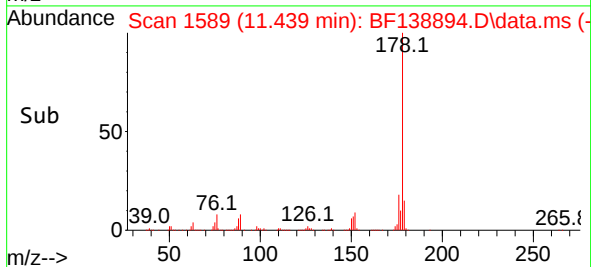
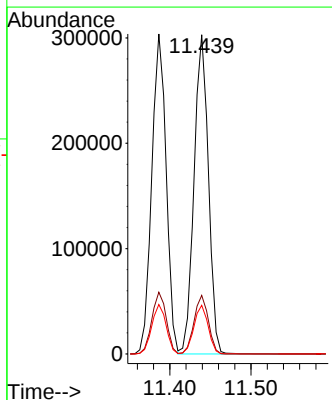
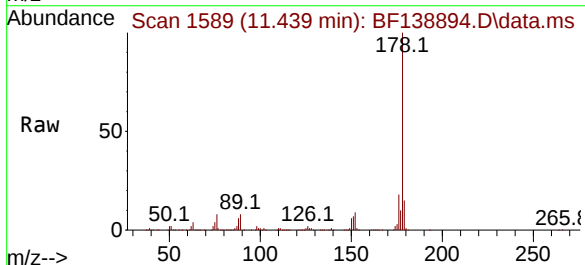
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

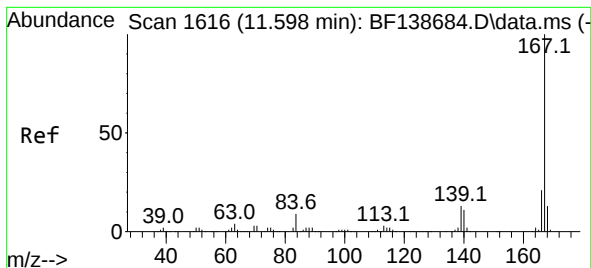
Tgt Ion:178 Resp: 374399
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.2 18.2



#72
Anthracene
Concen: 54.811 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:178 Resp: 373025
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.2 12.4 18.6





#73

Carbazole

Concen: 50.868 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138894.D

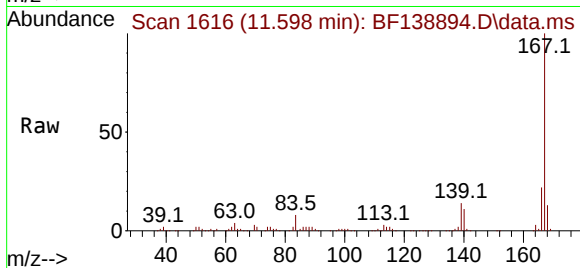
Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD



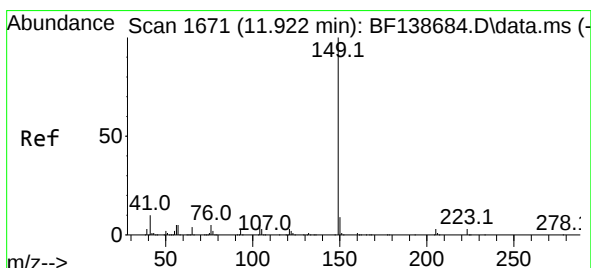
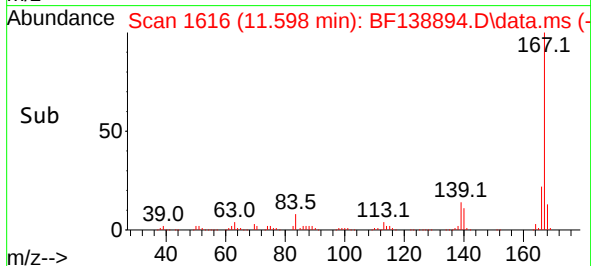
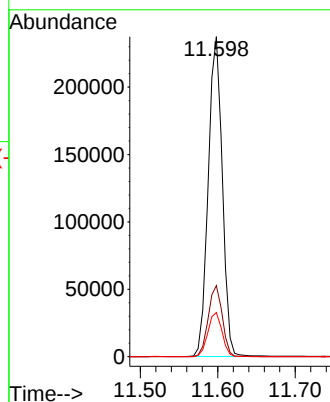
Tgt Ion:167 Resp: 298677

Ion Ratio Lower Upper

167 100

166 22.2 17.2 25.8

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 66.295 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

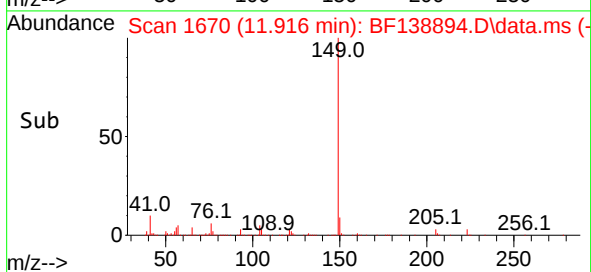
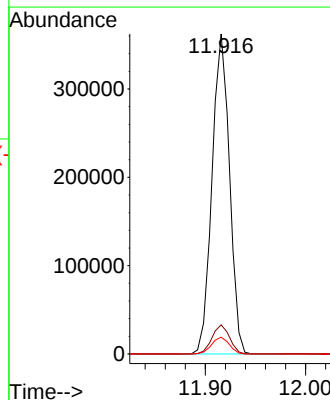
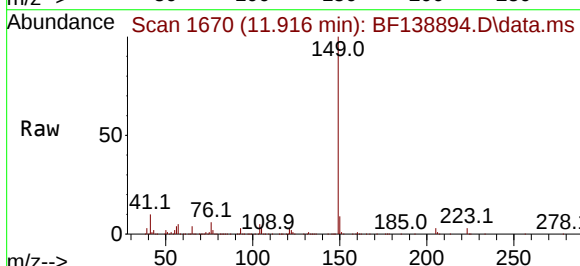
Tgt Ion:149 Resp: 437586

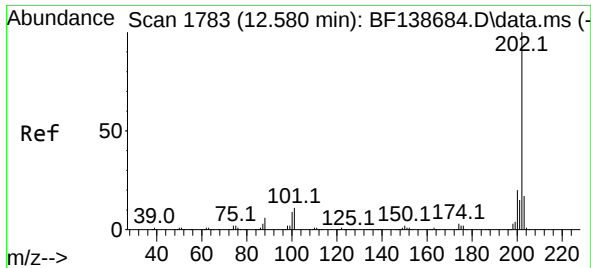
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 5.3 4.1 6.1

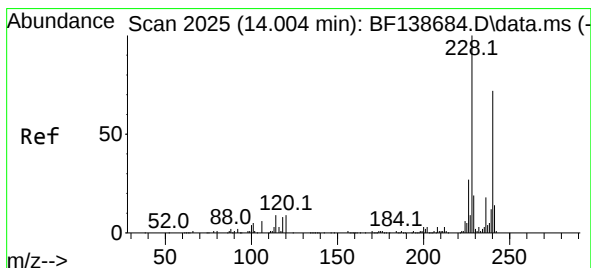
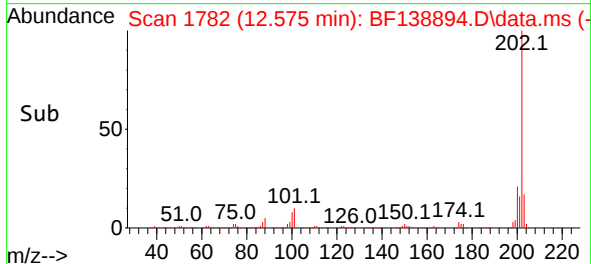
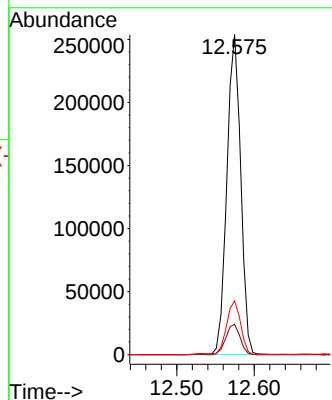
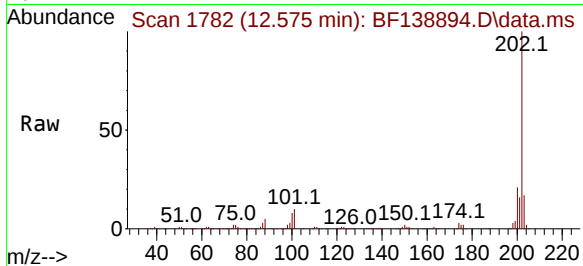




#75
Fluoranthene
Concen: 48.819 ng
RT: 12.575 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

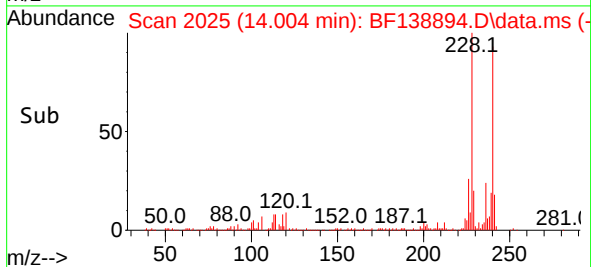
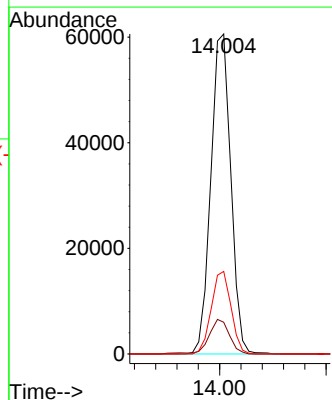
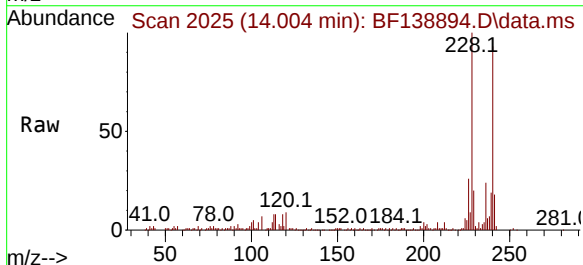
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

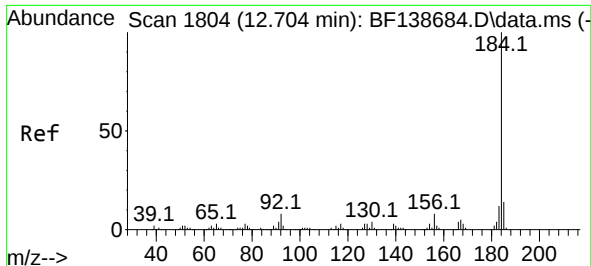
Tgt Ion:202 Resp: 314850
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 16.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:240 Resp: 78755
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 25.8 19.8 29.8

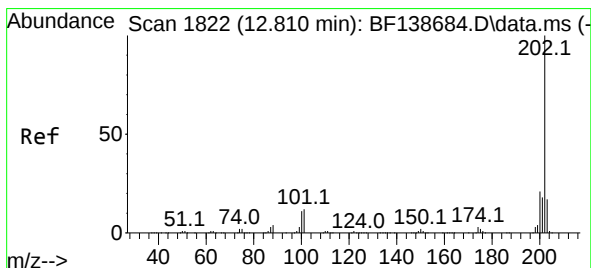
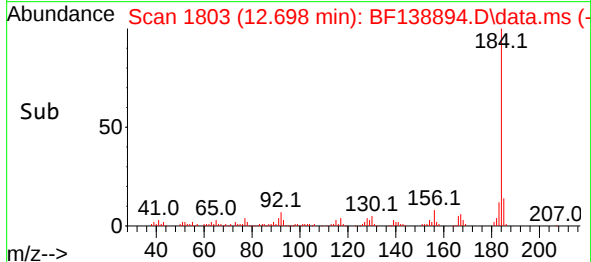
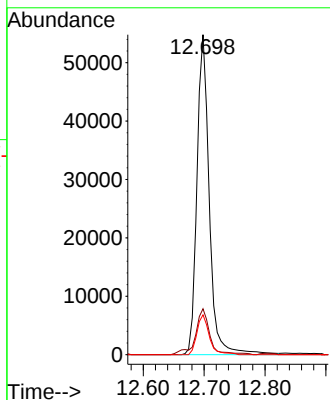
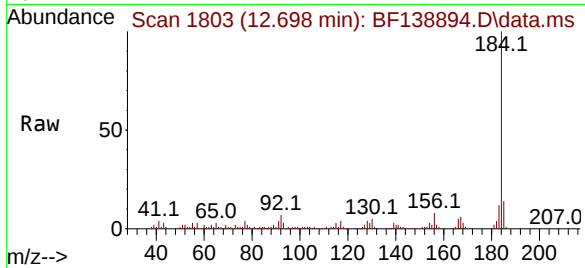




#77
Benzidine
Concen: 40.853 ng
RT: 12.698 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

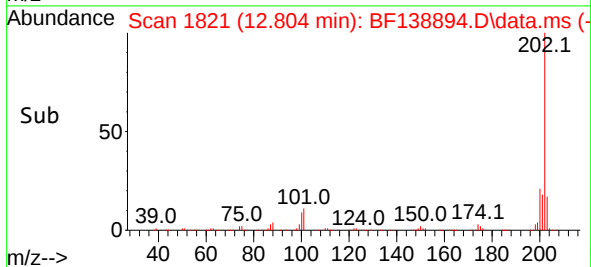
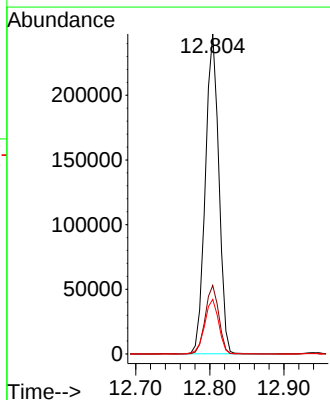
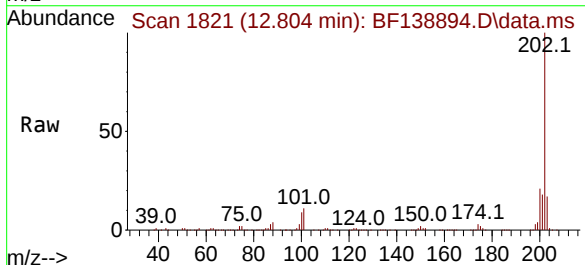
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:184 Resp: 76954
Ion Ratio Lower Upper
184 100
185 14.3 11.1 16.7
183 12.5 9.6 14.4



#78
Pyrene
Concen: 42.091 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

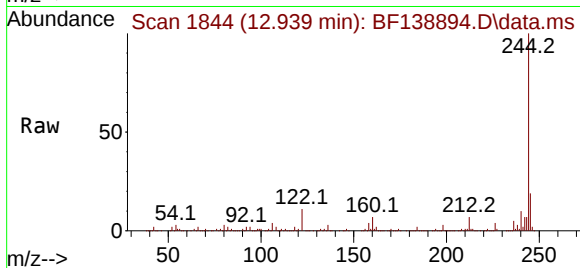
Tgt Ion:202 Resp: 312107
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.0 13.8 20.6



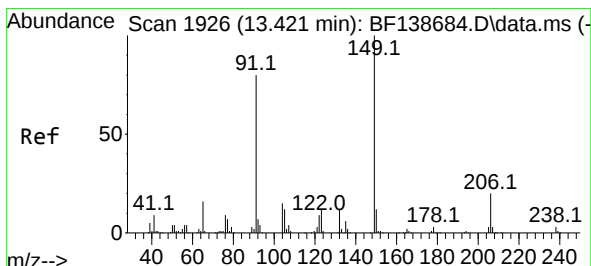
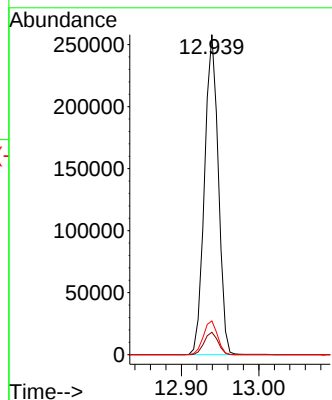
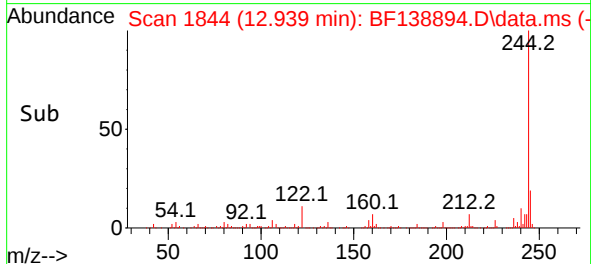


#79
 Terphenyl-d14
 Concen: 67.740 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. -0.006 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

Instrument :
 BNA_F
 ClientSampleId :
 72-11929MSD

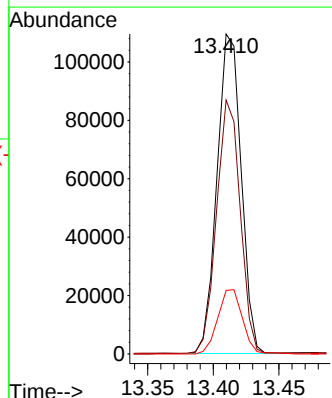
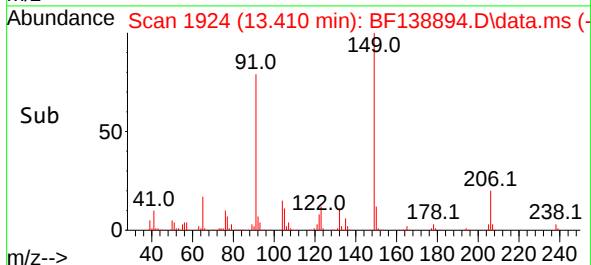
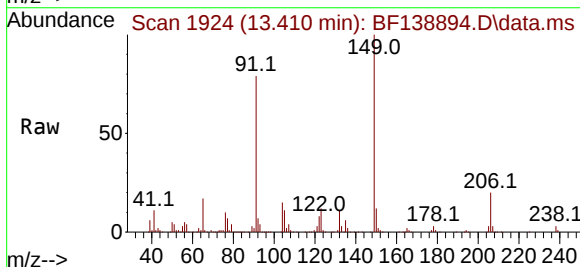


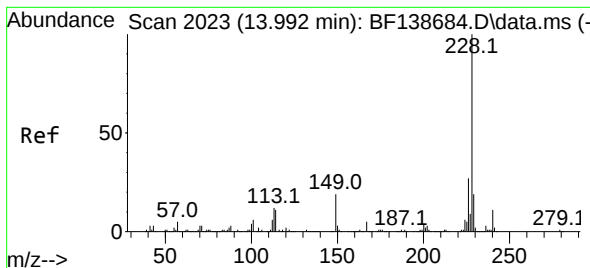
Tgt Ion:244 Resp: 318638
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.5 9.6 14.4



#80
 Butylbenzylphthalate
 Concen: 58.987 ng
 RT: 13.410 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

Tgt Ion:149 Resp: 140065
 Ion Ratio Lower Upper
 149 100
 91 79.3 63.7 95.5
 206 19.9 16.2 24.2

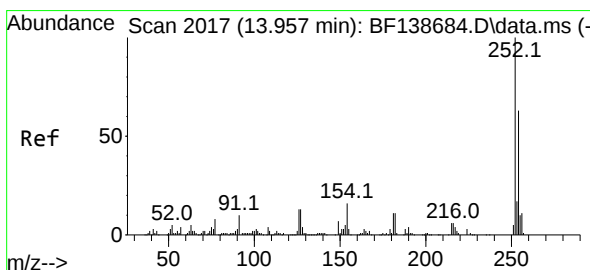
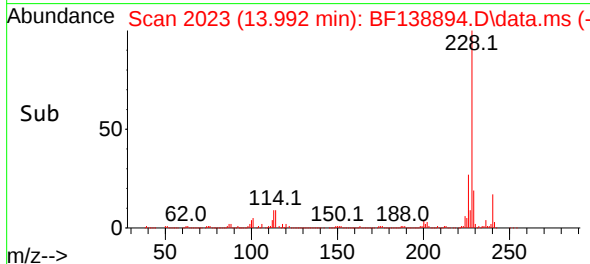
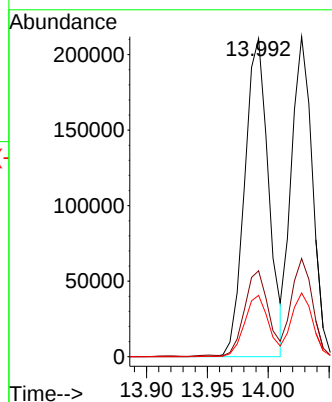
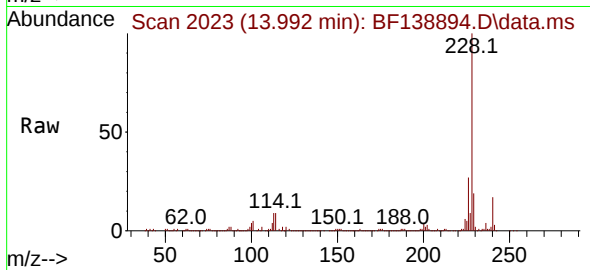




#81
Benzo(a)anthracene
Concen: 53.231 ng
RT: 13.992 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

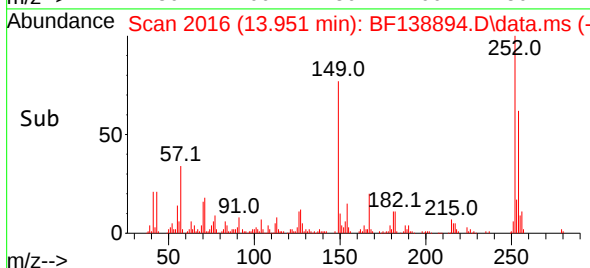
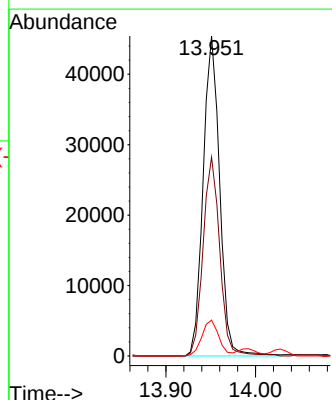
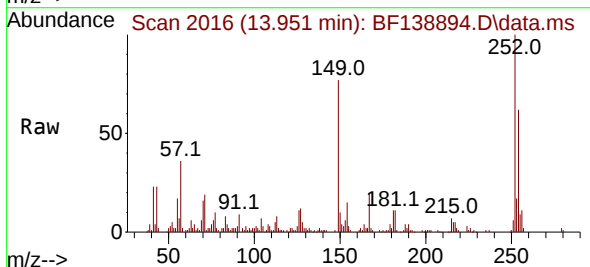
Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:228 Resp: 288684
Ion Ratio Lower Upper
228 100
226 27.0 22.1 33.1
229 19.3 15.4 23.0



#82
3,3'-Dichlorobenzidine
Concen: 41.936 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:252 Resp: 58200
Ion Ratio Lower Upper
252 100
254 62.1 50.8 76.2
126 11.2 10.2 15.2





#83

Chrysene

Concen: 51.939 ng

RT: 14.027 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

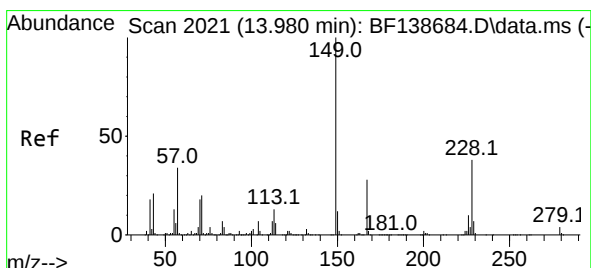
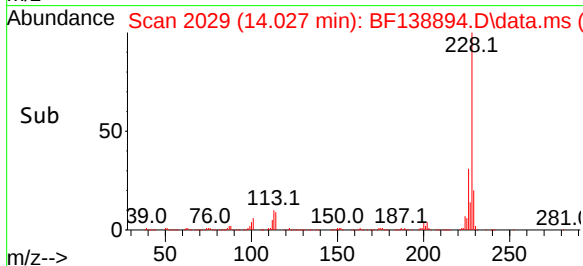
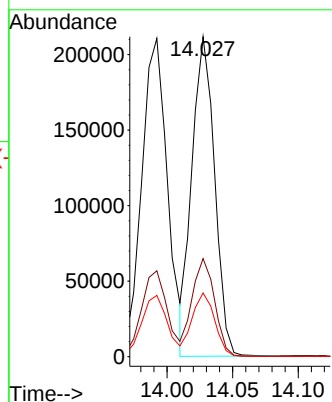
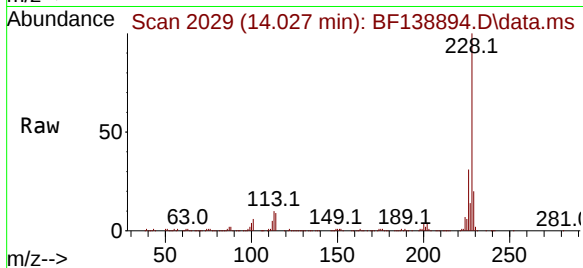
Tgt Ion:228 Resp: 254129

Ion Ratio Lower Upper

228 100

226 30.6 23.7 35.5

229 19.9 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.571 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

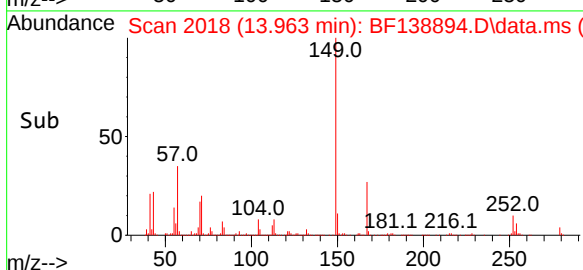
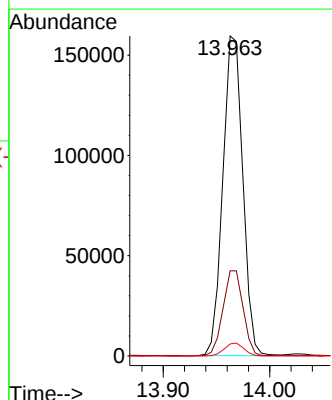
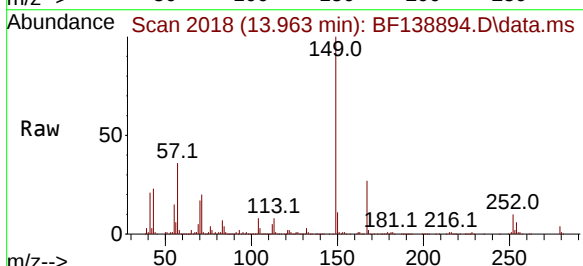
Tgt Ion:149 Resp: 207133

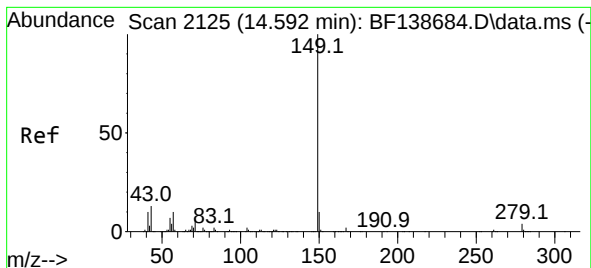
Ion Ratio Lower Upper

149 100

167 26.6 22.2 33.4

279 3.7 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 58.843 ng

RT: 14.574 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

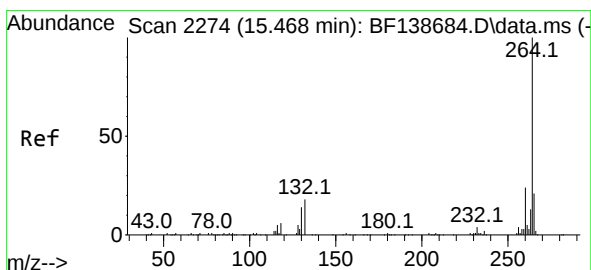
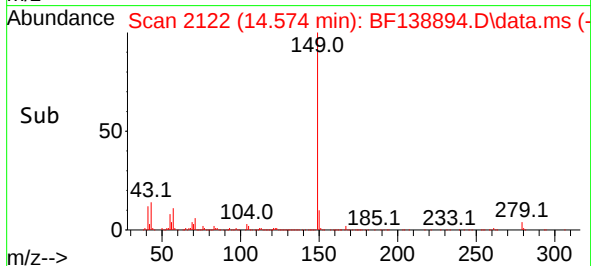
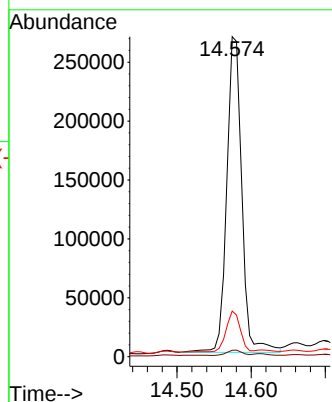
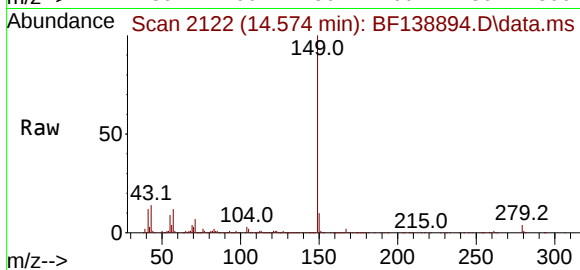
Tgt Ion:149 Resp: 378547

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.9 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

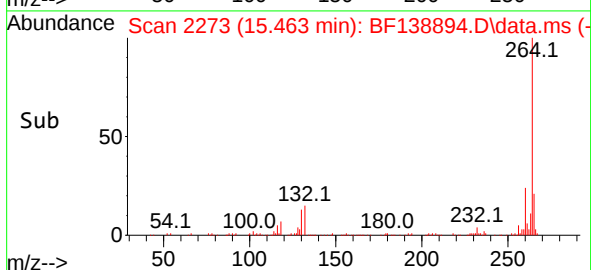
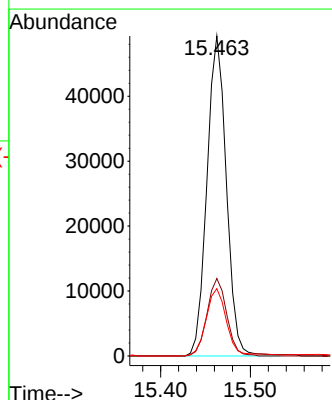
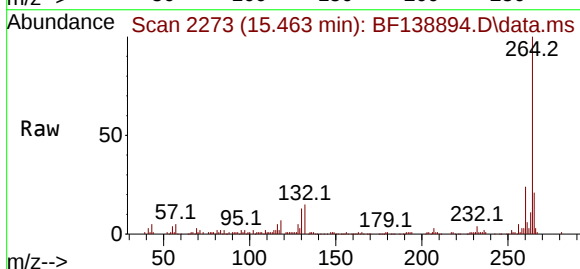
Tgt Ion:264 Resp: 74009

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.0 17.0 25.6

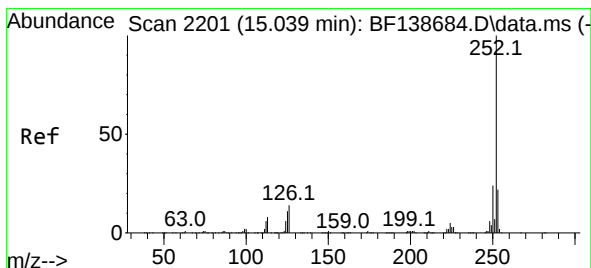
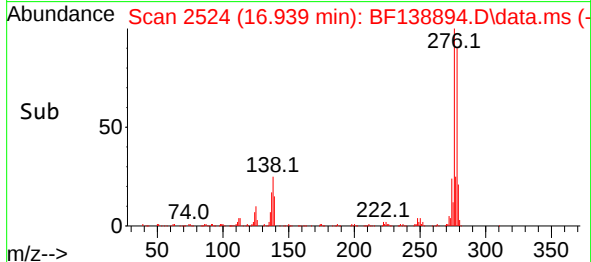
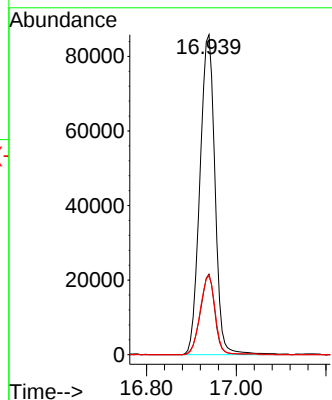
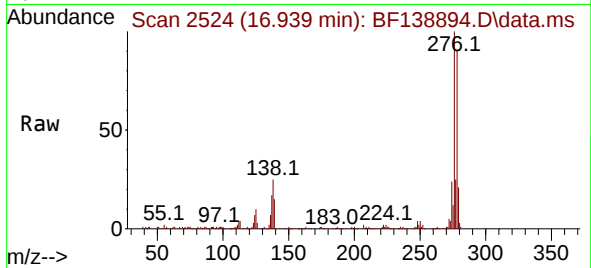




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.681 ng
 RT: 16.939 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

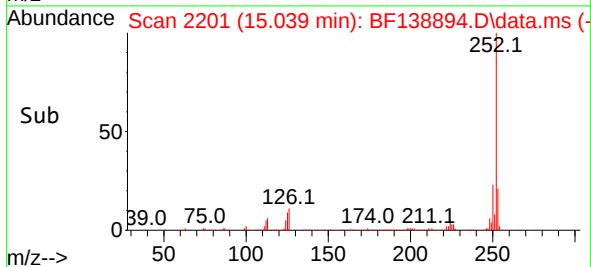
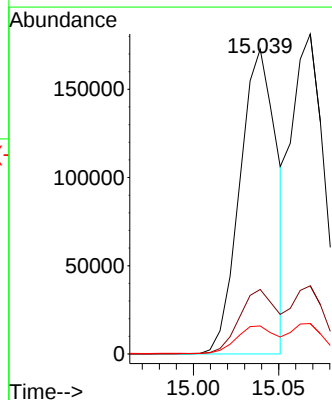
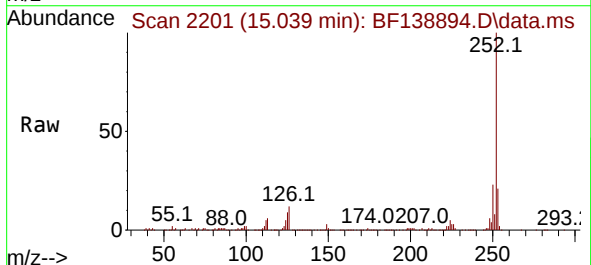
Instrument :
 BNA_F
 ClientSampleId :
 72-11929MSD

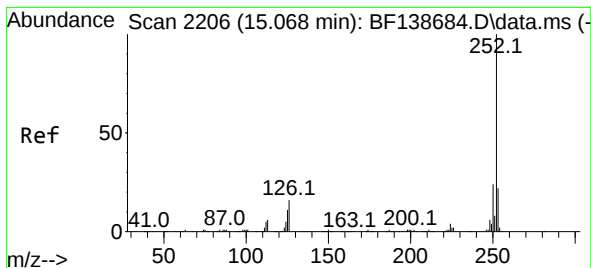
Tgt Ion:276 Resp: 199852
 Ion Ratio Lower Upper
 276 100
 138 24.0 21.8 32.8
 277 24.5 20.6 30.8



#88
 Benzo(b)fluoranthene
 Concen: 56.436 ng
 RT: 15.039 min Scan# 2201
 Delta R.T. 0.000 min
 Lab File: BF138894.D
 Acq: 09 Aug 2024 18:05

Tgt Ion:252 Resp: 258920
 Ion Ratio Lower Upper
 252 100
 253 21.2 17.5 26.3
 125 9.2 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 60.572 ng

RT: 15.069 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

Instrument :

BNA_F

ClientSampleId :

72-11929MSD

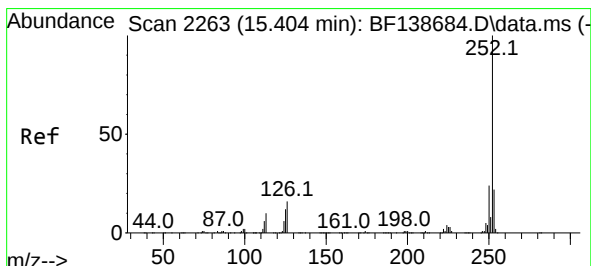
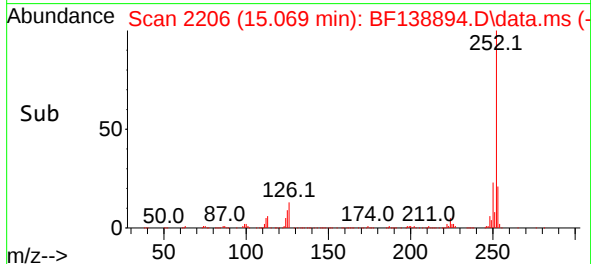
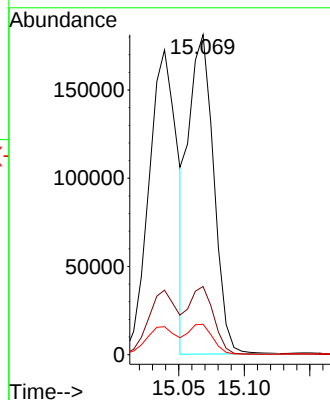
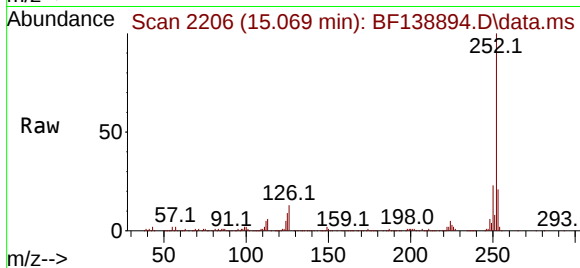
Tgt Ion:252 Resp: 240604

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.5 8.6 13.0



#90

Benzo(a)pyrene

Concen: 56.247 ng

RT: 15.404 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF138894.D

Acq: 09 Aug 2024 18:05

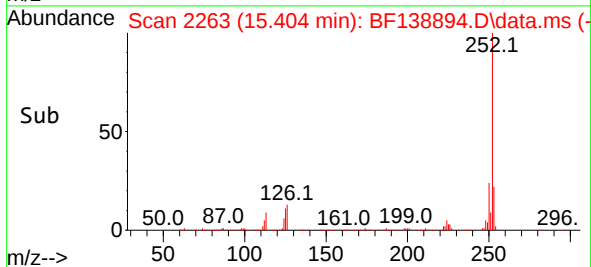
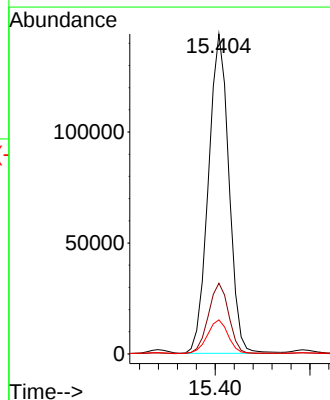
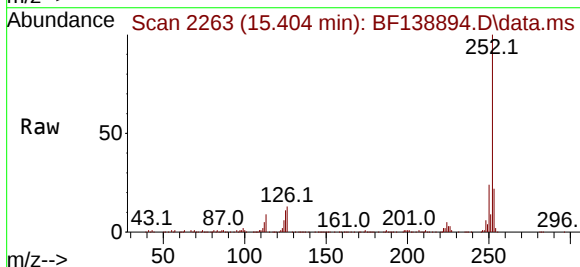
Tgt Ion:252 Resp: 217059

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 10.6 9.5 14.3

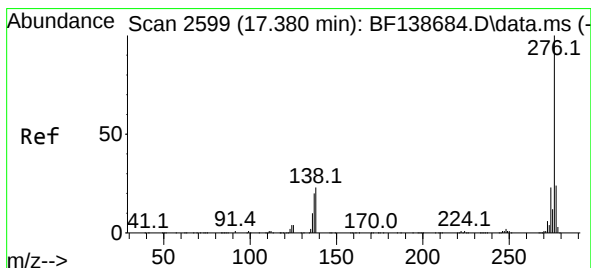
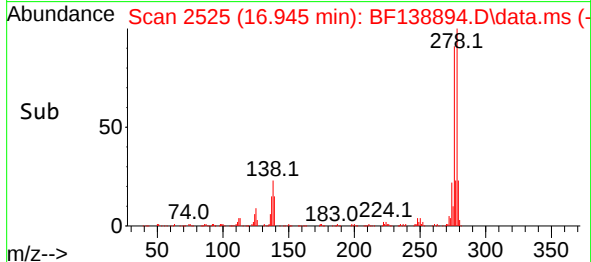
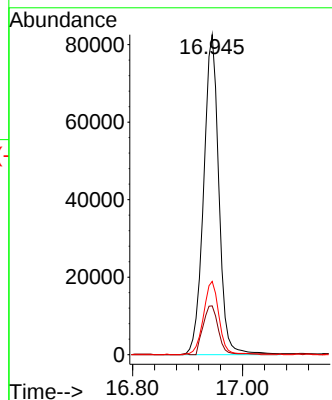
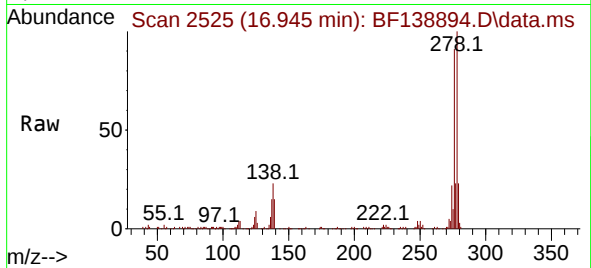




#91
Dibenzo(a,h)anthracene
Concen: 36.441 ng
RT: 16.945 min Scan# 2526
Delta R.T. -0.006 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Instrument :
BNA_F
ClientSampleId :
72-11929MSD

Tgt Ion:278 Resp: 158652
Ion Ratio Lower Upper
278 100
139 15.2 14.0 21.0
279 22.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 31.361 ng
RT: 17.380 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF138894.D
Acq: 09 Aug 2024 18:05

Tgt Ion:276 Resp: 141685
Ion Ratio Lower Upper
276 100
277 22.6 19.0 28.4
138 20.9 18.5 27.7

