

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139073.D
 Acq On : 19 Aug 2024 14:46
 Operator : RC/JU
 Sample : PB162612BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162612BS

Quant Time: Aug 19 15:15:48 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	6.834	152	50614	20.000	ng	-0.01
21) Naphthalene-d8	8.122	136	215610	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	122758	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	206328	20.000	ng	0.00
76) Chrysene-d12	14.004	240	104018	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	95044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	446192	136.082	ng	0.01
7) Phenol-d6	6.492	99	585918	133.097	ng	0.00
23) Nitrobenzene-d5	7.410	82	390192	88.479	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	131587	130.860	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	713444	87.322	ng	-0.01
79) Terphenyl-d14	12.939	244	667138	107.382	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	47611	33.167	ng	97
3) Pyridine	3.446	79	115403	33.187	ng	93
4) n-Nitrosodimethylamine	3.410	42	116163	56.088	ng	# 80
6) Aniline	6.504	93	125274	31.909	ng	# 1
8) 2-Chlorophenol	6.628	128	172335	49.956	ng	100
9) Benzaldehyde	6.392	77	52011	19.709	ng	97
10) Phenol	6.504	94	221502	47.789	ng	82
11) bis(2-Chloroethyl)ether	6.575	93	162639	45.598	ng	99
12) 1,3-Dichlorobenzene	6.775	146	177304	45.915	ng	98
13) 1,4-Dichlorobenzene	6.851	146	180467	46.309	ng	98
14) 1,2-Dichlorobenzene	7.004	146	171019	46.957	ng	100
15) Benzyl Alcohol	6.992	79	161697	50.963	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	287365	46.815	ng	52
17) 2-Methylphenol	7.104	107	137700	48.340	ng	# 84
18) Hexachloroethane	7.339	117	69622	47.461	ng	96
19) n-Nitroso-di-n-propyla...	7.257	70	136481	51.331	ng	95
20) 3+4-Methylphenols	7.263	107	184486	50.477	ng	# 74
22) Acetophenone	7.251	105	237547	44.997	ng	99
24) Nitrobenzene	7.428	77	201931	44.999	ng	99
25) Isophorone	7.663	82	353954	47.004	ng	97
26) 2-Nitrophenol	7.739	139	91698	47.496	ng	90
27) 2,4-Dimethylphenol	7.781	122	115941	50.192	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	204979	44.700	ng	98
29) 2,4-Dichlorophenol	7.992	162	140314	47.271	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	152633	44.558	ng	99
31) Naphthalene	8.139	128	507738	44.738	ng	100
32) Benzoic acid	7.945	122	45695	25.165	ng	93
33) 4-Chloroaniline	8.198	127	103130	27.071	ng	98
34) Hexachlorobutadiene	8.251	225	95704	46.127	ng	99
35) Caprolactam	8.586	113	24587	27.760	ng	94
36) 4-Chloro-3-methylphenol	8.692	107	164645	48.535	ng	99
37) 2-Methylnaphthalene	8.828	142	333637	46.548	ng	100
38) 1-Methylnaphthalene	8.928	142	310022	44.141	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	143996	42.227	ng	98
41) Hexachlorocyclopentadiene	8.975	237	72691	80.489	ng	98
43) 2,4,6-Trichlorophenol	9.116	196	90283	43.423	ng	99

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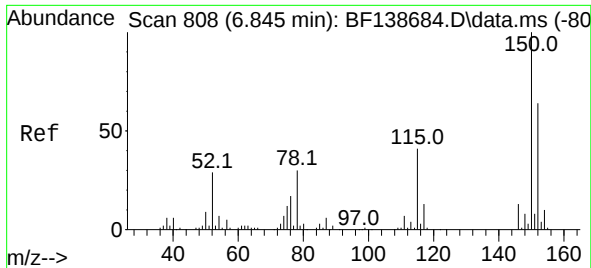
Quant Time: Aug 19 15:15:48 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	94910	41.756	ng	98
46) 1,1'-Biphenyl	9.292	154	400417	41.648	ng	99
47) 2-Chloronaphthalene	9.322	162	314390	43.968	ng	99
48) 2-Nitroaniline	9.427	65	117545	48.491	ng	95
49) Acenaphthylene	9.733	152	484117	47.737	ng	99
50) Dimethylphthalate	9.598	163	380902	48.527	ng	99
51) 2,6-Dinitrotoluene	9.669	165	81804	46.179	ng	# 85
52) Acenaphthene	9.910	154	298228	43.746	ng	99
53) 3-Nitroaniline	9.845	138	59904	32.712	ng	99
54) 2,4-Dinitrophenol	9.963	184	62663	76.844	ng	86
55) Dibenzofuran	10.080	168	445240	46.267	ng	97
56) 4-Nitrophenol	10.027	139	70166	63.716	ng	83
57) 2,4-Dinitrotoluene	10.080	165	111288	49.241	ng	# 81
58) Fluorene	10.422	166	363322	47.411	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	73967	42.566	ng	93
60) Diethylphthalate	10.298	149	375290	50.425	ng	100
61) 4-Chlorophenyl-phenyle...	10.410	204	178540	47.371	ng	95
62) 4-Nitroaniline	10.463	138	68866	39.572	ng	85
63) Azobenzene	10.574	77	393574	47.680	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	56948	45.241	ng	91
66) n-Nitrosodiphenylamine	10.533	169	308937	47.902	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	102873	46.051	ng	96
68) Hexachlorobenzene	10.969	284	104054	45.113	ng	98
69) Atrazine	11.063	200	86795	52.162	ng	98
70) Pentachlorophenol	11.174	266	60555	58.246	ng	98
71) Phenanthrene	11.386	178	508833	47.894	ng	100
72) Anthracene	11.439	178	513235	49.037	ng	100
73) Carbazole	11.598	167	425845	47.160	ng	99
74) Di-n-butylphthalate	11.916	149	569851	56.138	ng	99
75) Fluoranthene	12.574	202	469147	47.301	ng	99
77) Benzidine	12.704	184	21625	8.692	ng	99
78) Pyrene	12.804	202	460078	46.977	ng	99
80) Butylbenzylphthalate	13.410	149	175235	55.875	ng	99
81) Benzo(a)anthracene	13.992	228	324385	45.287	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	69543	37.939	ng	98
83) Chrysene	14.033	228	310204	48.002	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	217773	47.420	ng	98
85) Di-n-octyl phthalate	14.574	149	335755	39.516	ng	98
87) Indeno(1,2,3-cd)pyrene	16.956	276	311587	45.746	ng	96
88) Benzo(b)fluoranthene	15.045	252	289620	49.156	ng	97
89) Benzo(k)fluoranthene	15.074	252	274177	53.747	ng	98
90) Benzo(a)pyrene	15.409	252	264638	53.399	ng	99
91) Dibenzo(a,h)anthracene	16.962	278	254596	45.536	ng	98
92) Benzo(g,h,i)perylene	17.398	276	239150	41.219	ng	96

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

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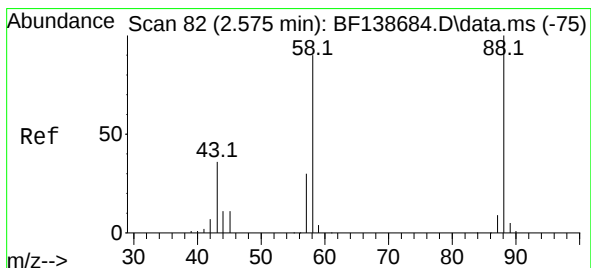
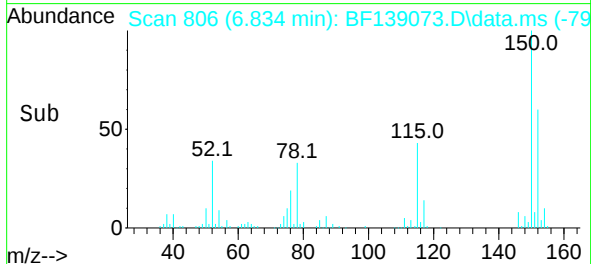
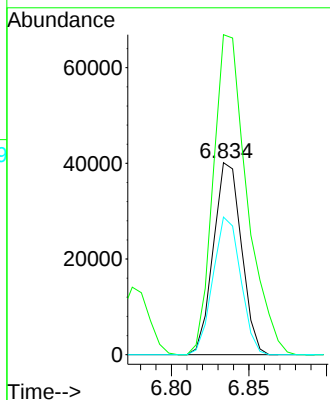
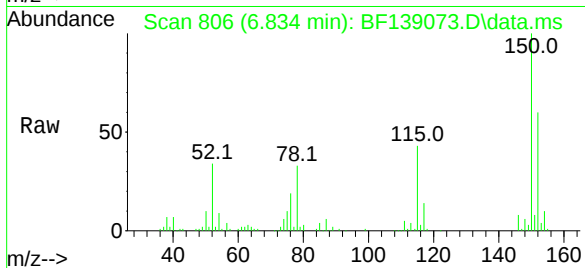




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

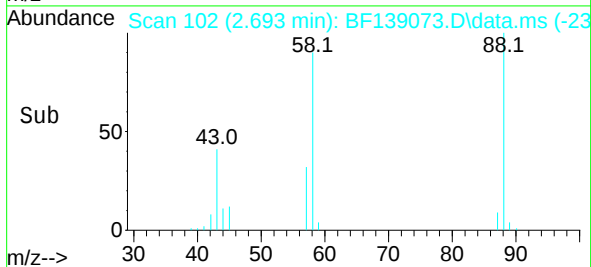
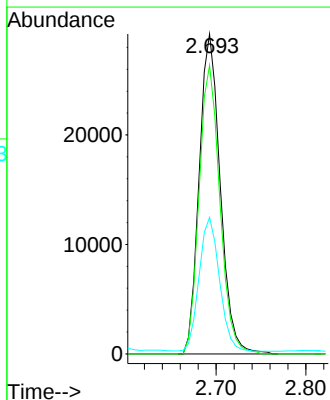
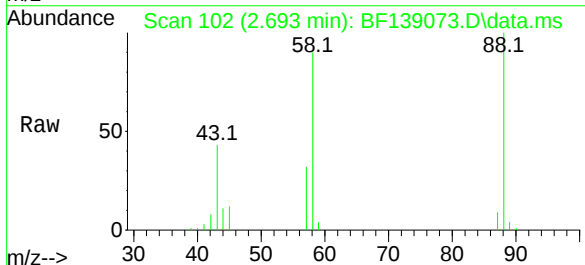
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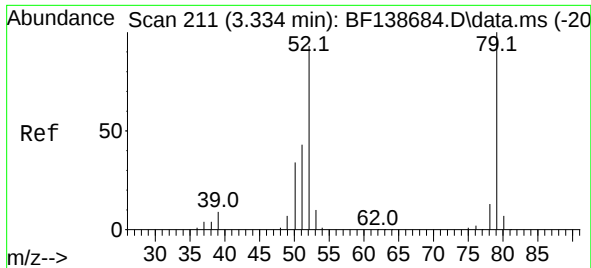
Tgt Ion:152 Resp: 50614
Ion Ratio Lower Upper
152 100
150 166.7 126.0 189.0
115 71.7 51.7 77.5



#2
1,4-Dioxane
Concen: 33.167 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion: 88 Resp: 47611
Ion Ratio Lower Upper
88 100
58 89.0 71.6 107.4
43 40.4 28.7 43.1





#3

Pyridine

Concen: 33.187 ng

RT: 3.446 min Scan# 211

Delta R.T. 0.112 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

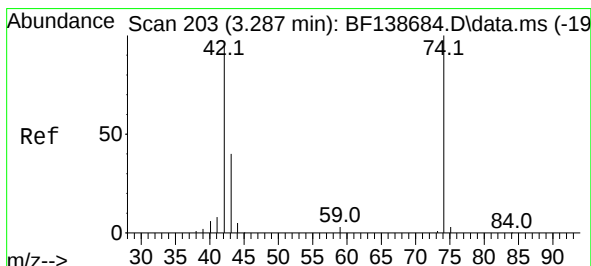
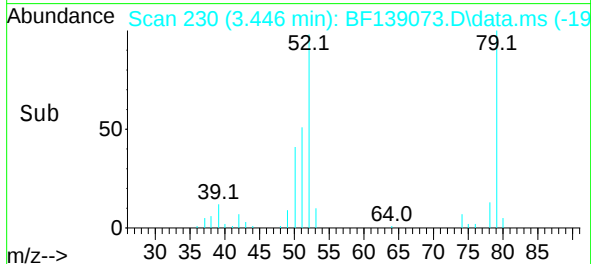
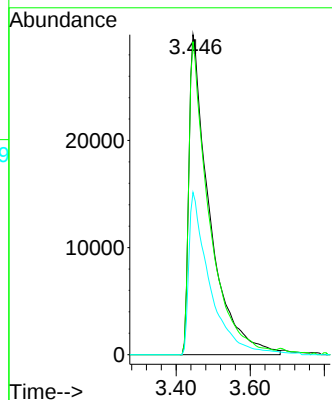
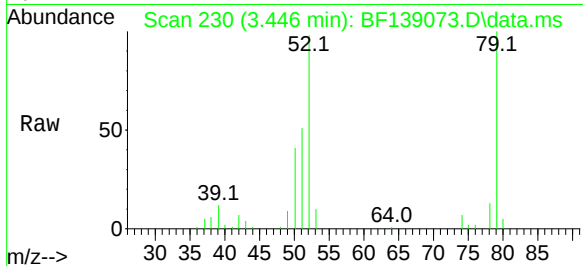
Tgt Ion: 79 Resp: 115403

Ion Ratio Lower Upper

79 100

52 97.8 74.7 112.1

51 50.7 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 56.088 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.123 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

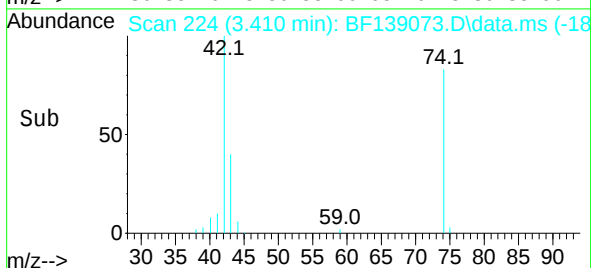
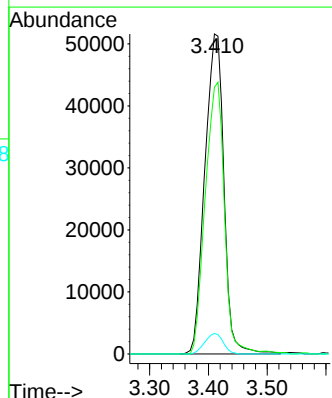
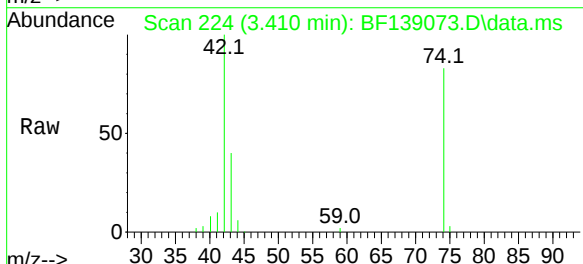
Tgt Ion: 42 Resp: 116163

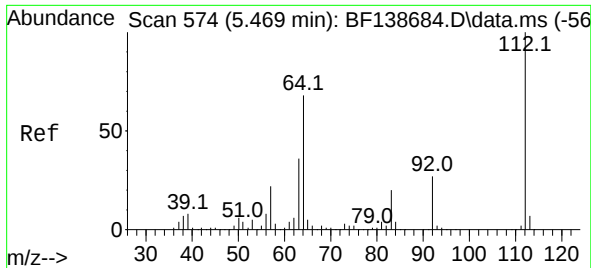
Ion Ratio Lower Upper

42 100

74 83.3 84.2 126.4#

44 6.4 4.9 7.3

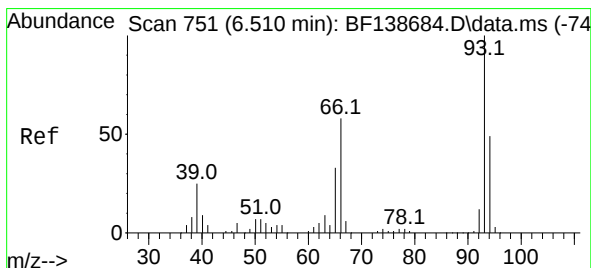
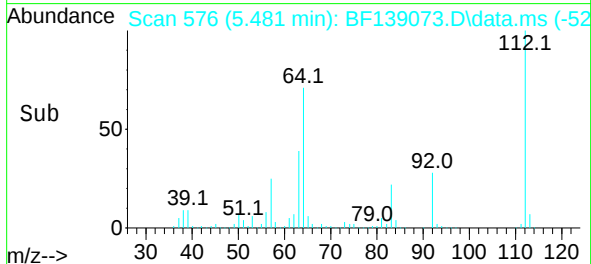
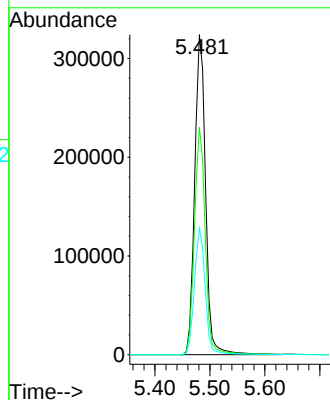
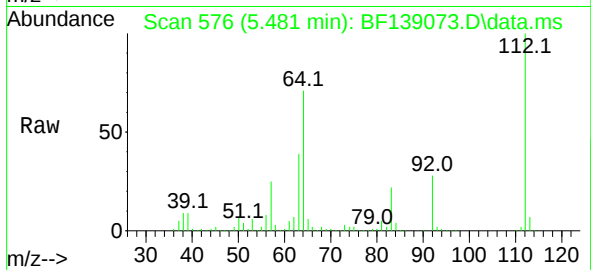




#5
2-Fluorophenol
Concen: 136.082 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

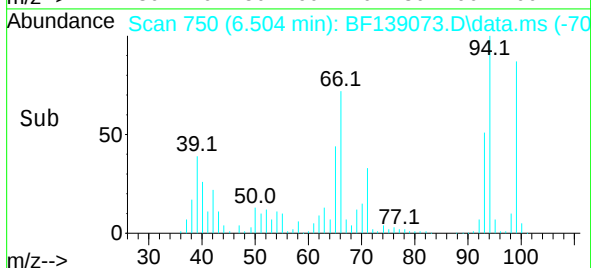
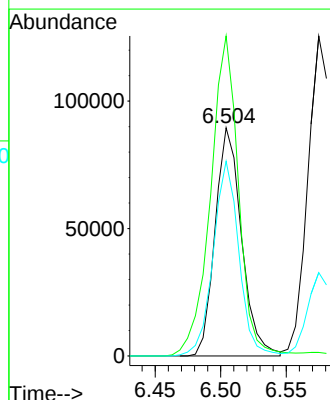
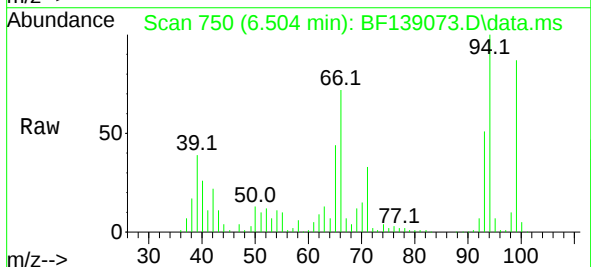
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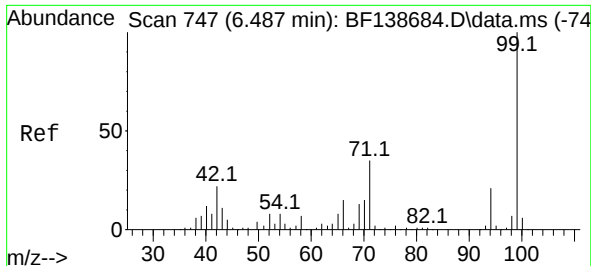
Tgt Ion:112 Resp: 446192
Ion Ratio Lower Upper
112 100
64 71.2 54.2 81.4
63 39.5 28.7 43.1



#6
Aniline
Concen: 31.909 ng
RT: 6.504 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion: 93 Resp: 125274
Ion Ratio Lower Upper
93 100
66 140.3 46.9 70.3#
65 85.3 26.5 39.7#

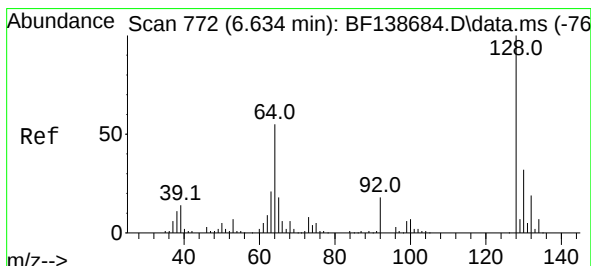
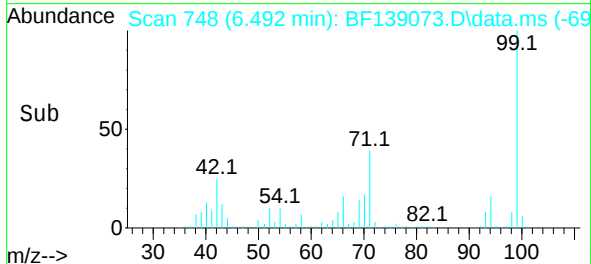
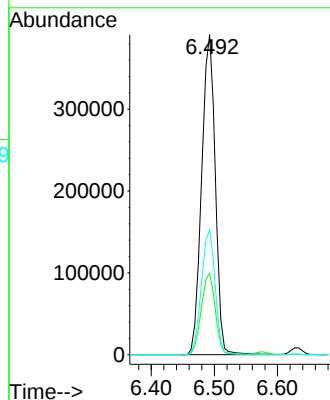
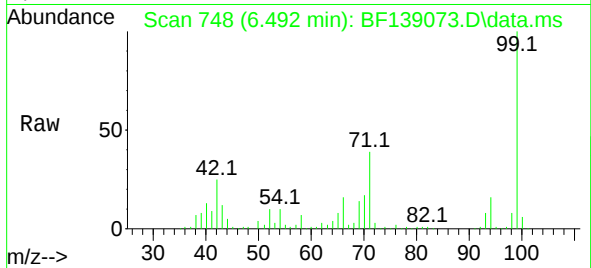




#7
Phenol-d6
Concen: 133.097 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

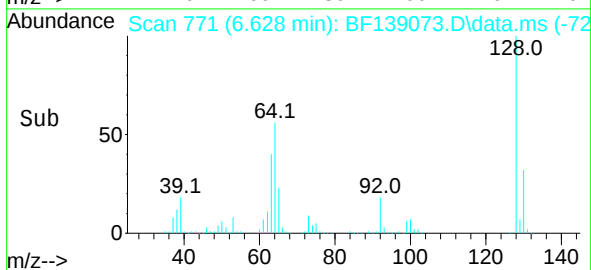
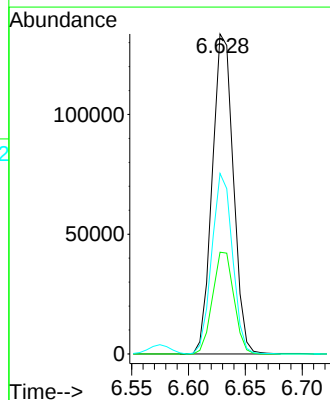
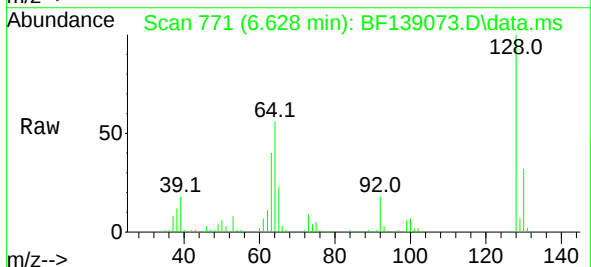
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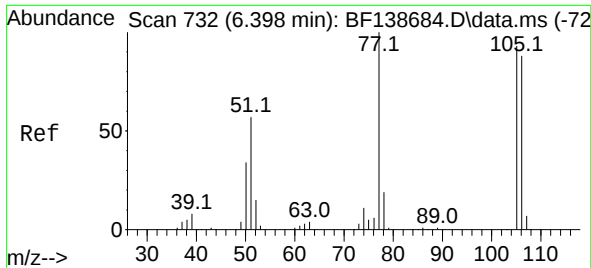
Tgt Ion: 99 Resp: 585918
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.0 28.1 42.1



#8
2-Chlorophenol
Concen: 49.956 ng
RT: 6.628 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:128 Resp: 172335
Ion Ratio Lower Upper
128 100
130 31.8 12.0 52.0
64 56.4 36.3 76.3





#9

Benzaldehyde

Concen: 19.709 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

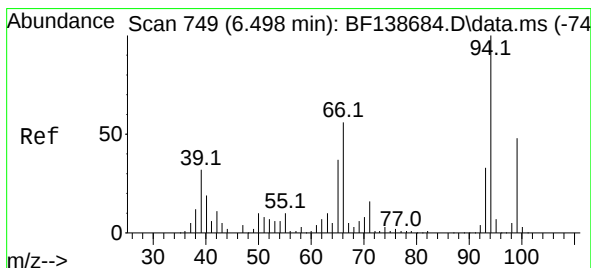
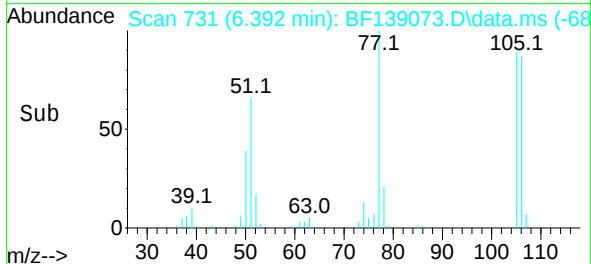
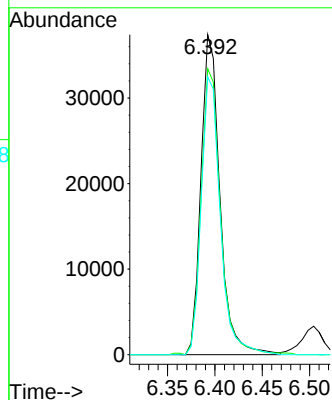
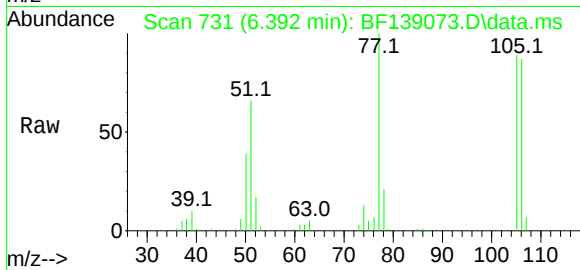
Tgt Ion: 77 Resp: 52011

Ion Ratio Lower Upper

77 100

105 89.3 72.9 112.9

106 86.8 68.4 108.4



#10

Phenol

Concen: 47.789 ng

RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

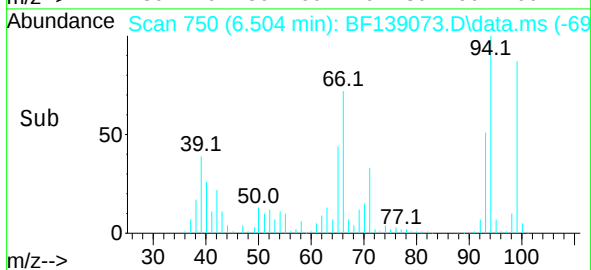
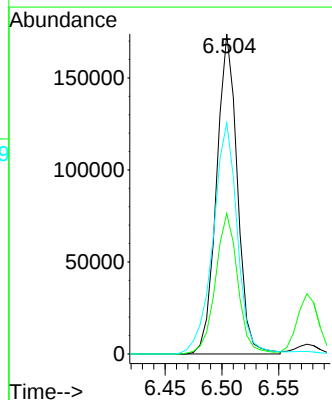
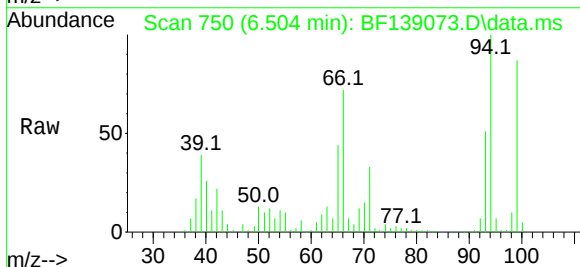
Tgt Ion: 94 Resp: 221502

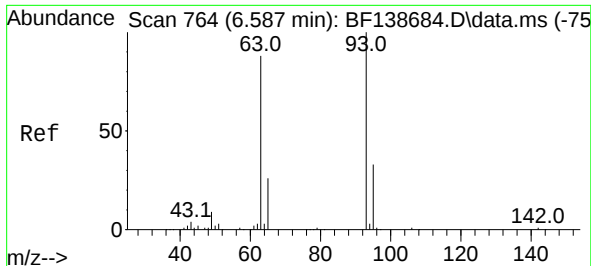
Ion Ratio Lower Upper

94 100

65 43.9 16.9 56.9

66 72.2 36.5 76.5

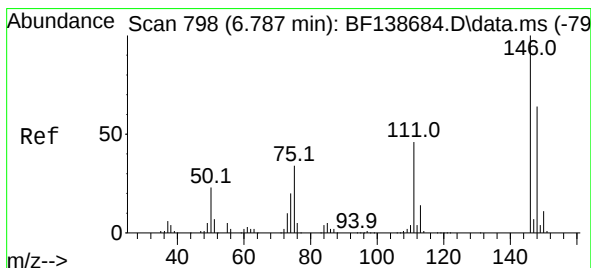
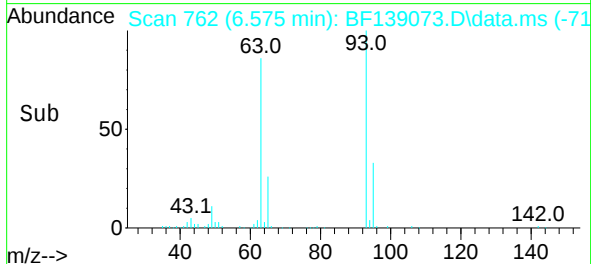
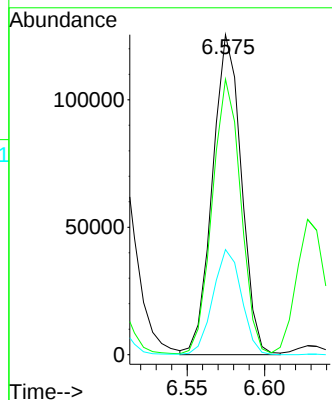
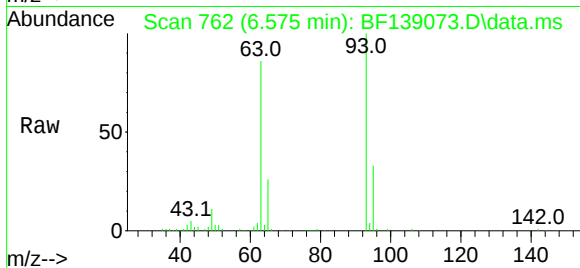




#11
bis(2-Chloroethyl)ether
Concen: 45.598 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

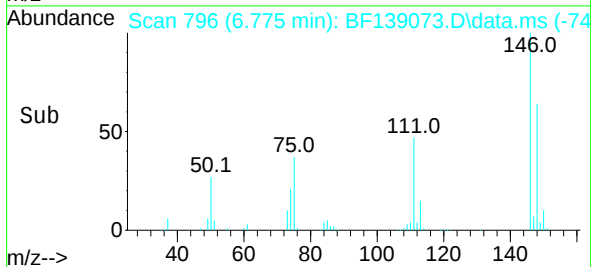
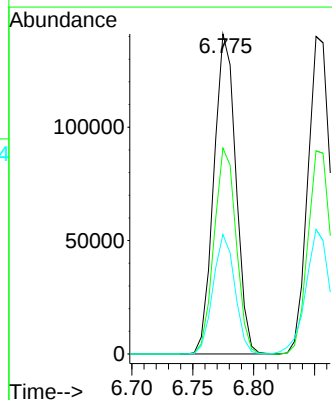
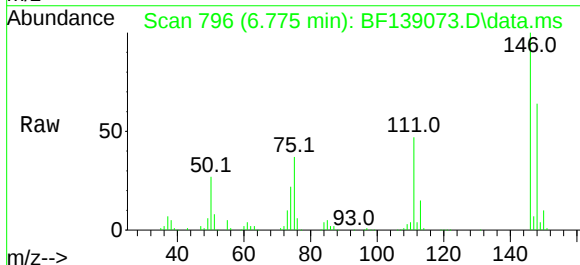
Instrument :
BNA_F
ClientSampleId :
PB162612BS

Tgt Ion: 93 Resp: 162639
Ion Ratio Lower Upper
93 100
63 86.1 65.3 105.3
95 32.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 45.915 ng
RT: 6.775 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:146 Resp: 177304
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 37.4 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 46.309 ng

RT: 6.851 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

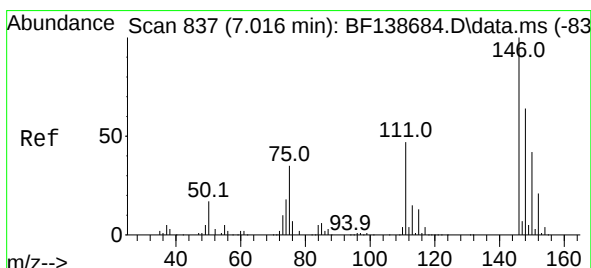
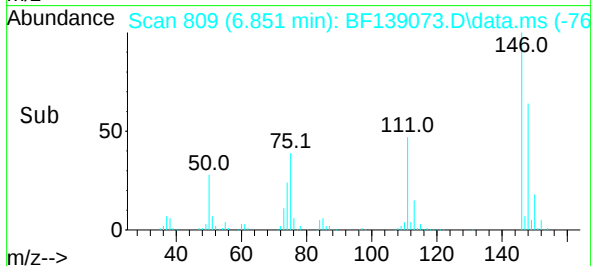
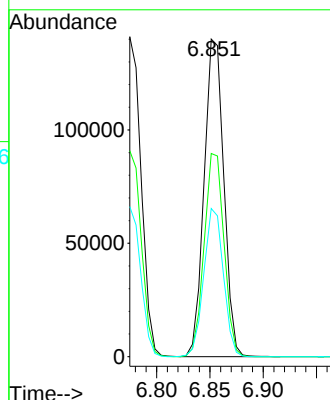
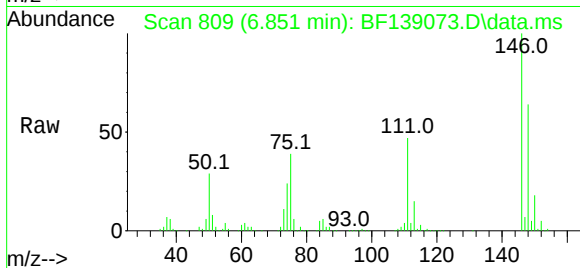
Tgt Ion:146 Resp: 180467

Ion Ratio Lower Upper

146 100

148 64.0 50.2 75.2

111 46.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 46.957 ng

RT: 7.004 min Scan# 835

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

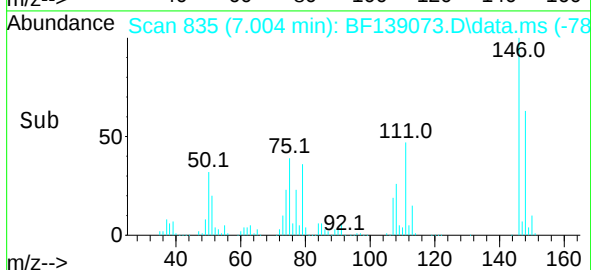
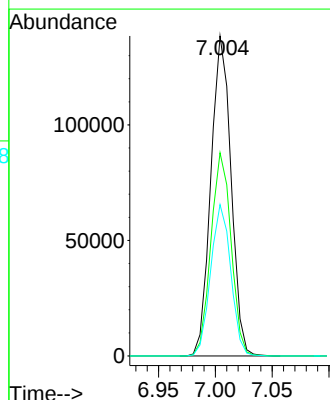
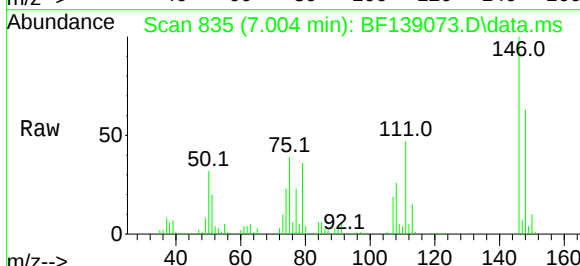
Tgt Ion:146 Resp: 171019

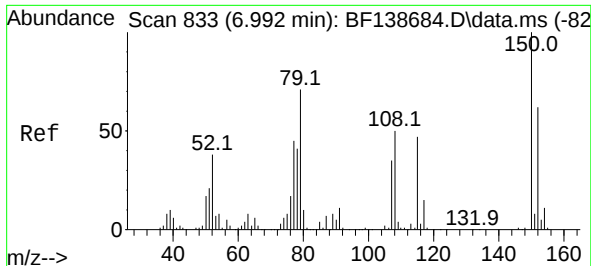
Ion Ratio Lower Upper

146 100

148 63.5 50.8 76.2

111 47.3 37.4 56.2





#15

Benzyl Alcohol

Concen: 50.963 ng

RT: 6.992 min Scan# 841

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

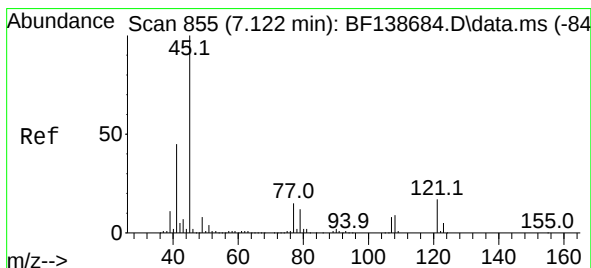
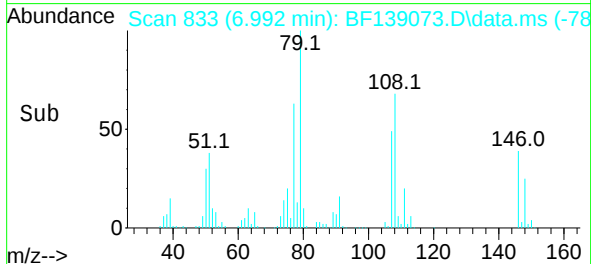
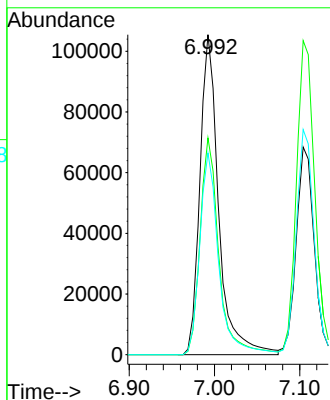
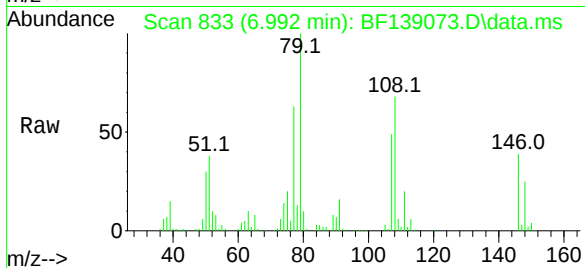
Tgt Ion: 79 Resp: 161697

Ion Ratio Lower Upper

79 100

108 67.8 56.6 85.0

77 63.1 50.3 75.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.815 ng

RT: 7.104 min Scan# 852

Delta R.T. -0.018 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

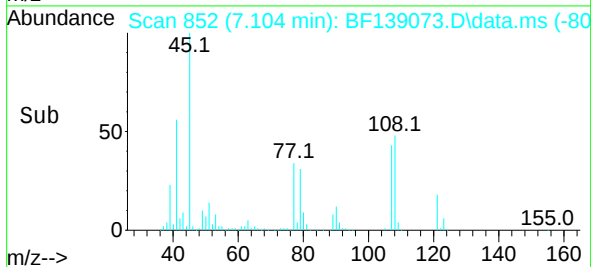
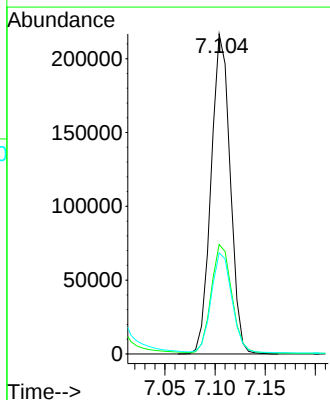
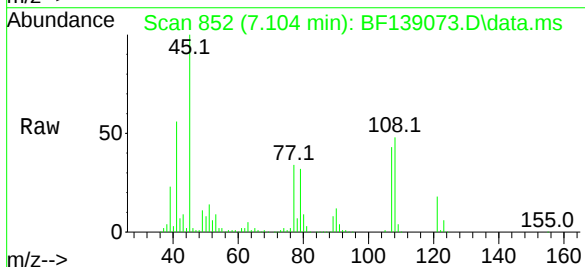
Tgt Ion: 45 Resp: 287365

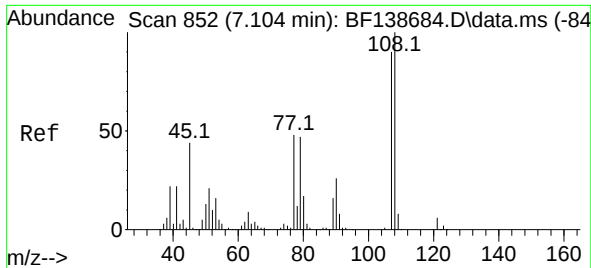
Ion Ratio Lower Upper

45 100

77 34.2 0.0 34.9

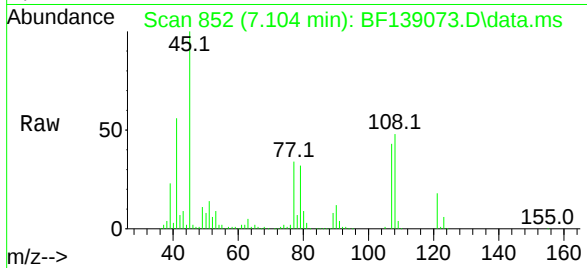
79 31.6 0.0 32.2



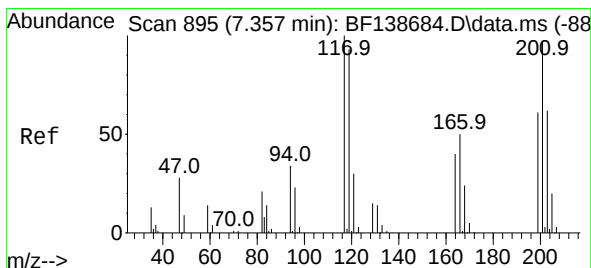
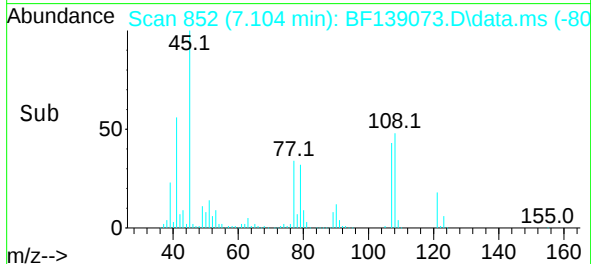
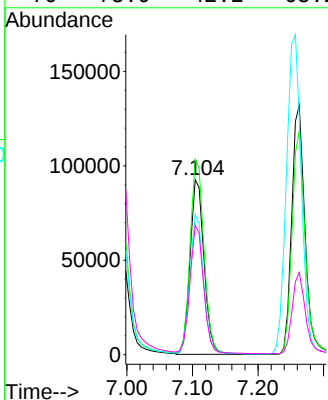


#17
2-Methylphenol
Concen: 48.340 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Instrument :
BNA_F
ClientSampleId :
PB162612BS

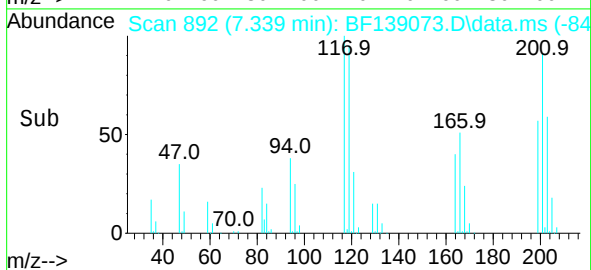
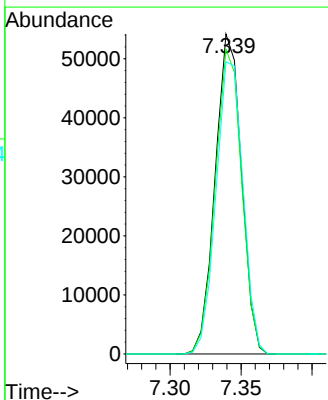
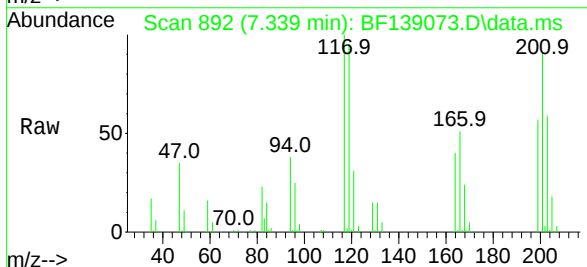


Tgt Ion:107 Resp: 137700
Ion Ratio Lower Upper
107 100
108 111.7 89.2 133.8
77 80.1 43.0 64.4#
79 73.9 42.2 63.2#



#18
Hexachloroethane
Concen: 47.461 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:117 Resp: 69622
Ion Ratio Lower Upper
117 100
119 95.2 74.6 111.8
201 91.3 77.2 115.8

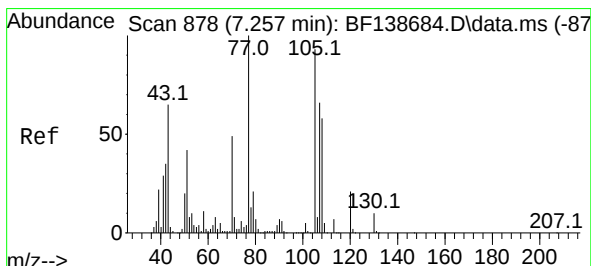
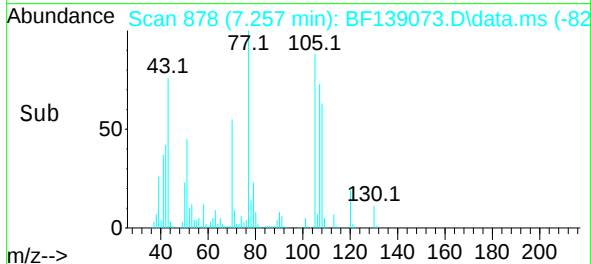
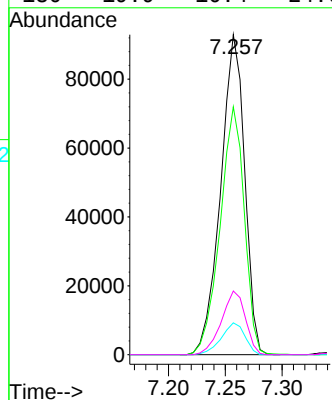
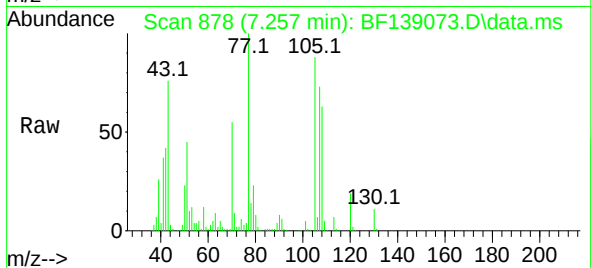




#19
n-Nitroso-di-n-propylamine
Concen: 51.331 ng
RT: 7.257 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

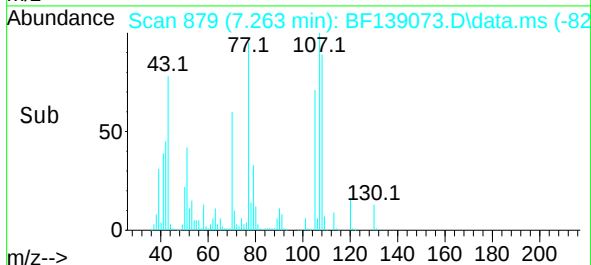
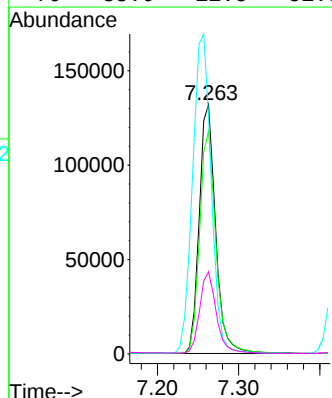
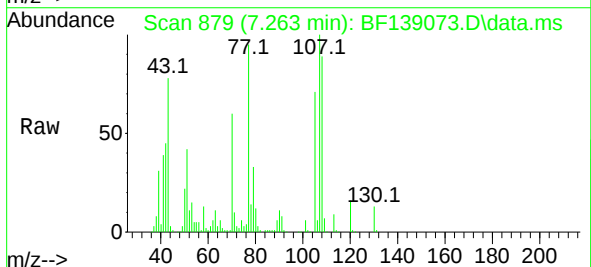
Instrument :
BNA_F
ClientSampleId :
PB162612BS

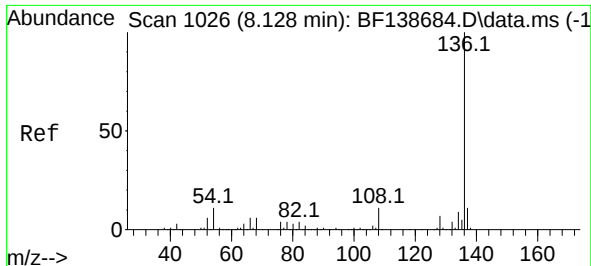
Tgt Ion: 70 Resp: 136481
Ion Ratio Lower Upper
70 100
42 77.5 57.4 86.0
101 10.0 7.5 11.3
130 19.9 16.4 24.6



#20
3+4-Methylphenols
Concen: 50.477 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:107 Resp: 184486
Ion Ratio Lower Upper
107 100
108 89.3 68.2 108.2
77 95.4 132.1 172.1#
79 33.0 11.5 51.5

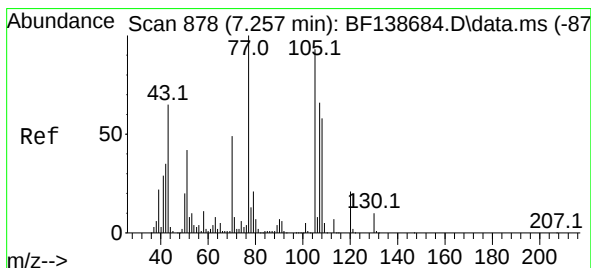
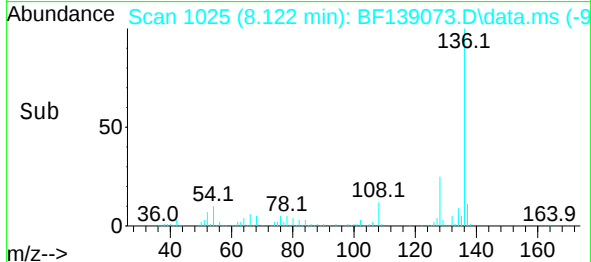
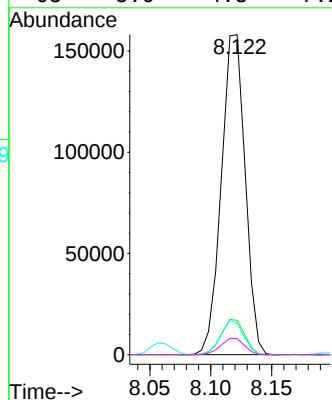
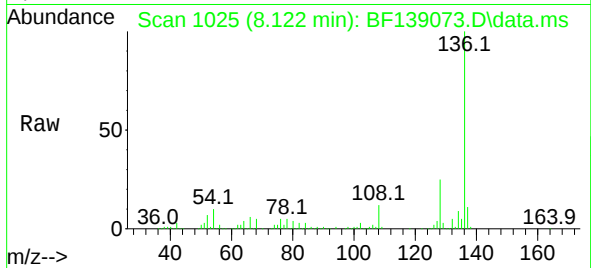




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

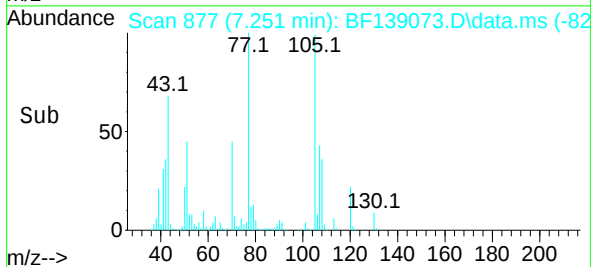
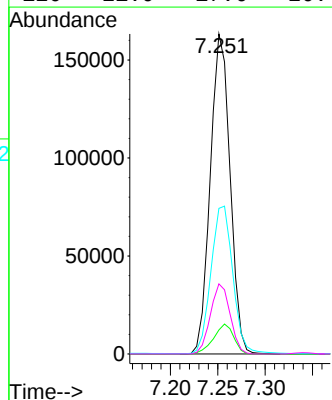
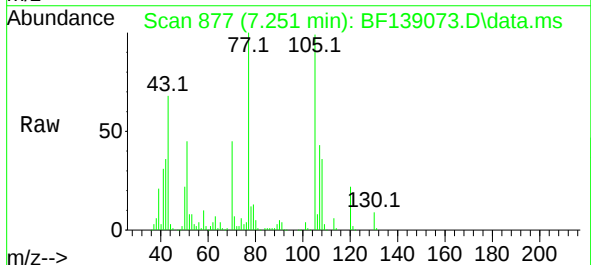
Instrument :
BNA_F
ClientSampleId :
PB162612BS

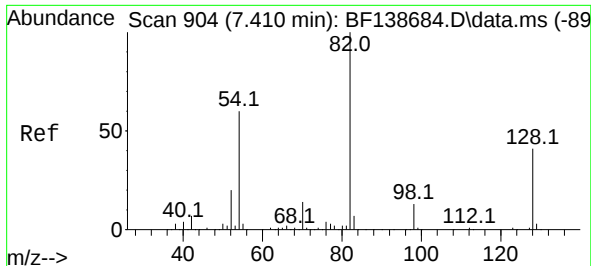
Tgt Ion:136 Resp: 215610
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.8 8.6 12.8
68 5.0 4.8 7.2



#22
Acetophenone
Concen: 44.997 ng
RT: 7.251 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:105 Resp: 237547
Ion Ratio Lower Upper
105 100
71 7.5 7.2 10.8
51 45.5 35.9 53.9
120 21.9 17.6 26.4

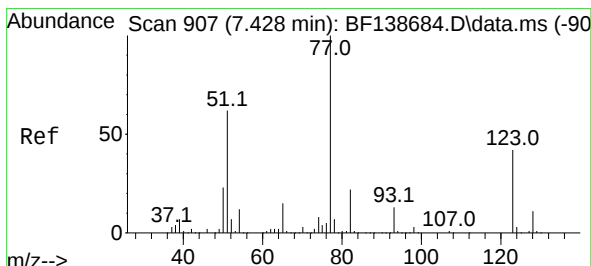
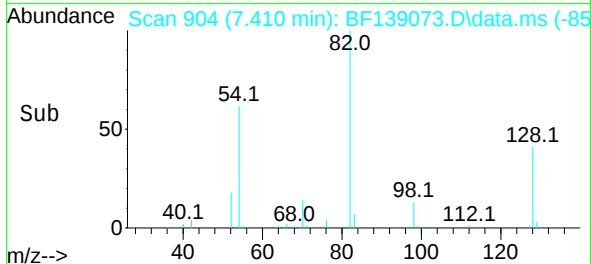
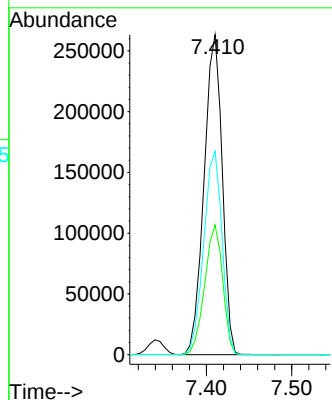
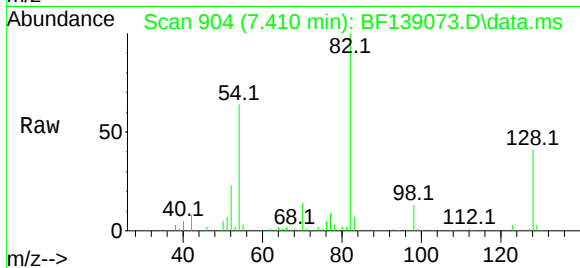




#23
Nitrobenzene-d5
Concen: 88.479 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

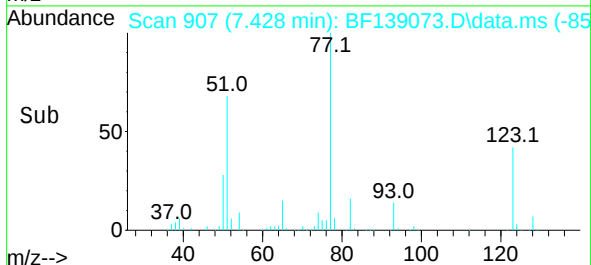
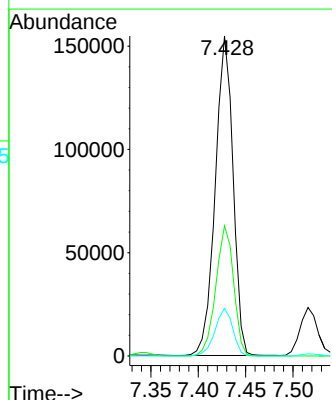
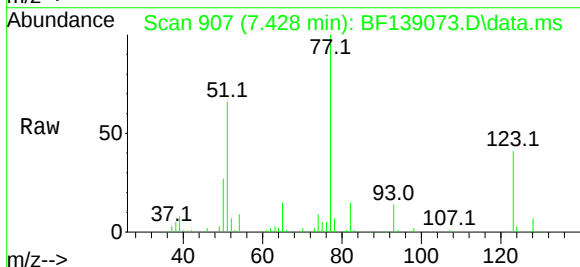
Instrument :
BNA_F
ClientSampleId :
PB162612BS

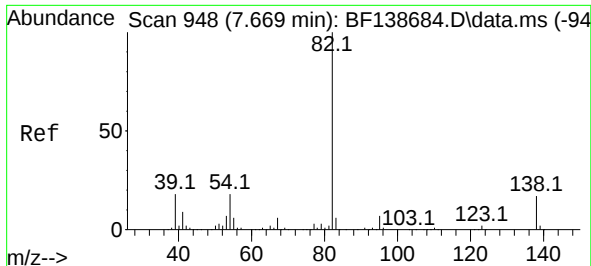
Tgt Ion: 82 Resp: 390192
Ion Ratio Lower Upper
82 100
128 40.6 32.8 49.2
54 63.6 48.3 72.5



#24
Nitrobenzene
Concen: 44.999 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion: 77 Resp: 201931
Ion Ratio Lower Upper
77 100
123 40.7 33.3 49.9
65 14.9 11.9 17.9

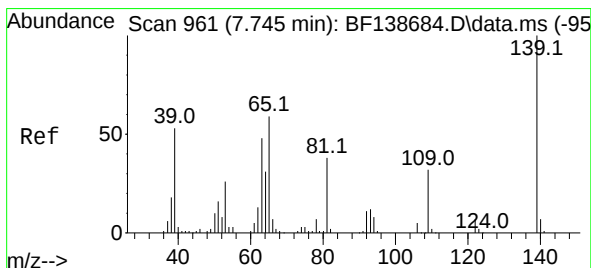
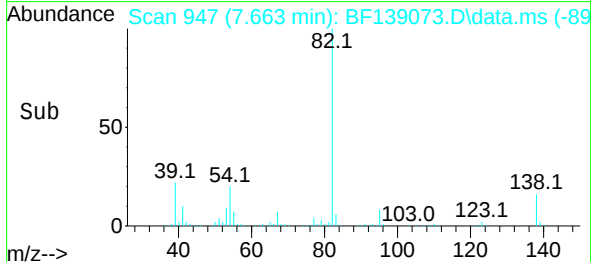
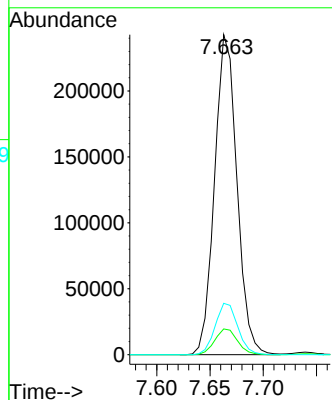
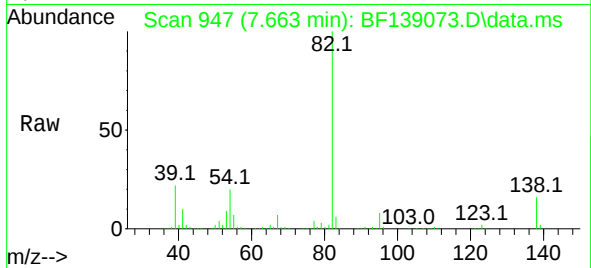




#25
Isophorone
Concen: 47.004 ng
RT: 7.663 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

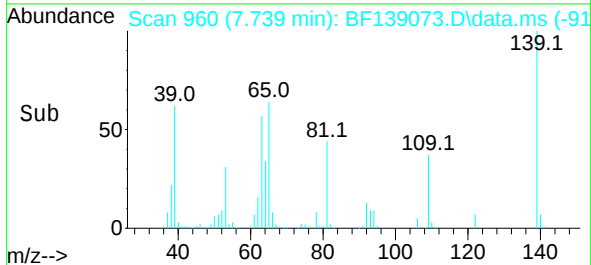
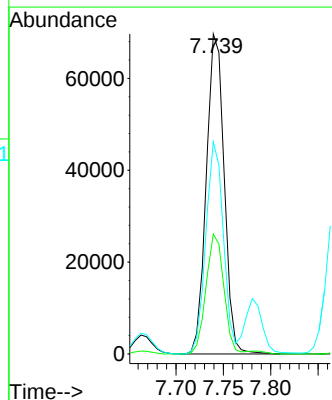
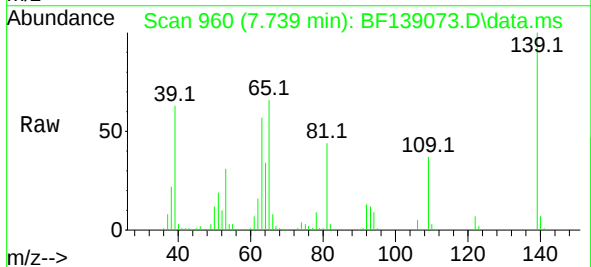
Instrument :
BNA_F
ClientSampleId :
PB162612BS

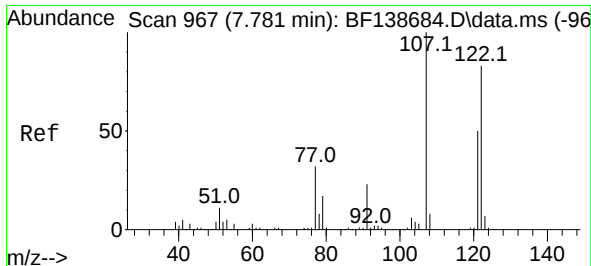
Tgt Ion: 82 Resp: 353954
Ion Ratio Lower Upper
82 100
95 8.1 5.7 8.5
138 16.1 13.7 20.5



#26
2-Nitrophenol
Concen: 47.496 ng
RT: 7.739 min Scan# 960
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:139 Resp: 91698
Ion Ratio Lower Upper
139 100
109 37.4 25.9 38.9
65 66.3 47.0 70.6

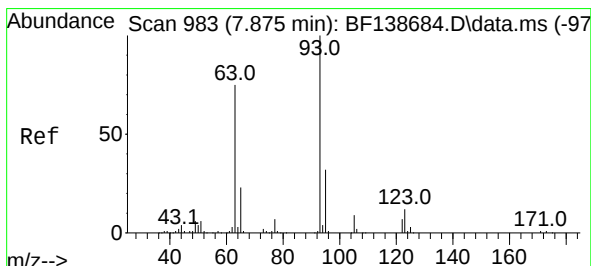
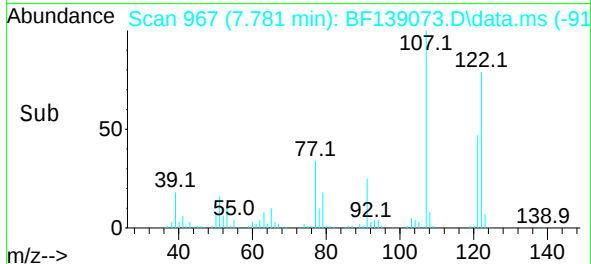
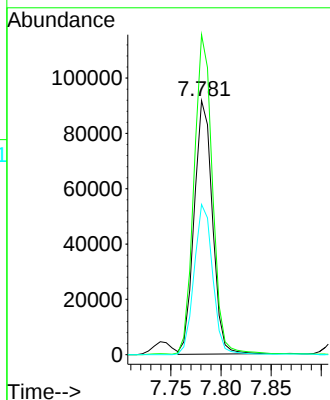
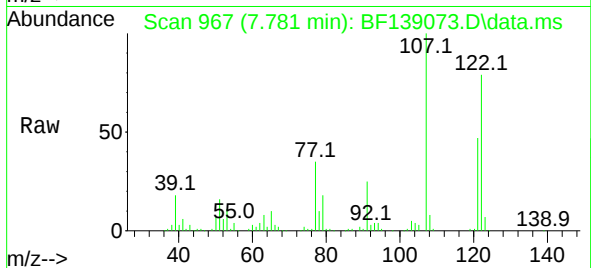




#27
2,4-Dimethylphenol
Concen: 50.192 ng
RT: 7.781 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

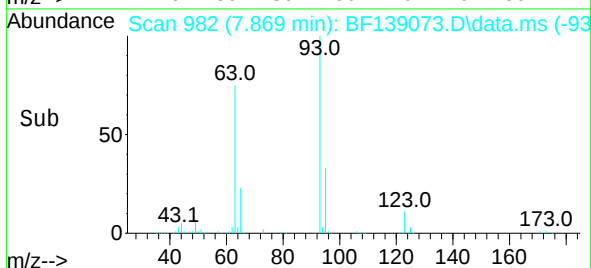
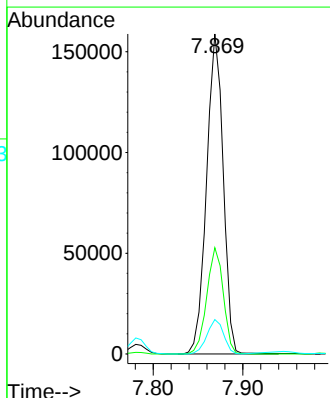
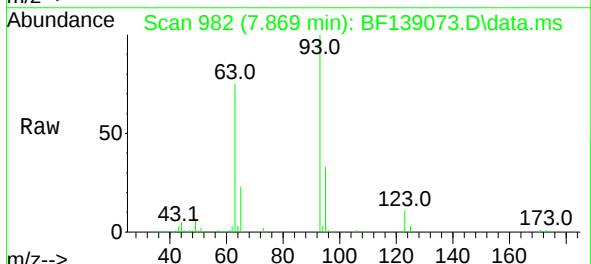
Instrument :
BNA_F
ClientSampleId :
PB162612BS

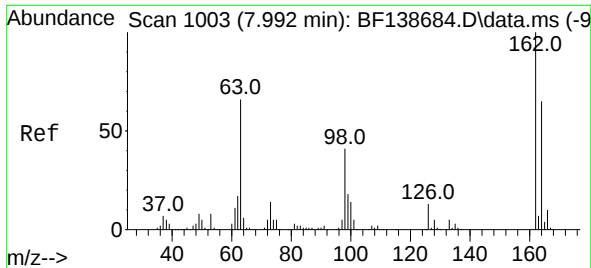
Tgt Ion:122 Resp: 115941
Ion Ratio Lower Upper
122 100
107 125.9 95.0 142.6
121 59.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.700 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

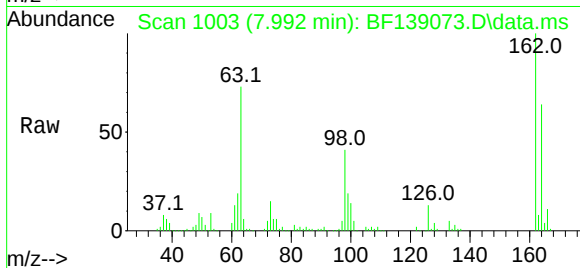
Tgt Ion: 93 Resp: 204979
Ion Ratio Lower Upper
93 100
95 33.2 25.8 38.8
123 10.8 9.4 14.0



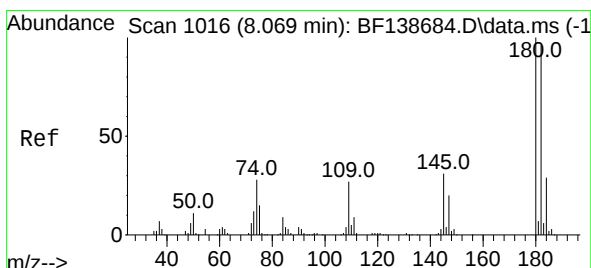
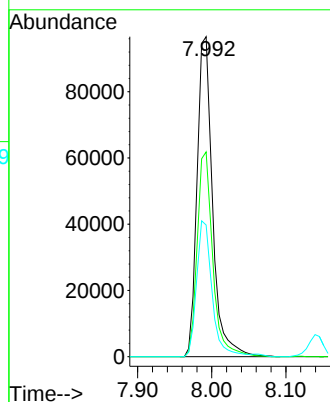
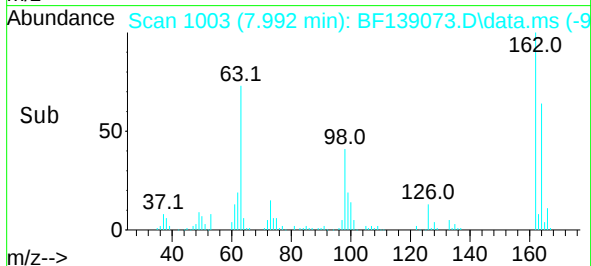


#29
2,4-Dichlorophenol
Concen: 47.271 ng
RT: 7.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

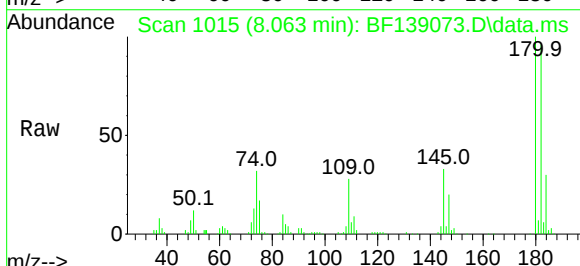
Instrument :
BNA_F
ClientSampleId :
PB162612BS



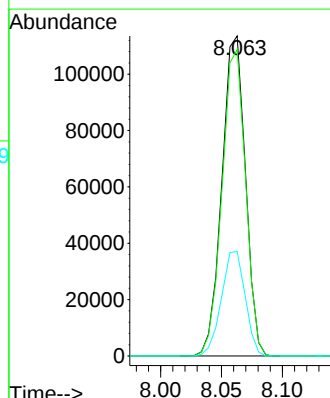
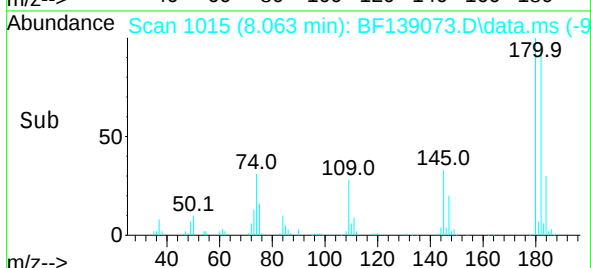
Tgt Ion:162 Resp: 140314
Ion Ratio Lower Upper
162 100
164 64.0 44.7 84.7
98 41.1 20.8 60.8

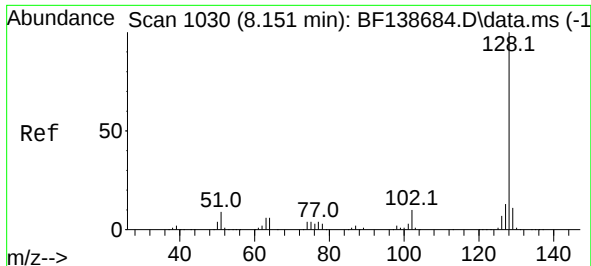


#30
1,2,4-Trichlorobenzene
Concen: 44.558 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46



Tgt Ion:180 Resp: 152633
Ion Ratio Lower Upper
180 100
182 95.7 76.9 115.3
145 32.6 25.0 37.4





#31

Naphthalene

Concen: 44.738 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

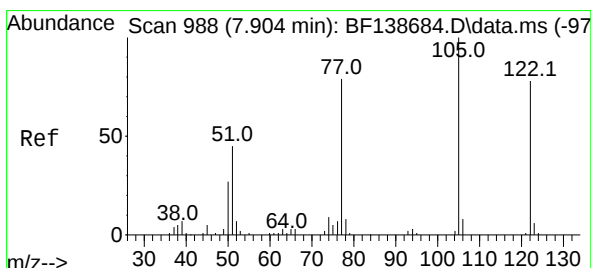
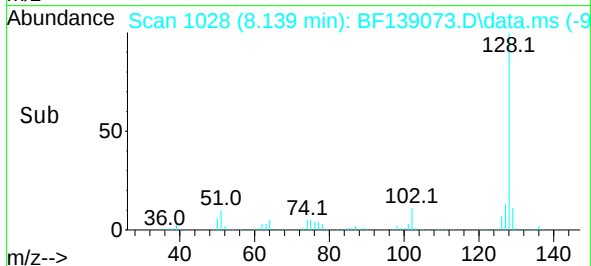
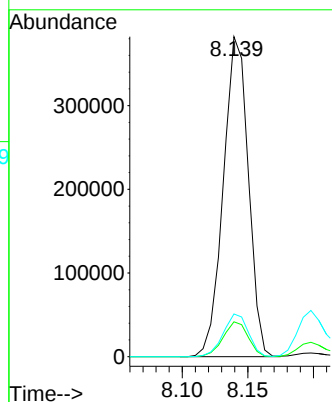
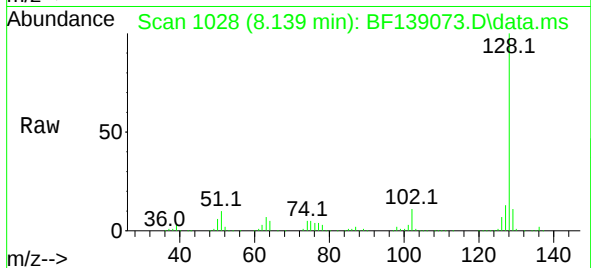
Tgt Ion:128 Resp: 507738

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.3 10.6 16.0



#32

Benzoic acid

Concen: 25.165 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.041 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

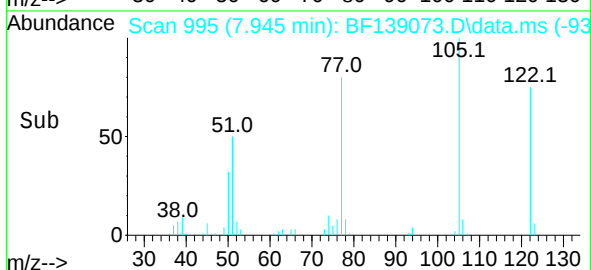
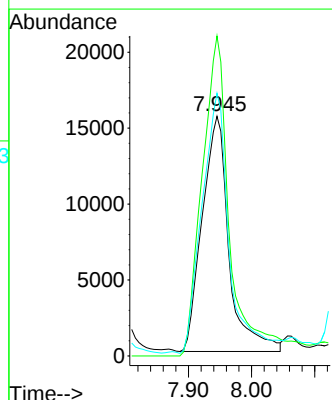
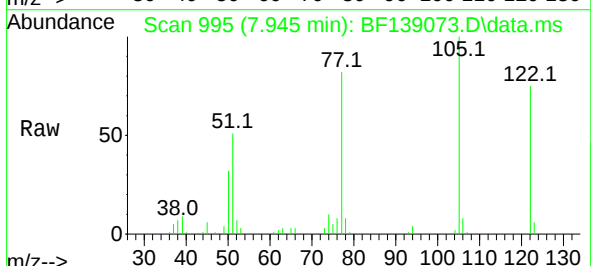
Tgt Ion:122 Resp: 45695

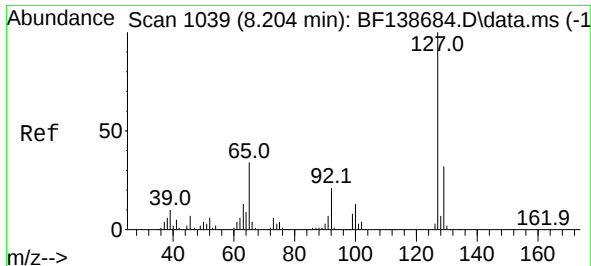
Ion Ratio Lower Upper

122 100

105 133.5 106.7 146.7

77 109.6 81.1 121.1





#33

4-Chloroaniline

Concen: 27.071 ng

RT: 8.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

Tgt Ion:127 Resp: 103130

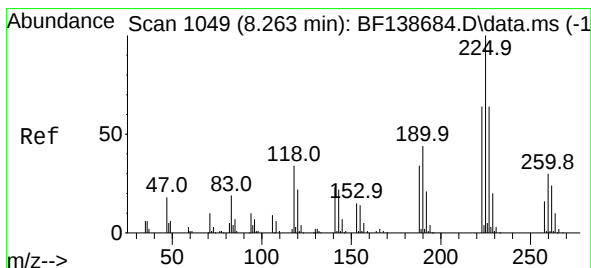
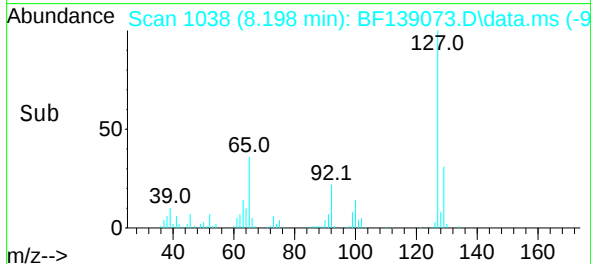
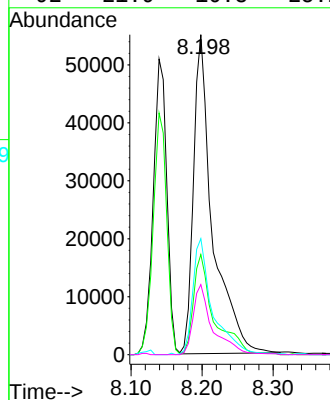
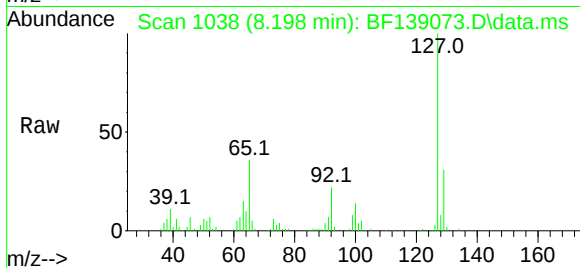
Ion Ratio Lower Upper

127 100

129 31.3 25.9 38.9

65 36.3 27.6 41.4

92 21.9 16.8 25.2



#34

Hexachlorobutadiene

Concen: 46.127 ng

RT: 8.251 min Scan# 1047

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

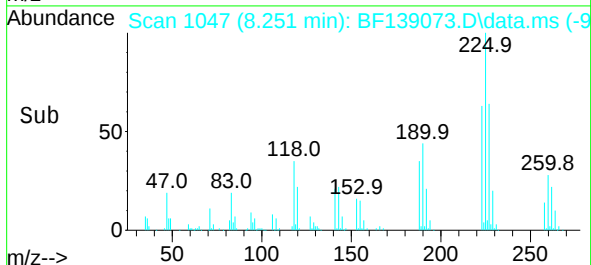
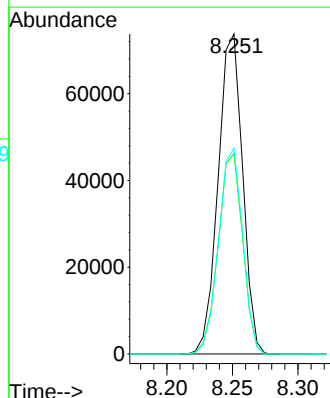
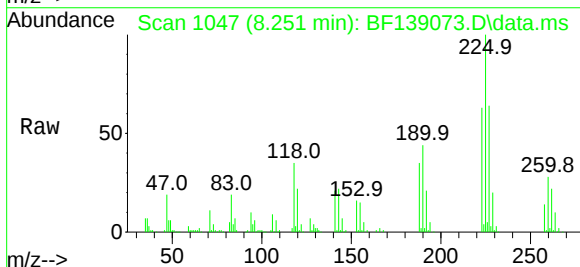
Tgt Ion:225 Resp: 95704

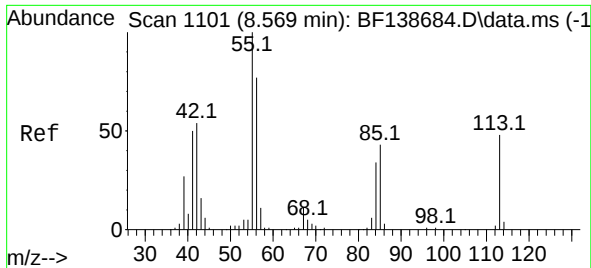
Ion Ratio Lower Upper

225 100

223 62.6 51.2 76.8

227 64.3 51.1 76.7





#35

Caprolactam

Concen: 27.760 ng

RT: 8.586 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

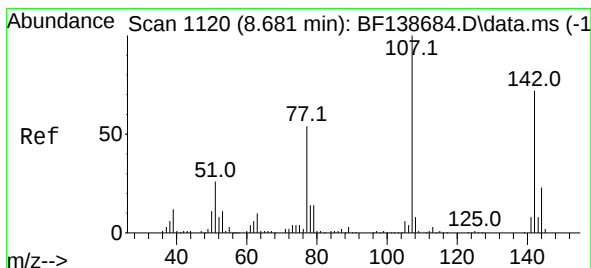
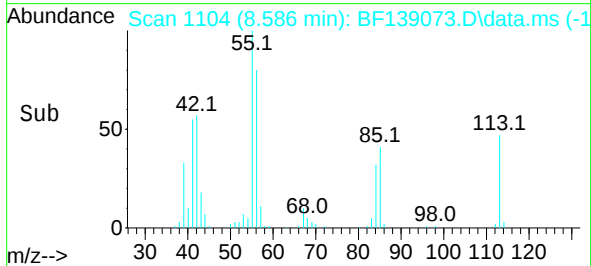
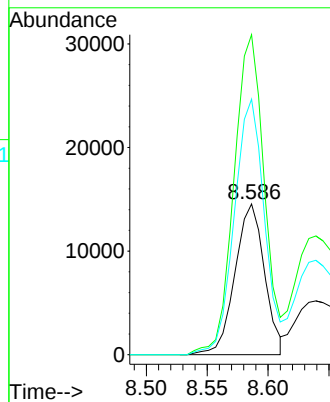
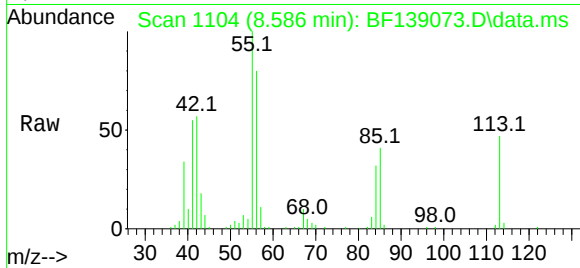
Tgt Ion:113 Resp: 24587

Ion Ratio Lower Upper

113 100

55 212.4 186.7 226.7

56 169.5 138.9 178.9



#36

4-Chloro-3-methylphenol

Concen: 48.535 ng

RT: 8.692 min Scan# 1122

Delta R.T. 0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

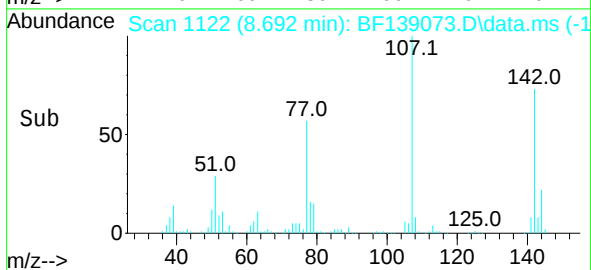
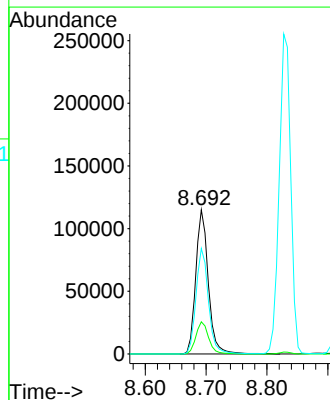
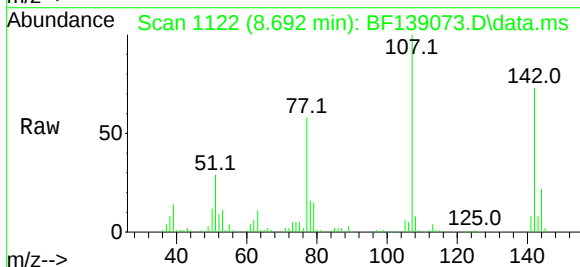
Tgt Ion:107 Resp: 164645

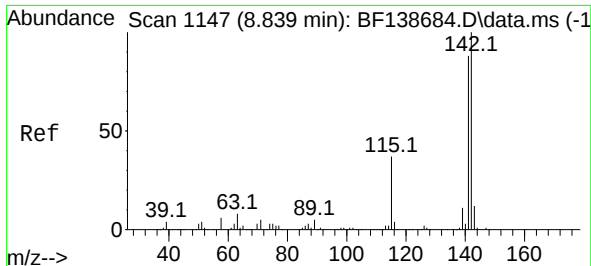
Ion Ratio Lower Upper

107 100

144 22.3 18.2 27.2

142 73.2 57.4 86.2





#37

2-Methylnaphthalene

Concen: 46.548 ng

RT: 8.828 min Scan# 1145

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

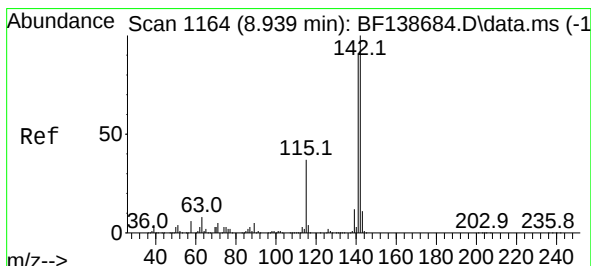
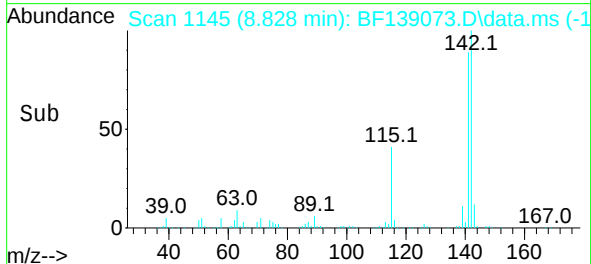
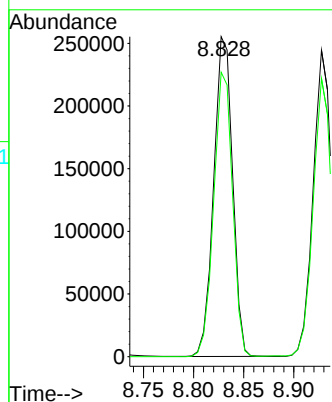
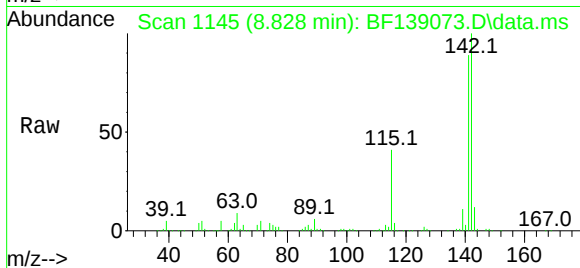
PB162612BS

Tgt Ion:142 Resp: 333637

Ion Ratio Lower Upper

142 100

141 88.9 70.8 106.2



#38

1-Methylnaphthalene

Concen: 44.141 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF139073.D

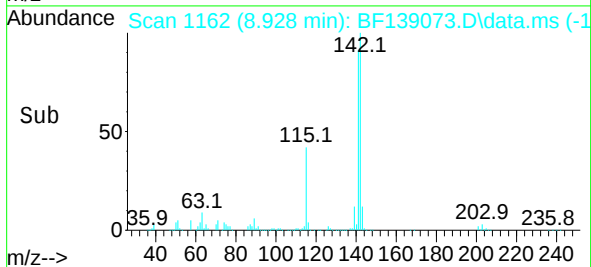
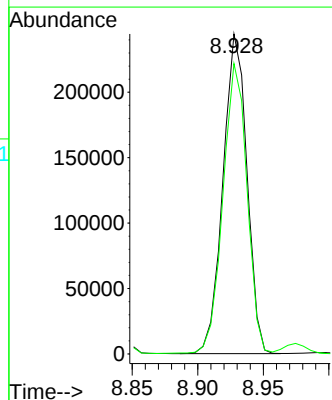
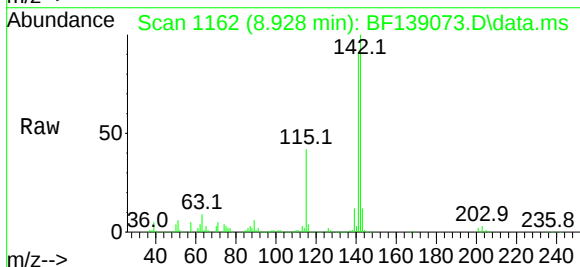
Acq: 19 Aug 2024 14:46

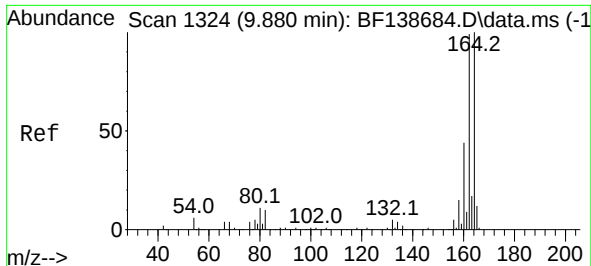
Tgt Ion:142 Resp: 310022

Ion Ratio Lower Upper

142 100

141 90.8 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: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

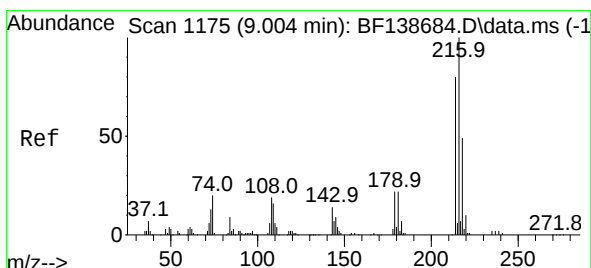
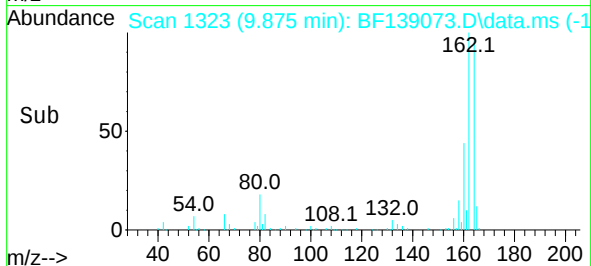
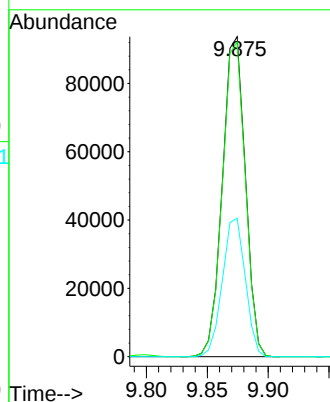
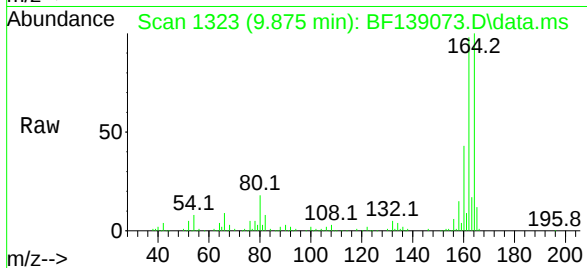
Tgt Ion:164 Resp: 122758

Ion Ratio Lower Upper

164 100

162 98.3 79.4 119.0

160 43.3 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.227 ng

RT: 8.998 min Scan# 1174

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Tgt Ion:216 Resp: 143996

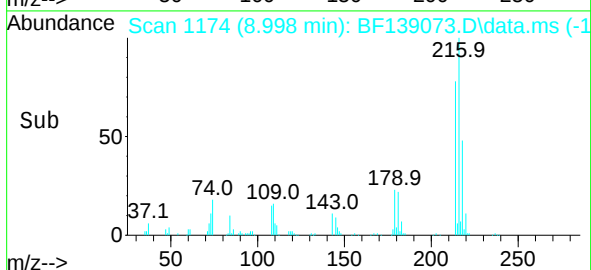
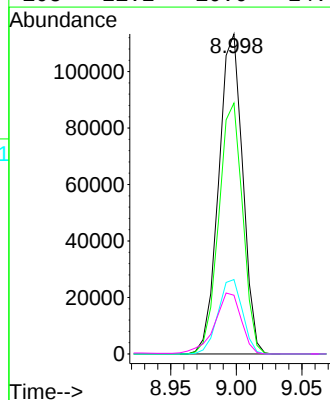
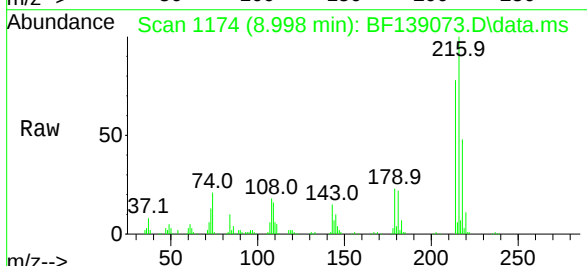
Ion Ratio Lower Upper

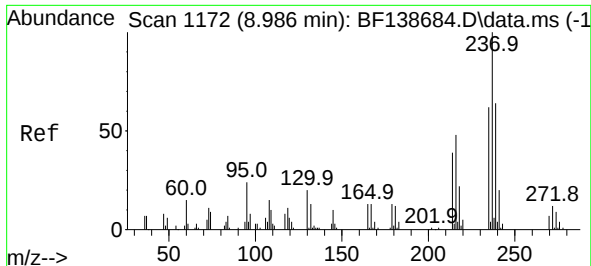
216 100

214 78.0 63.9 95.9

179 23.7 17.8 26.6

108 21.2 16.0 24.0

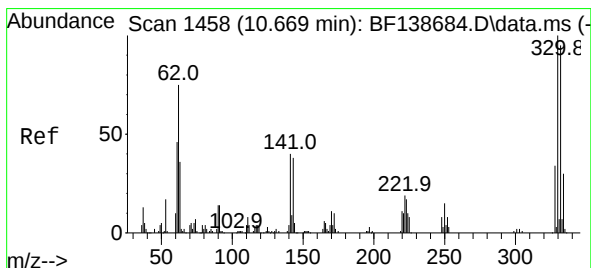
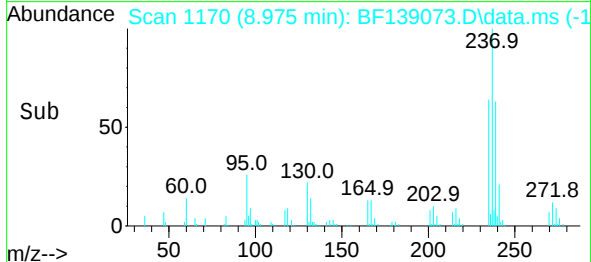
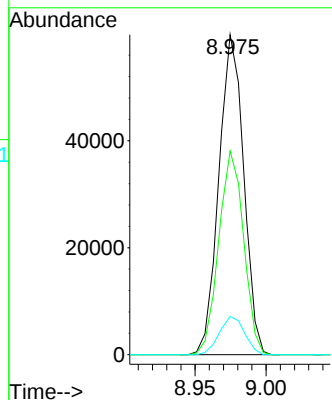
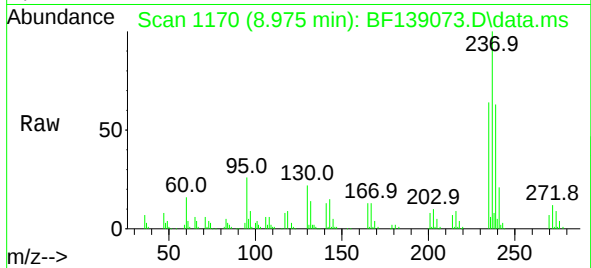




#41
Hexachlorocyclopentadiene
Concen: 80.489 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.011 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

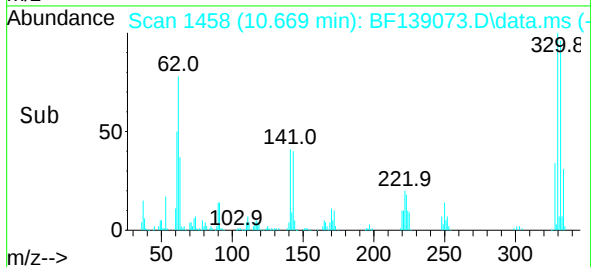
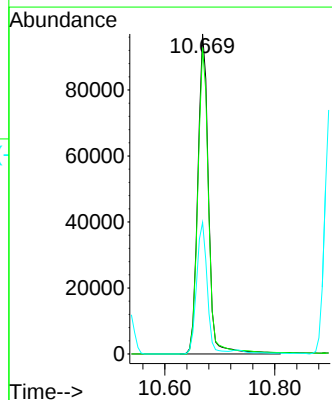
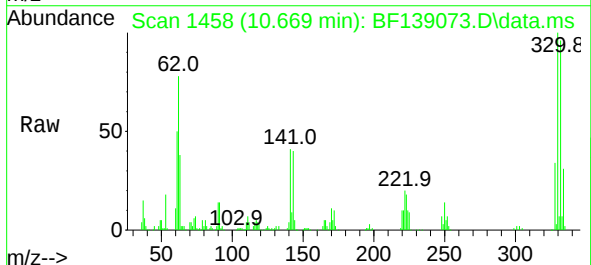
Instrument :
BNA_F
ClientSampleId :
PB162612BS

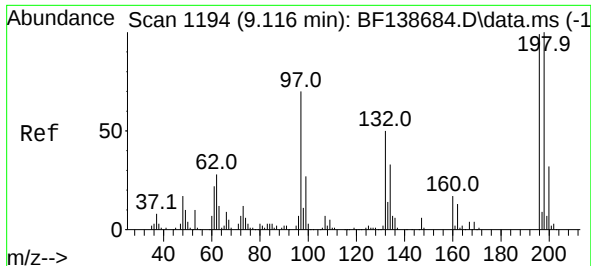
Tgt Ion:237 Resp: 72691
Ion Ratio Lower Upper
237 100
235 63.7 41.8 81.8
272 12.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 130.860 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:330 Resp: 131587
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 40.5 31.1 46.7





#43

2,4,6-Trichlorophenol

Concen: 43.423 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

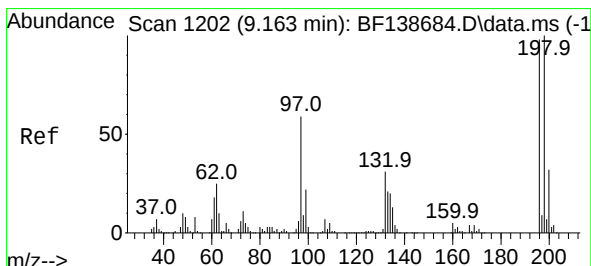
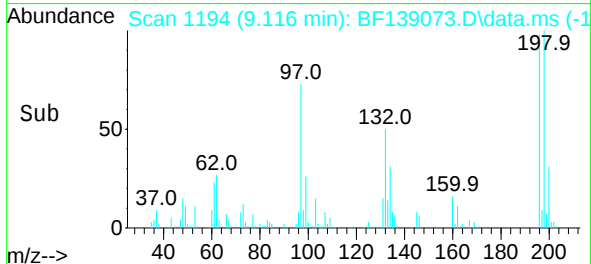
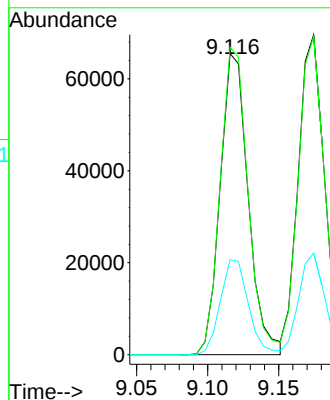
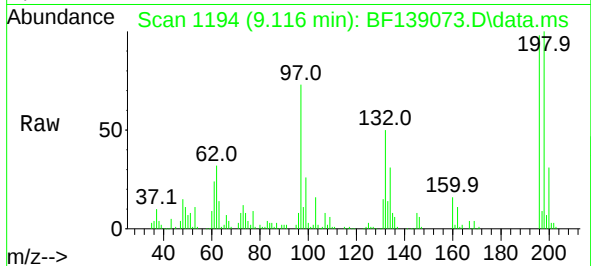
Tgt Ion:196 Resp: 90283

Ion Ratio Lower Upper

196 100

198 102.1 80.5 120.7

200 31.6 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 41.756 ng

RT: 9.175 min Scan# 1204

Delta R.T. 0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Tgt Ion:196 Resp: 94910

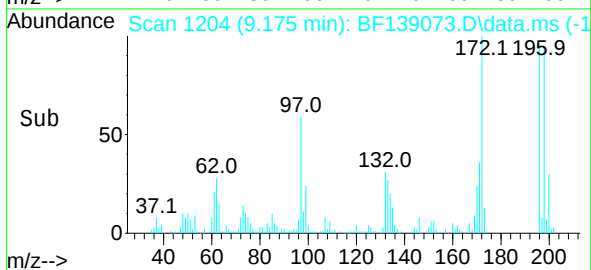
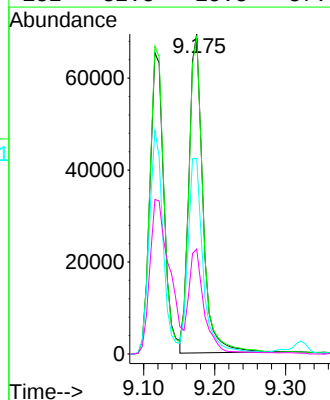
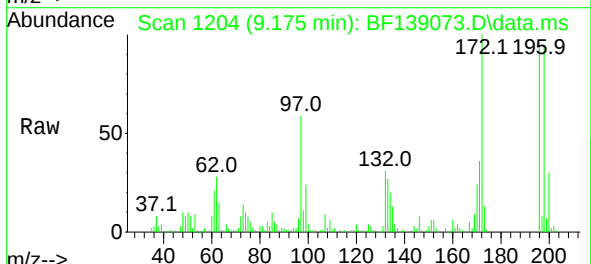
Ion Ratio Lower Upper

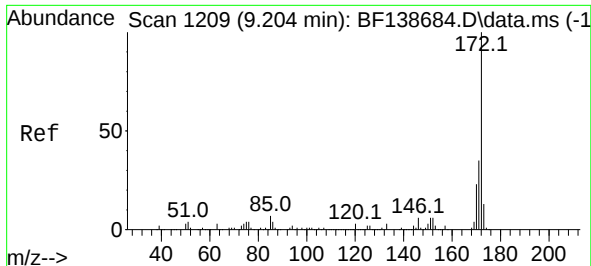
196 100

198 99.4 81.2 121.8

97 61.1 47.8 71.6

132 32.8 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 87.322 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

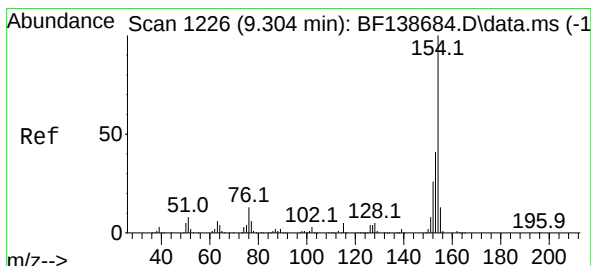
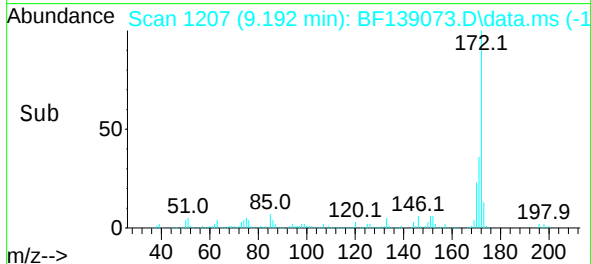
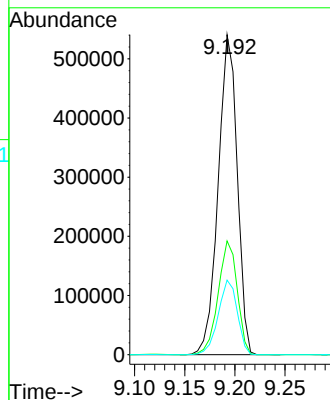
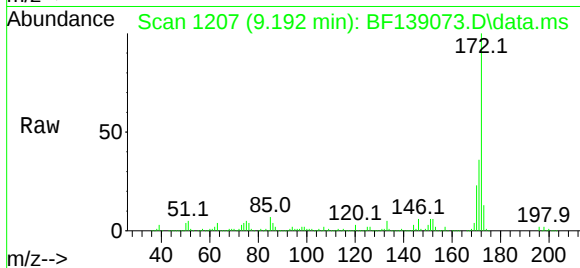
Tgt Ion:172 Resp: 713444

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.648 ng

RT: 9.292 min Scan# 1224

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

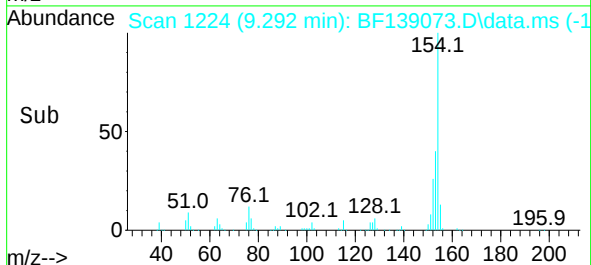
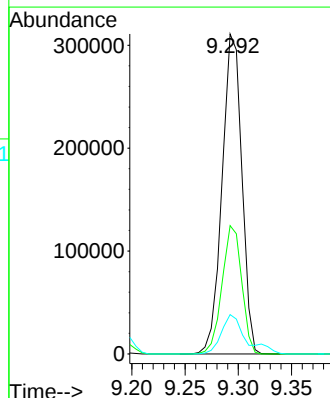
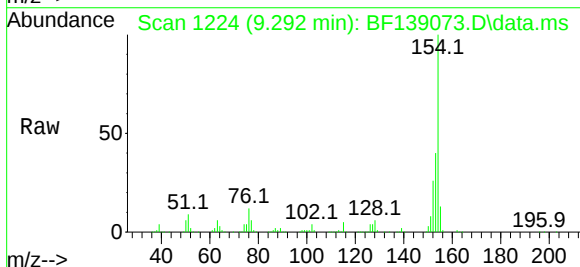
Tgt Ion:154 Resp: 400417

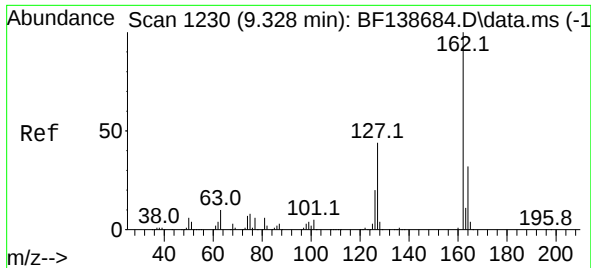
Ion Ratio Lower Upper

154 100

153 40.1 20.8 60.8

76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.968 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

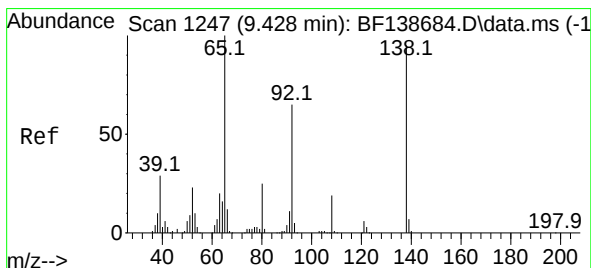
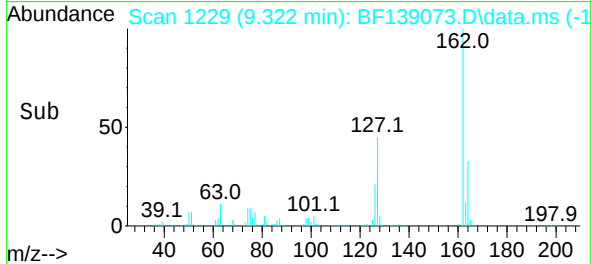
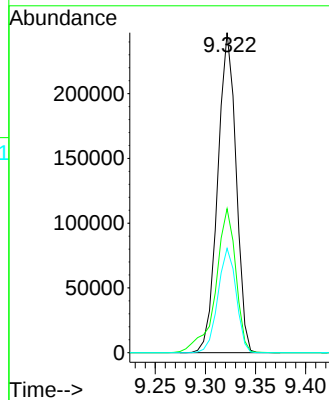
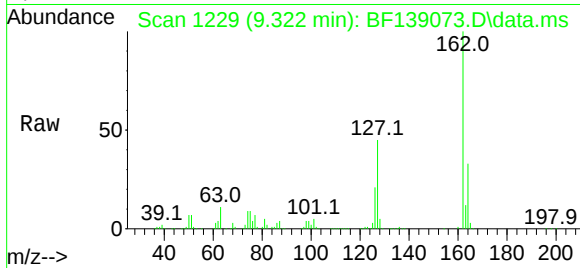
Tgt Ion:162 Resp: 314390

Ion Ratio Lower Upper

162 100

127 45.0 35.4 53.2

164 32.6 25.6 38.4



#48

2-Nitroaniline

Concen: 48.491 ng

RT: 9.427 min Scan# 1247

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

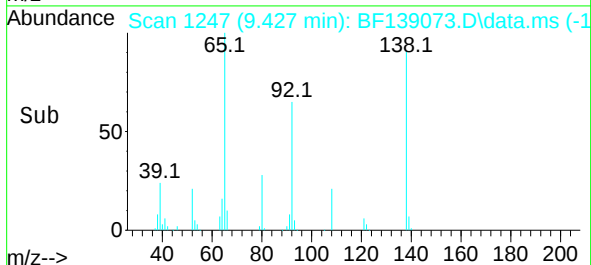
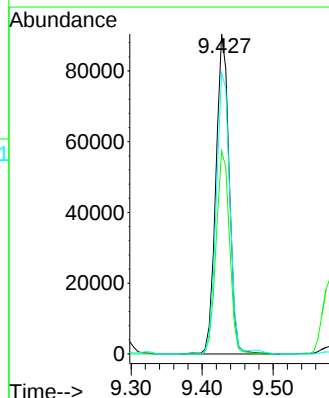
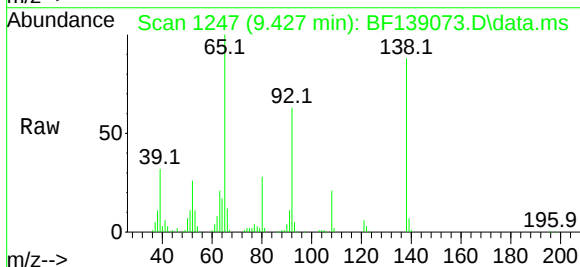
Tgt Ion: 65 Resp: 117545

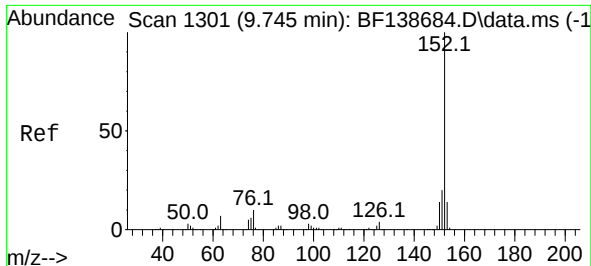
Ion Ratio Lower Upper

65 100

92 63.4 52.0 78.0

138 87.9 76.2 114.4





#49

Acenaphthylene

Concen: 47.737 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

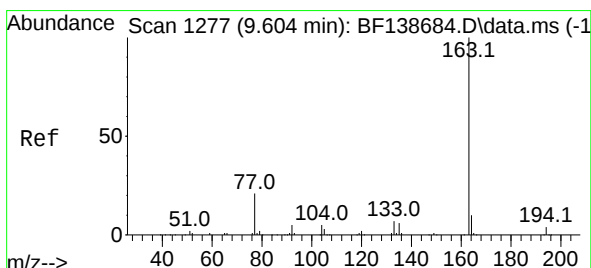
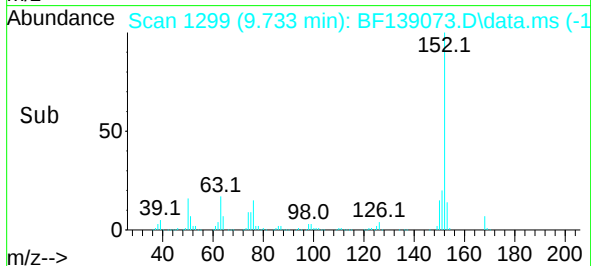
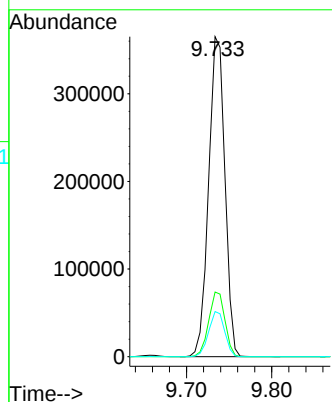
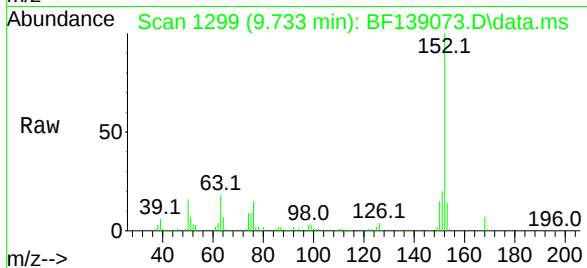
Tgt Ion:152 Resp: 484117

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 14.1 11.0 16.4



#50

Dimethylphthalate

Concen: 48.527 ng

RT: 9.598 min Scan# 1276

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

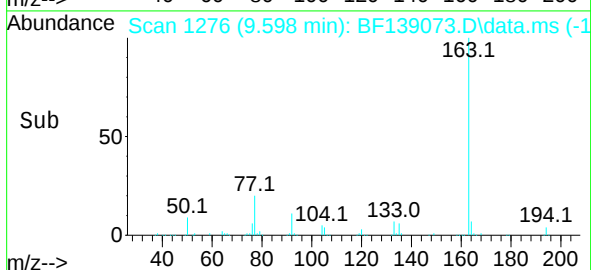
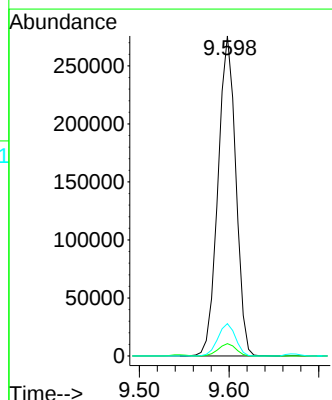
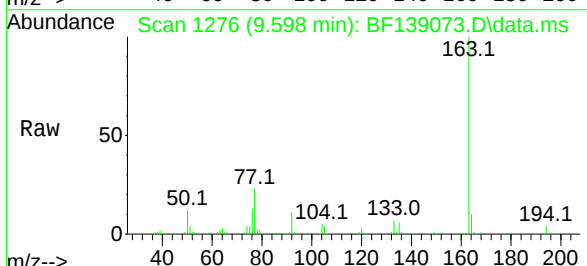
Tgt Ion:163 Resp: 380902

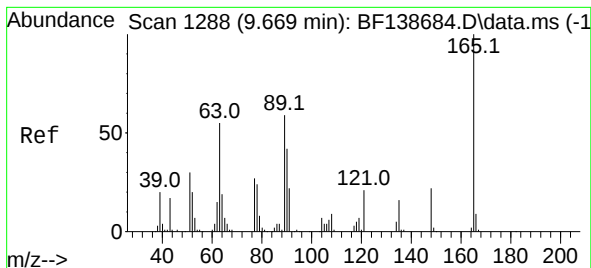
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.1 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.179 ng

RT: 9.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

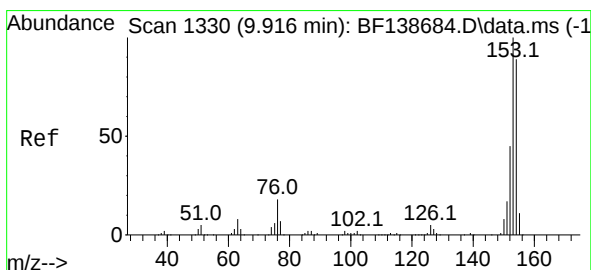
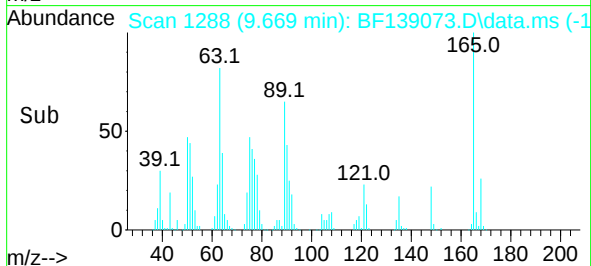
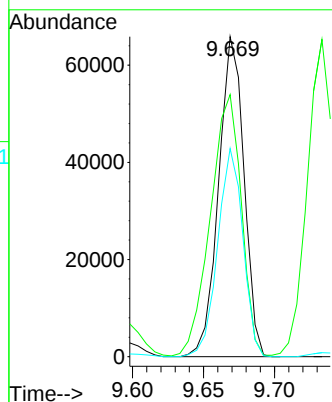
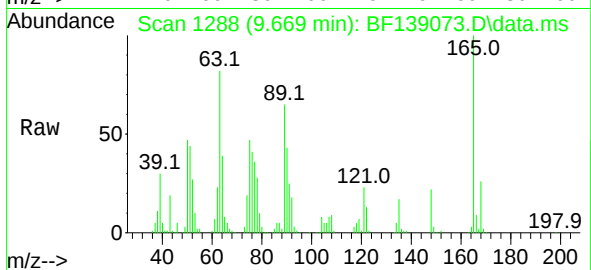
Tgt Ion:165 Resp: 81804

Ion Ratio Lower Upper

165 100

63 81.9 52.0 78.0#

89 65.0 47.0 70.6



#52

Acenaphthene

Concen: 43.746 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

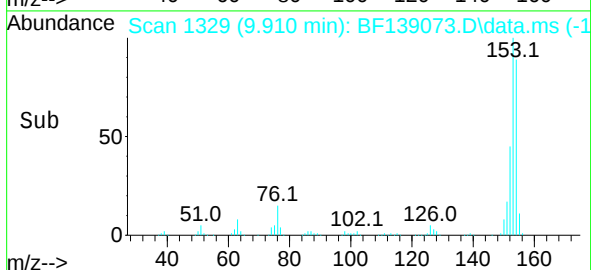
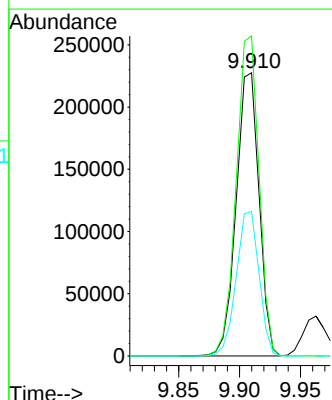
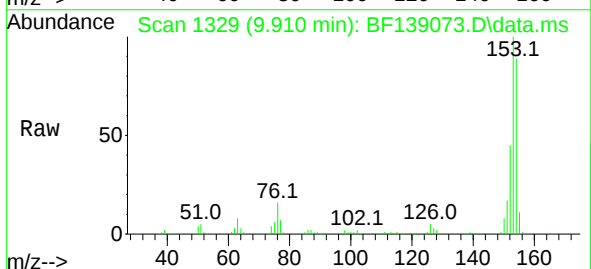
Tgt Ion:154 Resp: 298228

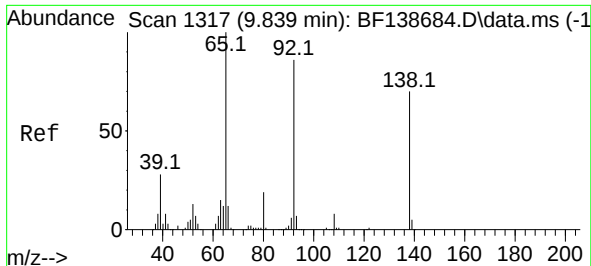
Ion Ratio Lower Upper

154 100

153 113.0 89.9 134.9

152 51.0 40.6 60.8





#53

3-Nitroaniline

Concen: 32.712 ng

RT: 9.845 min Scan# 1317

Delta R.T. 0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

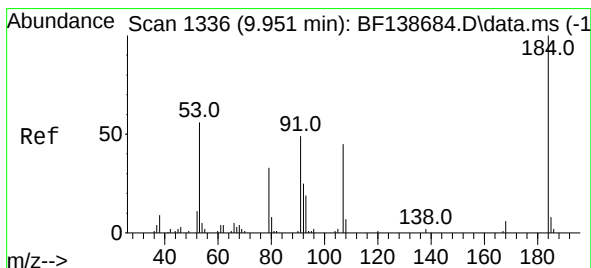
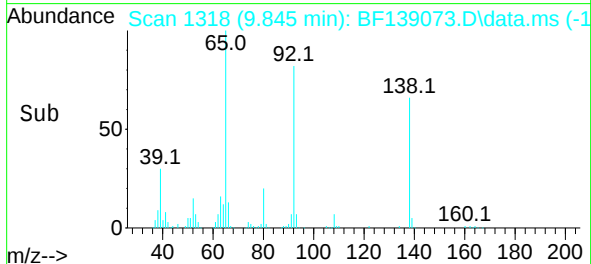
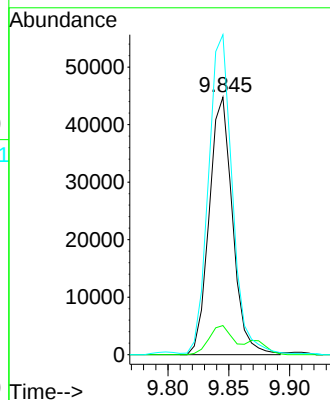
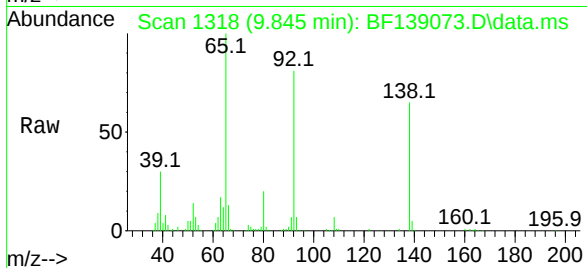
Tgt Ion:138 Resp: 59904

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

92 124.3 98.7 148.1



#54

2,4-Dinitrophenol

Concen: 76.844 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

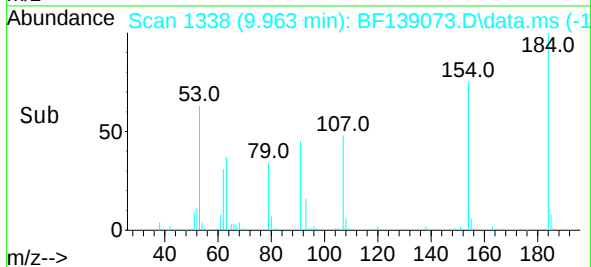
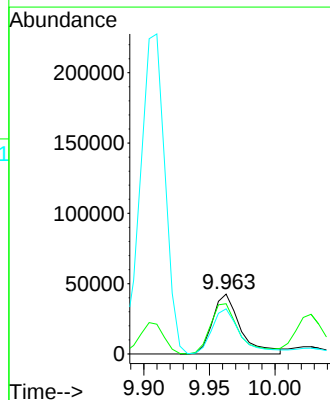
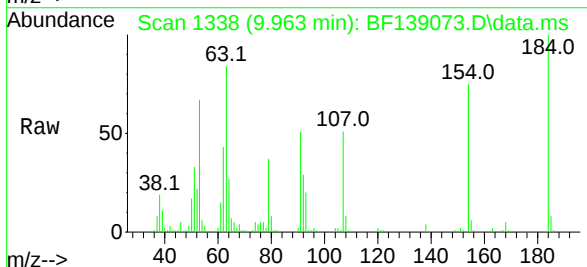
Tgt Ion:184 Resp: 62663

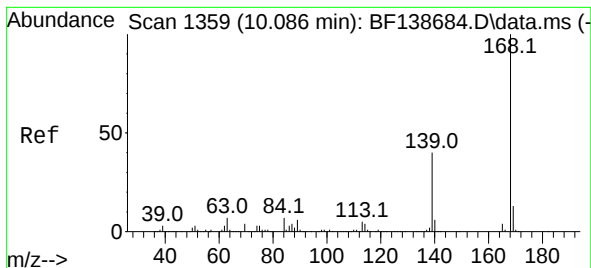
Ion Ratio Lower Upper

184 100

63 84.0 57.5 86.3

154 75.3 51.7 77.5





#55

Dibenzenofuran

Concen: 46.267 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

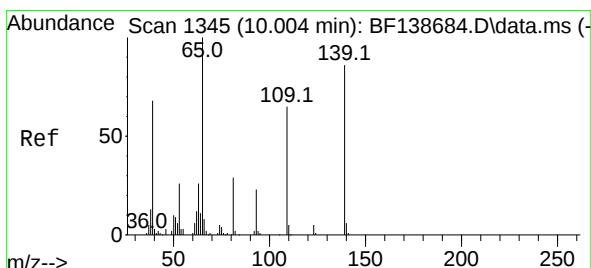
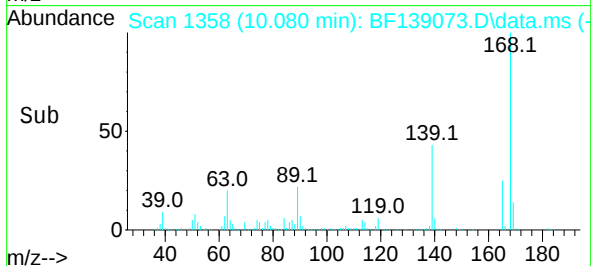
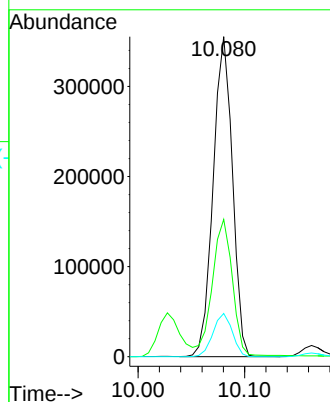
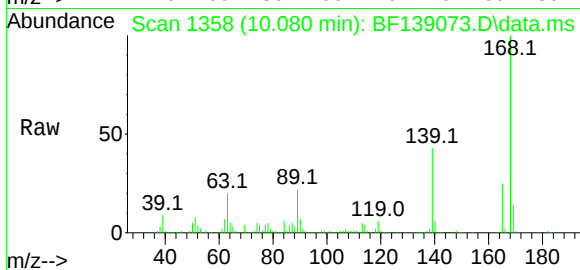
Tgt Ion:168 Resp: 445240

Ion Ratio Lower Upper

168 100

139 42.9 32.6 49.0

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 63.716 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.023 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

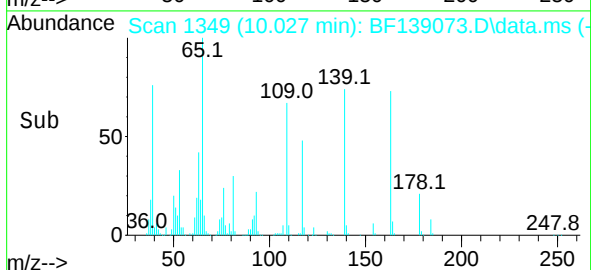
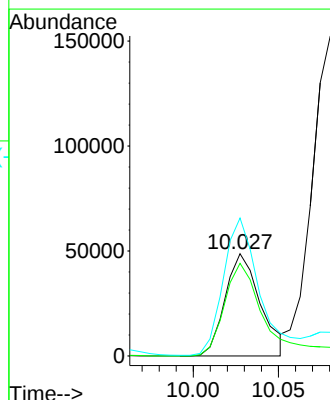
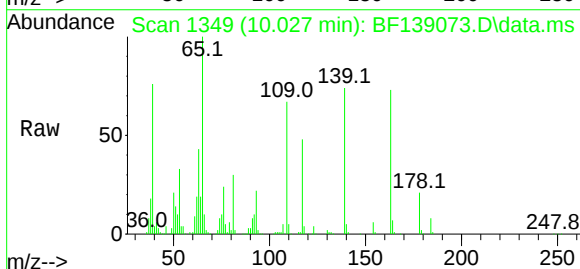
Tgt Ion:139 Resp: 70166

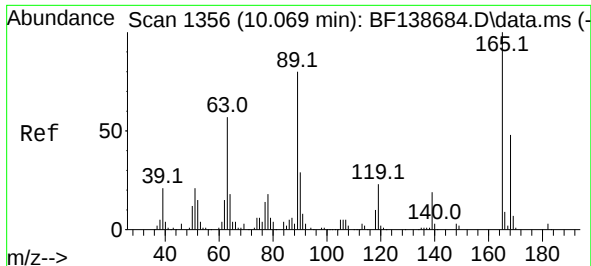
Ion Ratio Lower Upper

139 100

109 90.5 55.5 95.5

65 134.7 96.7 136.7

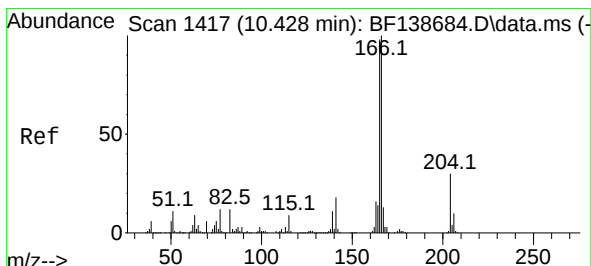
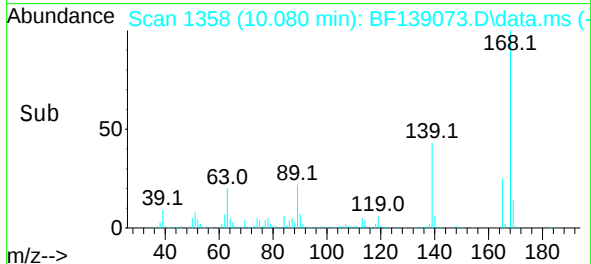
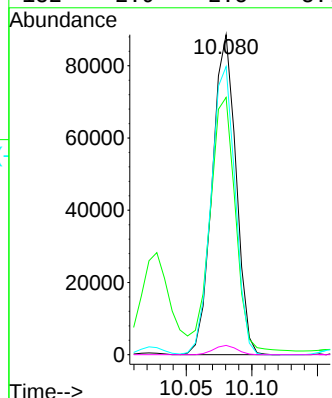
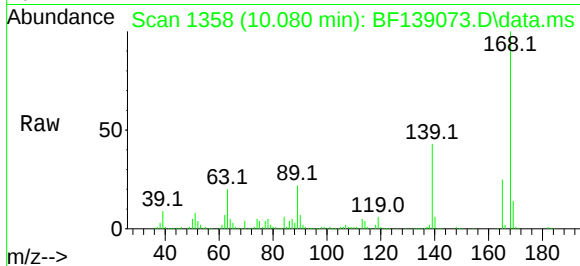




#57
2,4-Dinitrotoluene
Concen: 49.241 ng
RT: 10.080 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

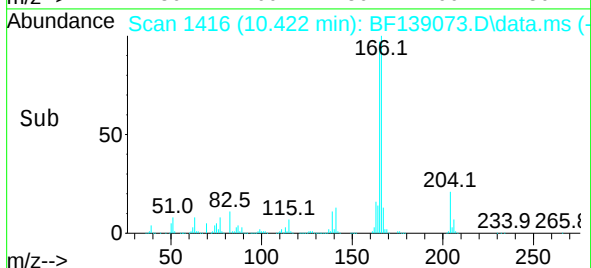
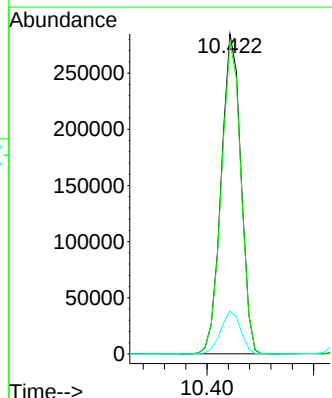
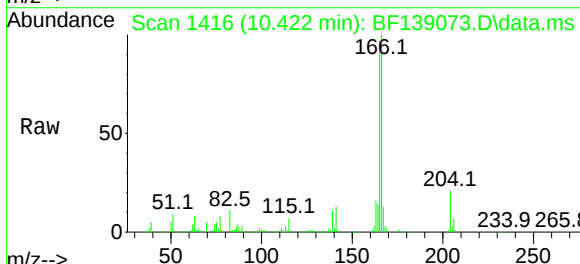
Instrument :
BNA_F
ClientSampleId :
PB162612BS

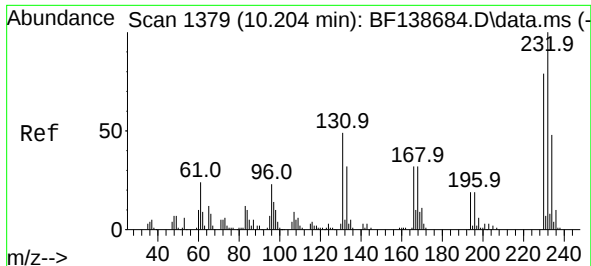
Tgt Ion:165 Resp: 111288
Ion Ratio Lower Upper
165 100
63 80.4 46.3 69.5#
89 90.1 64.2 96.4
182 2.9 2.5 3.7



#58
Fluorene
Concen: 47.411 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:166 Resp: 363322
Ion Ratio Lower Upper
166 100
165 97.3 78.4 117.6
167 13.4 10.6 16.0

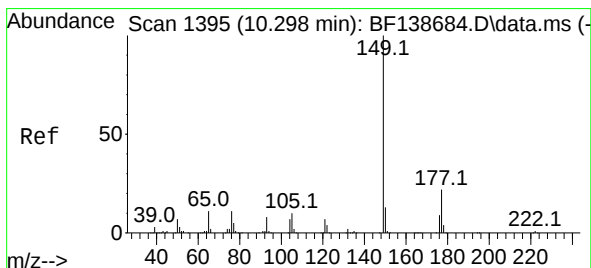
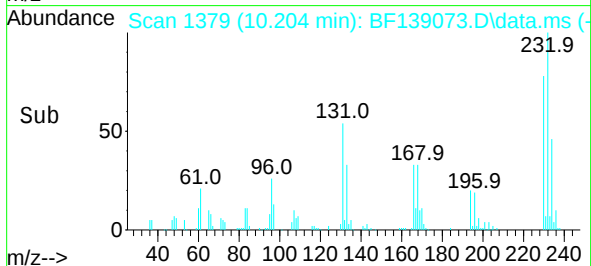
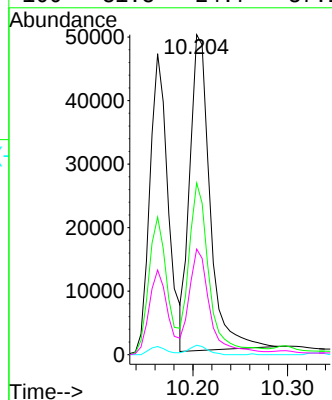
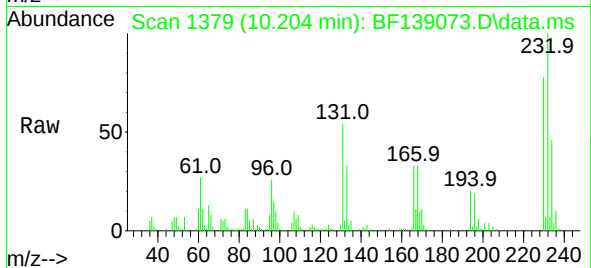




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.566 ng
RT: 10.204 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

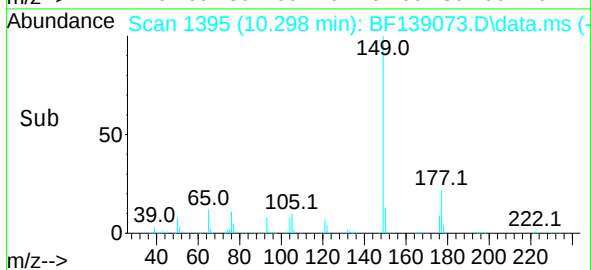
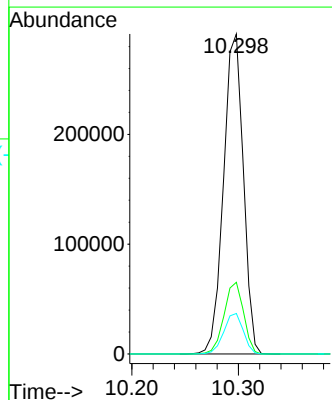
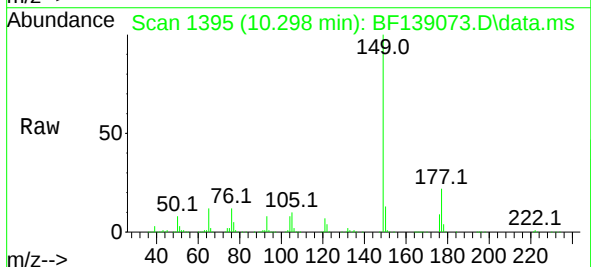
Instrument :
BNA_F
ClientSampleId :
PB162612BS

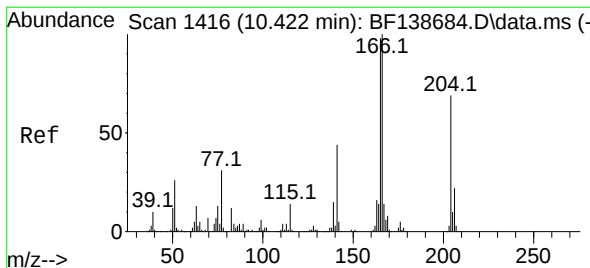
Tgt Ion:232 Resp: 73967
Ion Ratio Lower Upper
232 100
131 53.4 37.0 55.4
130 2.8 2.0 3.0
166 31.8 24.7 37.1



#60
Diethylphthalate
Concen: 50.425 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:149 Resp: 375290
Ion Ratio Lower Upper
149 100
177 22.4 17.8 26.8
150 12.7 10.1 15.1

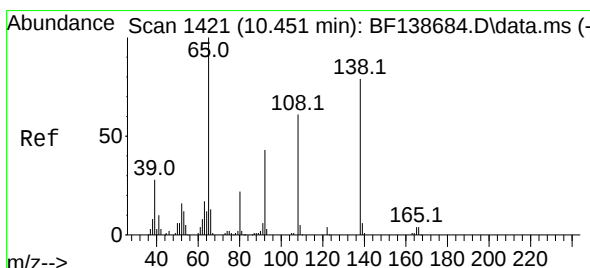
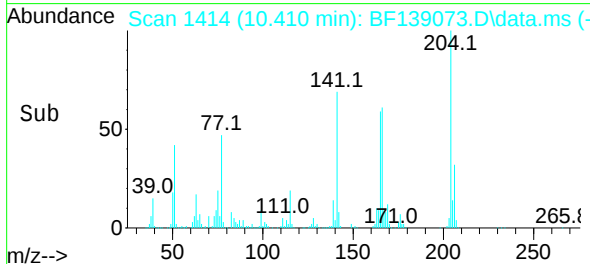
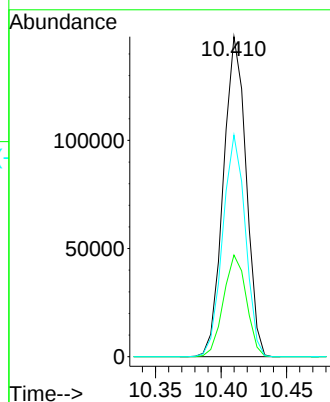
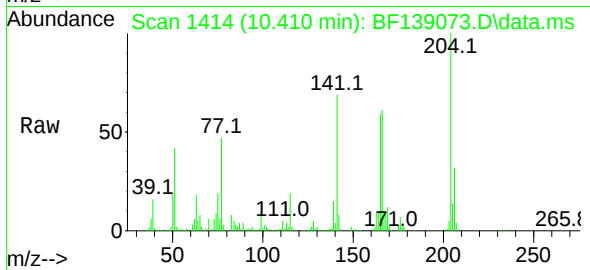




#61
4-Chlorophenyl-phenylether
Concen: 47.371 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

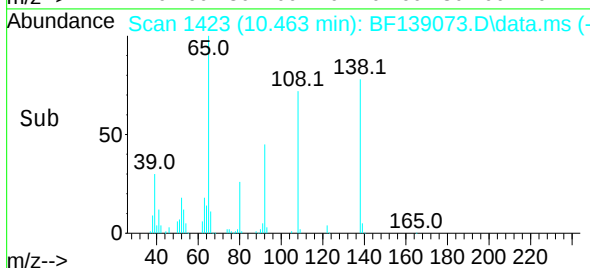
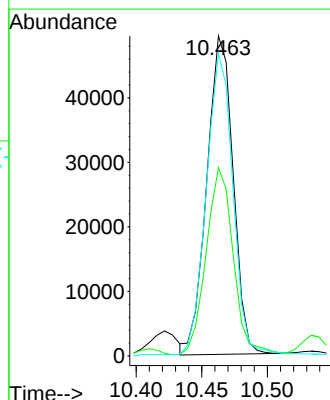
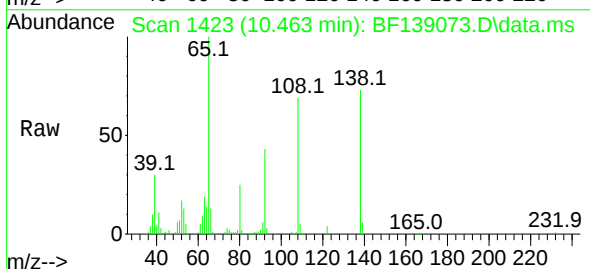
Instrument :
BNA_F
ClientSampleId :
PB162612BS

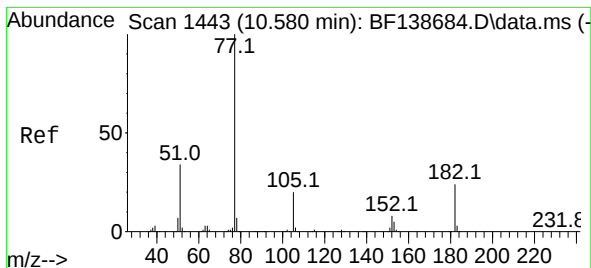
Tgt Ion:204 Resp: 178540
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 69.2 51.4 77.0



#62
4-Nitroaniline
Concen: 39.572 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:138 Resp: 68866
Ion Ratio Lower Upper
138 100
92 58.8 34.2 74.2
108 94.5 56.2 96.2





#63

Azobenzene

Concen: 47.680 ng

RT: 10.574 min Scan# 1443

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

Tgt Ion: 77 Resp: 393574

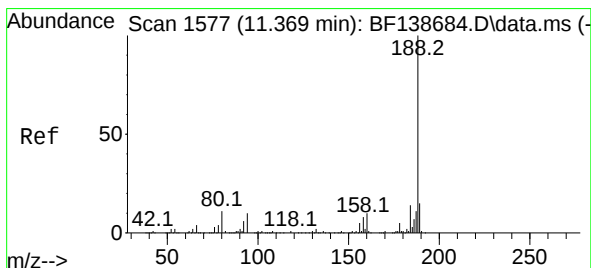
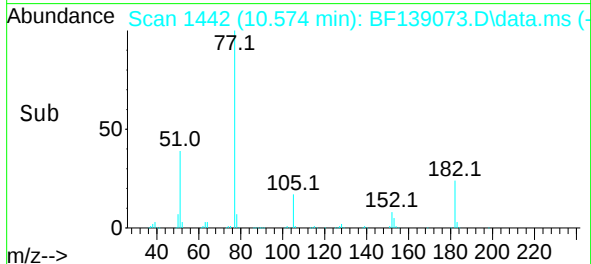
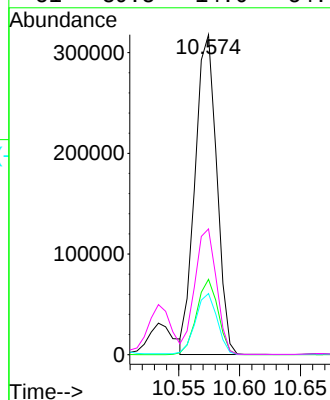
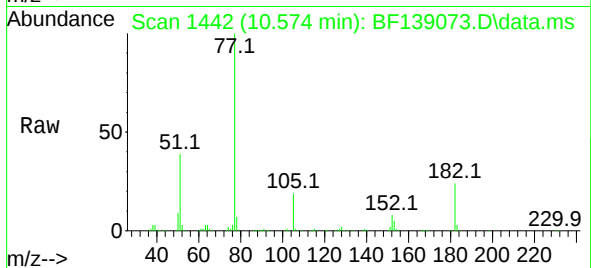
Ion Ratio Lower Upper

77 100

182 23.5 3.4 43.4

105 19.1 0.2 40.2

51 39.3 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: BF139073.D

Acq: 19 Aug 2024 14:46

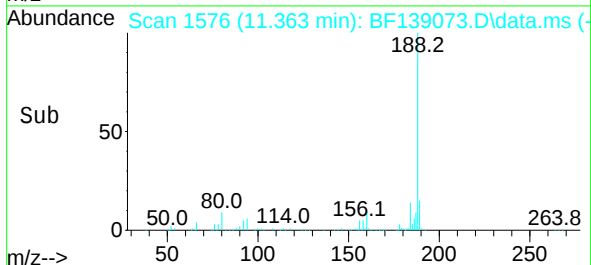
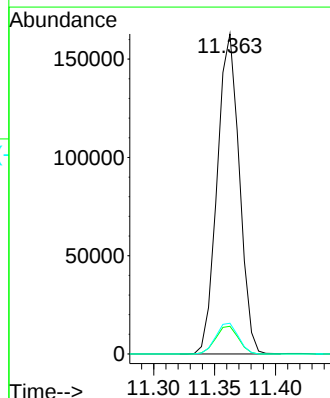
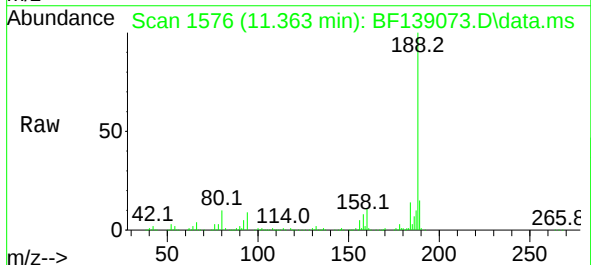
Tgt Ion: 188 Resp: 206328

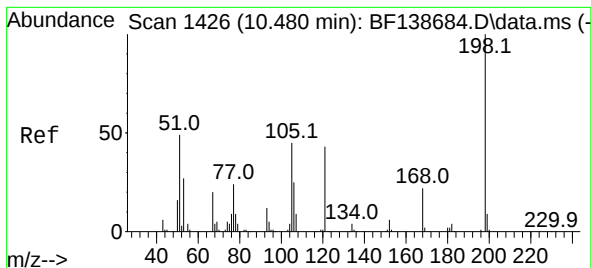
Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.6 8.6 12.8

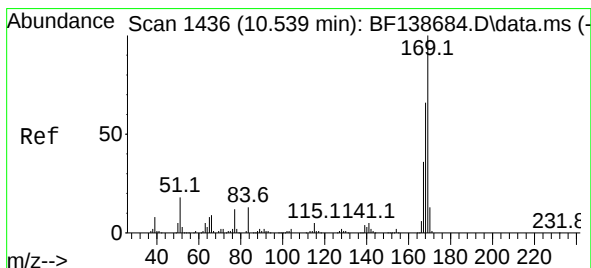
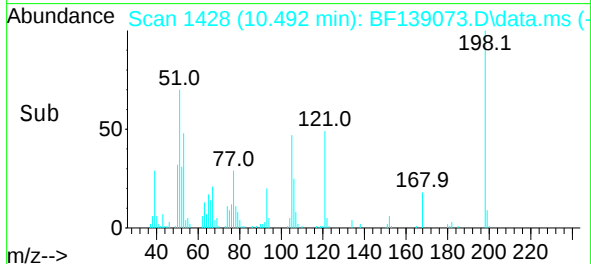
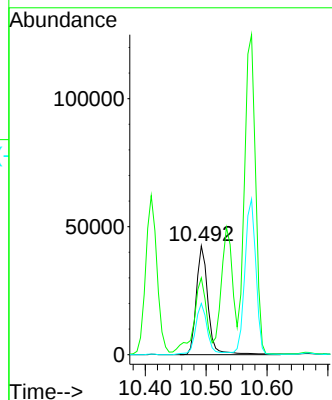
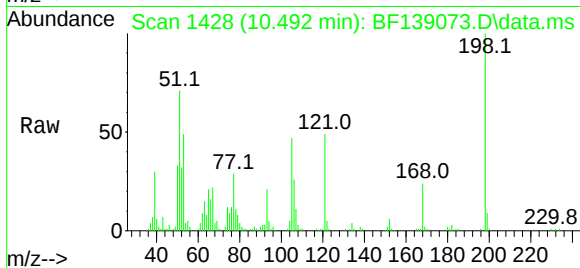




#65
4,6-Dinitro-2-methylphenol
Concen: 45.241 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

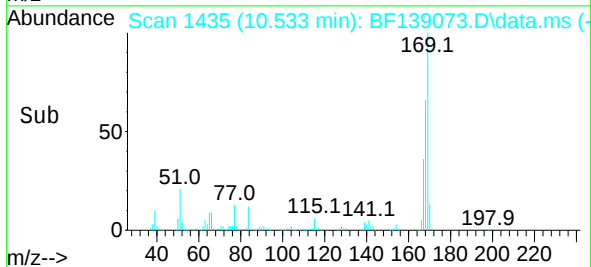
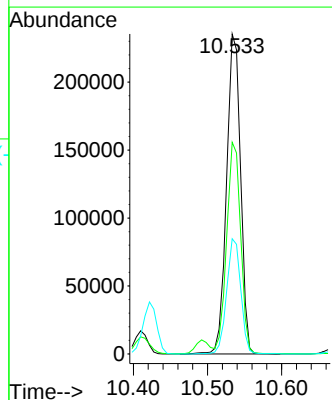
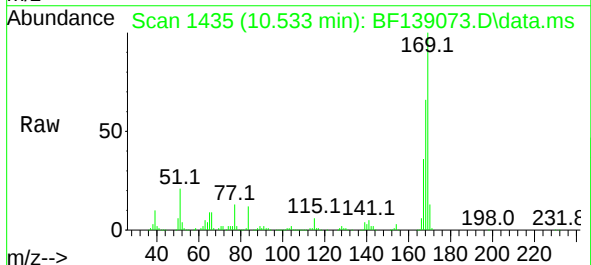
Instrument :
BNA_F
ClientSampleId :
PB162612BS

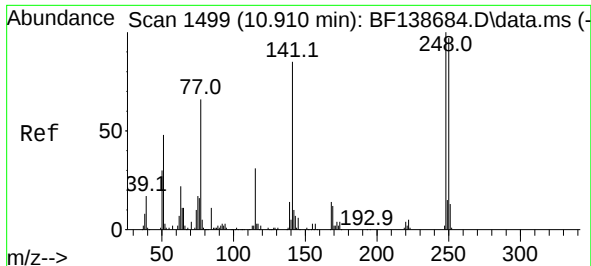
Tgt Ion:198 Resp: 56948
Ion Ratio Lower Upper
198 100
51 70.7 39.9 79.9
105 47.1 26.1 66.1



#66
n-Nitrosodiphenylamine
Concen: 47.902 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:169 Resp: 308937
Ion Ratio Lower Upper
169 100
168 66.1 53.0 79.6
167 36.0 29.0 43.6

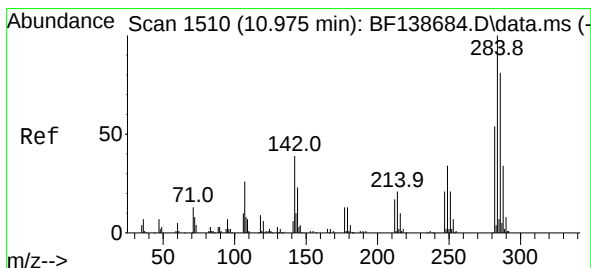
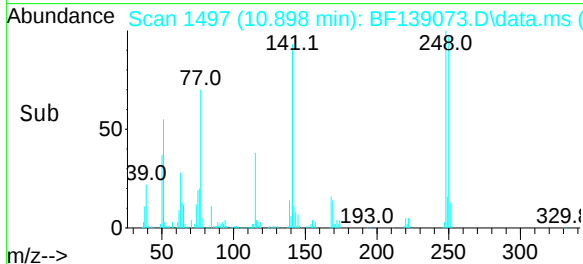
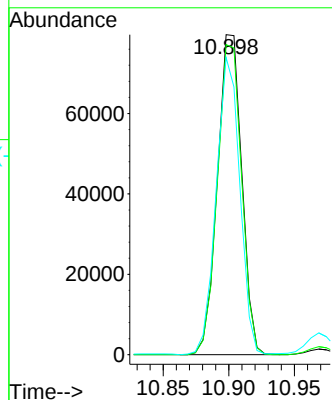
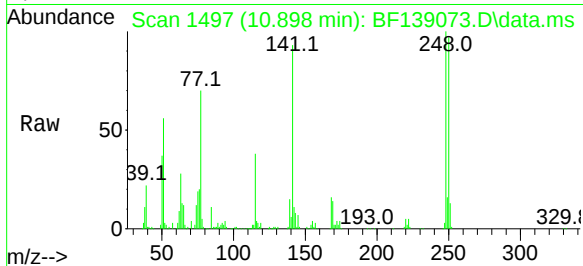




#67
4-Bromophenyl-phenylether
Concen: 46.051 ng
RT: 10.898 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

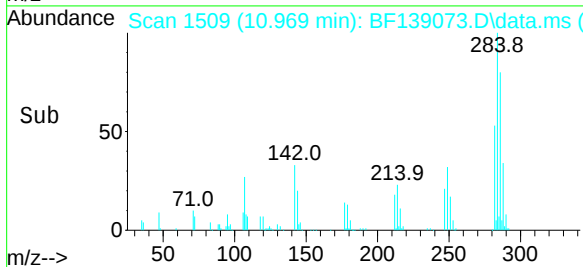
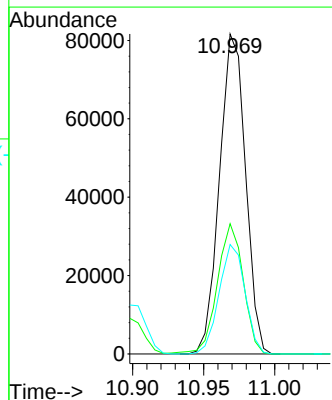
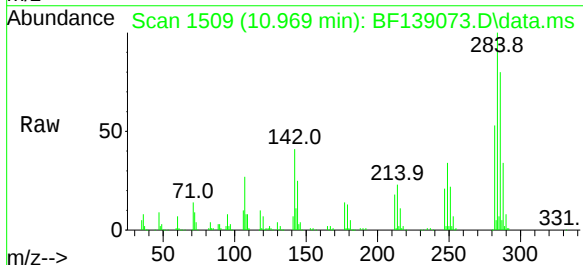
Instrument :
BNA_F
ClientSampleId :
PB162612BS

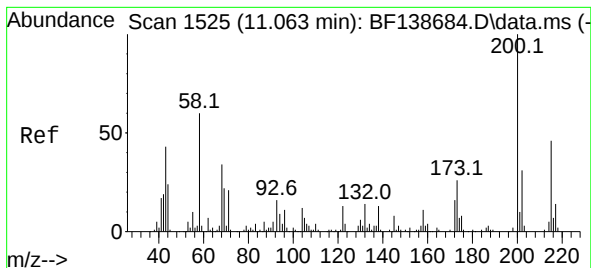
Tgt Ion:248 Resp: 102873
Ion Ratio Lower Upper
248 100
250 96.9 77.7 116.5
141 92.9 68.0 102.0



#68
Hexachlorobenzene
Concen: 45.113 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:284 Resp: 104054
Ion Ratio Lower Upper
284 100
142 40.7 31.3 46.9
249 34.2 27.2 40.8





#69

Atrazine

Concen: 52.162 ng

RT: 11.063 min Scan# 1525

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

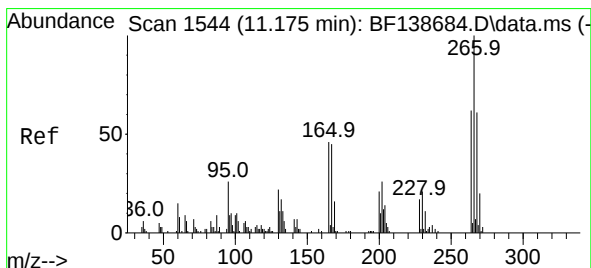
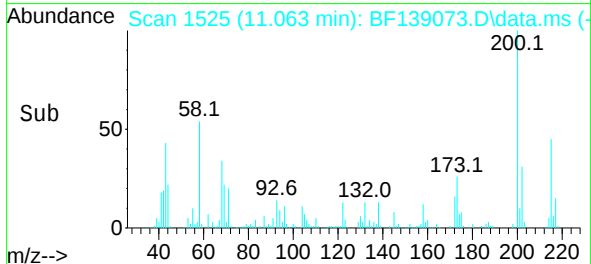
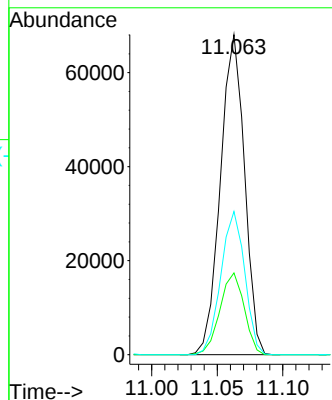
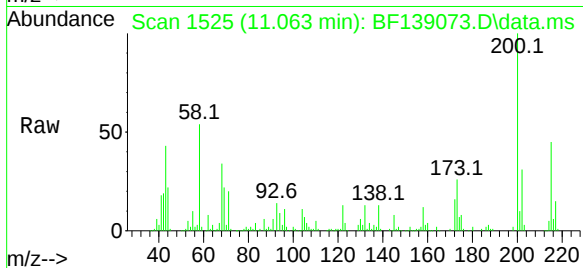
Tgt Ion:200 Resp: 86795

Ion Ratio Lower Upper

200 100

173 25.6 6.0 46.0

215 44.7 26.1 66.1



#70

Pentachlorophenol

Concen: 58.246 ng

RT: 11.174 min Scan# 1544

Delta R.T. -0.001 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

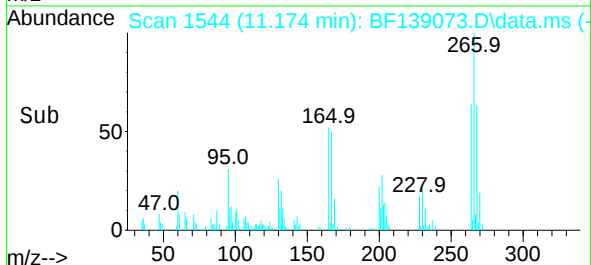
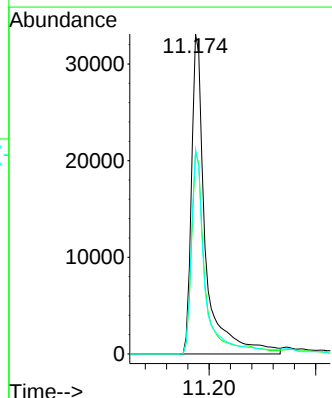
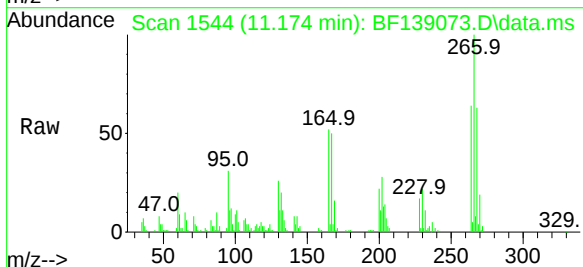
Tgt Ion:266 Resp: 60555

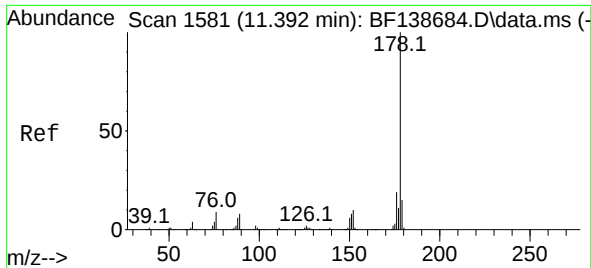
Ion Ratio Lower Upper

266 100

268 63.0 49.2 73.8

264 64.1 49.8 74.6

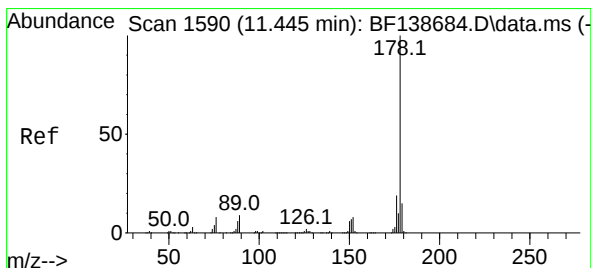
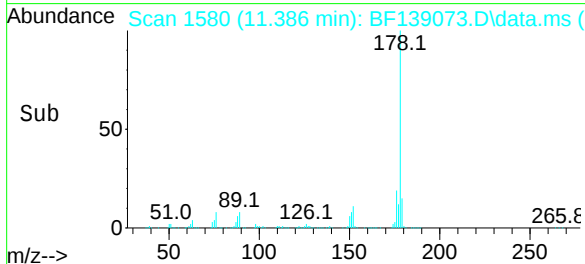
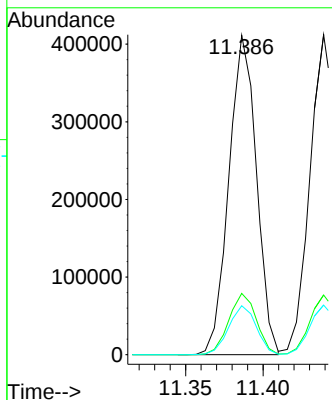
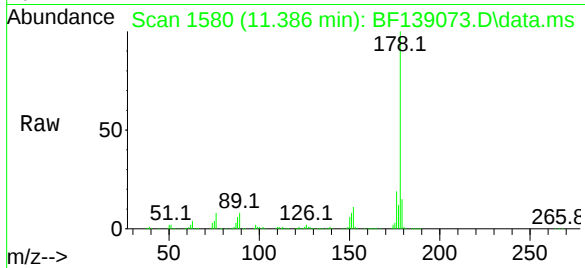




#71
Phenanthrene
Concen: 47.894 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

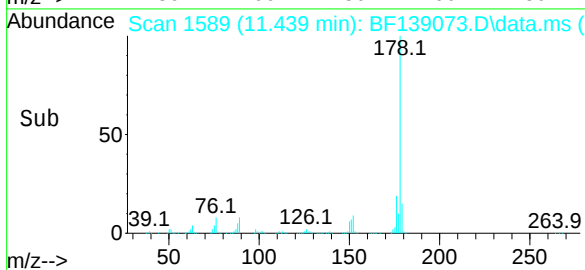
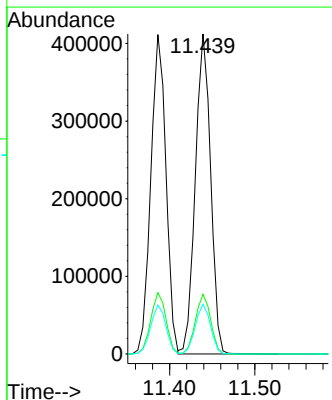
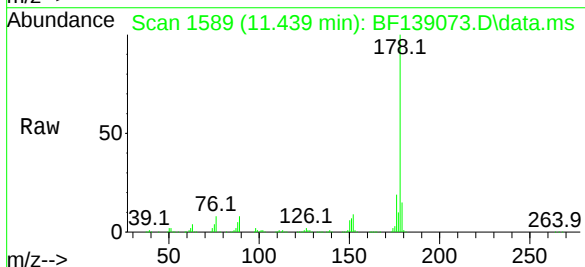
Instrument :
BNA_F
ClientSampleId :
PB162612BS

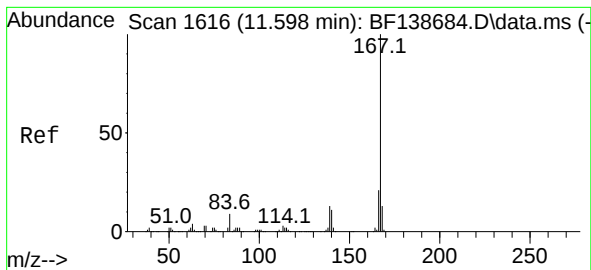
Tgt Ion:178 Resp: 508833
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.3 12.2 18.2



#72
Anthracene
Concen: 49.037 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:178 Resp: 513235
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 47.160 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139073.D

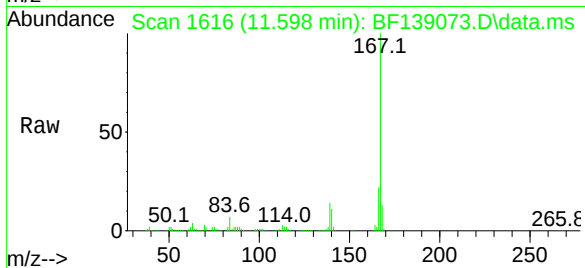
Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS



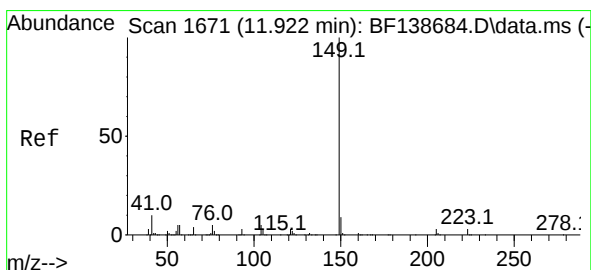
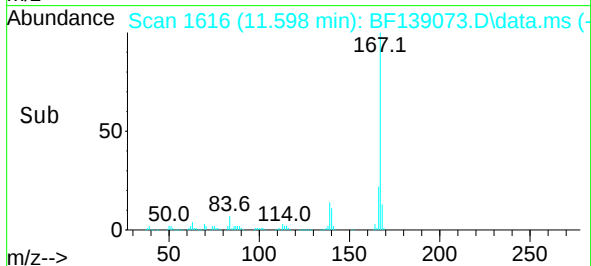
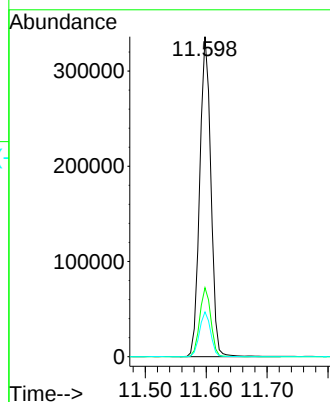
Tgt Ion:167 Resp: 425845

Ion	Ratio	Lower	Upper
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167	100		
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166	21.5	17.2	25.8
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139	14.0	10.6	16.0
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#74

Di-n-butylphthalate

Concen: 56.138 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

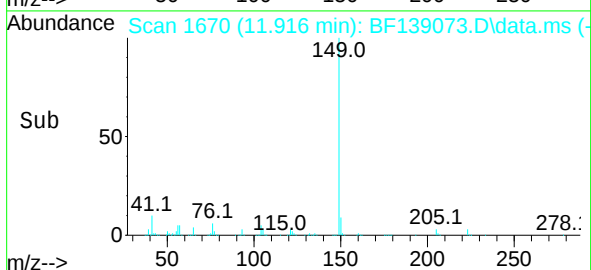
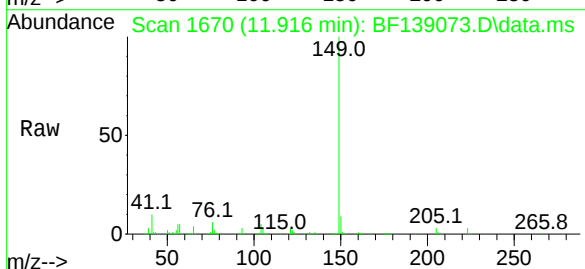
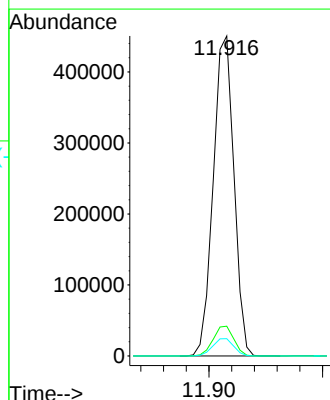
Tgt Ion:149 Resp: 569851

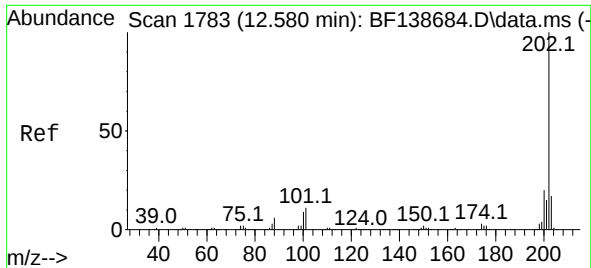
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

149	100		
-----	-----	--	--

150	9.3	7.4	11.0
-----	-----	-----	------

104	5.4	4.1	6.1
-----	-----	-----	-----

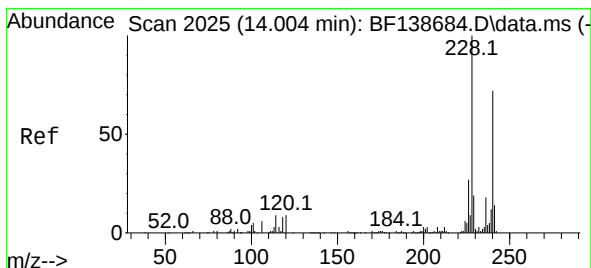
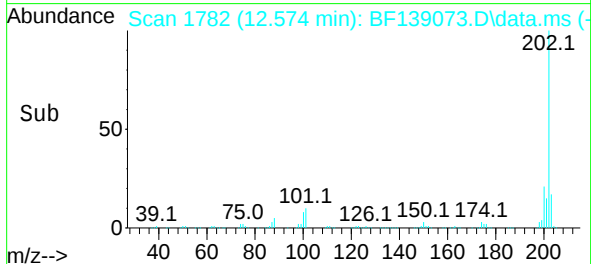
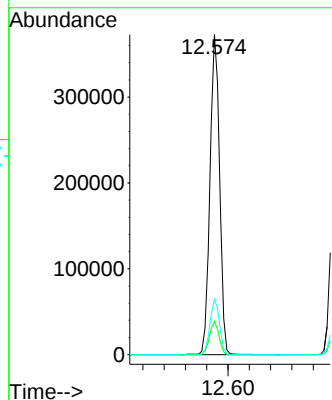
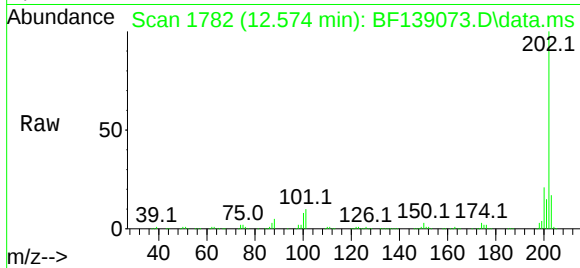




#75
Fluoranthene
Concen: 47.301 ng
RT: 12.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

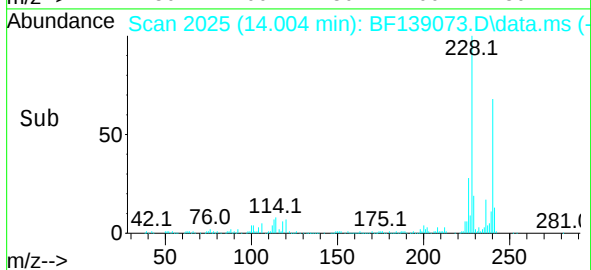
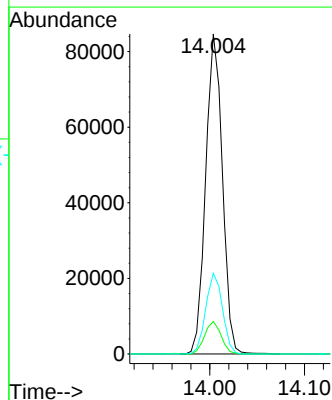
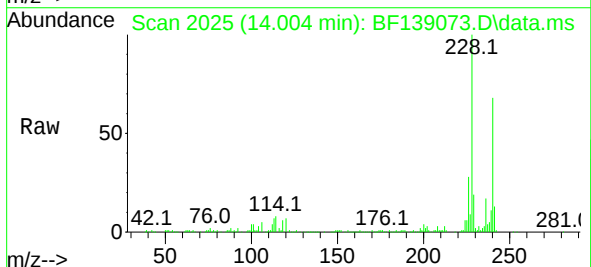
Instrument :
BNA_F
ClientSampleId :
PB162612BS

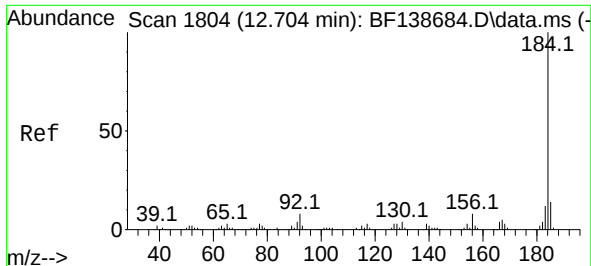
Tgt Ion:202 Resp: 469147
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:240 Resp: 104018
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.2 19.8 29.8

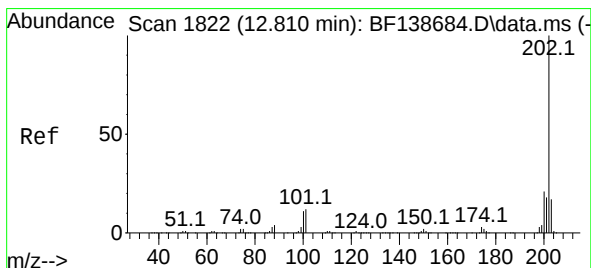
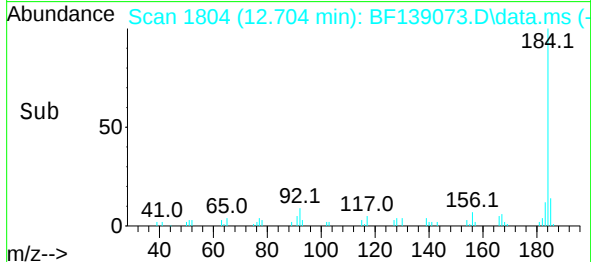
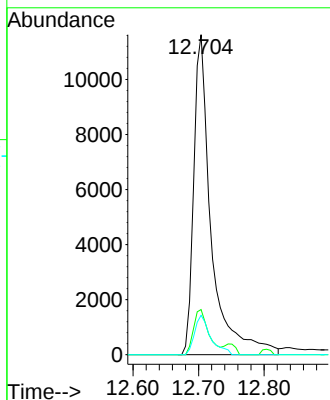
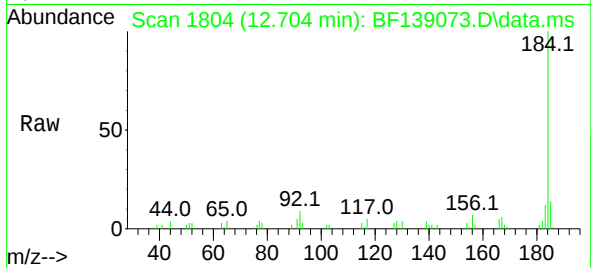




#77
Benzidine
Concen: 8.692 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

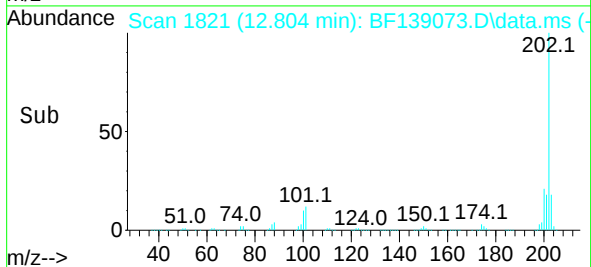
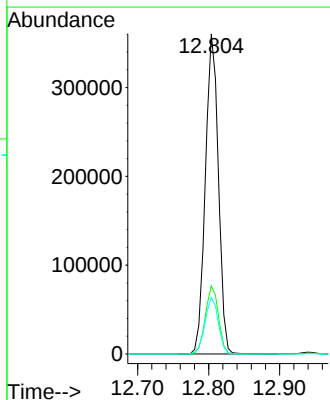
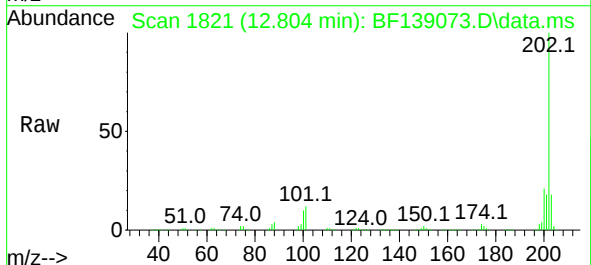
Instrument :
BNA_F
ClientSampleId :
PB162612BS

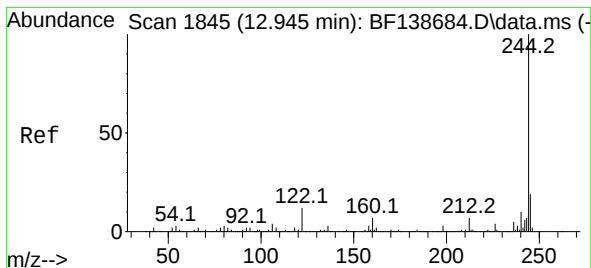
Tgt Ion:184 Resp: 21625
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 12.3 9.6 14.4



#78
Pyrene
Concen: 46.977 ng
RT: 12.804 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF139073.D
Acq: 19 Aug 2024 14:46

Tgt Ion:202 Resp: 460078
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.7 13.8 20.6





#79

Terphenyl-d14

Concen: 107.382 ng

RT: 12.939 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BF139073.D

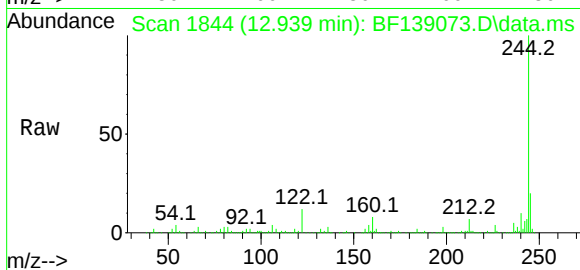
Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS



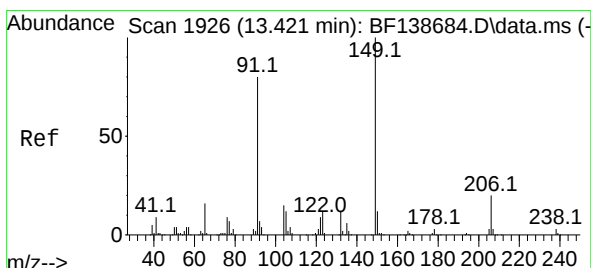
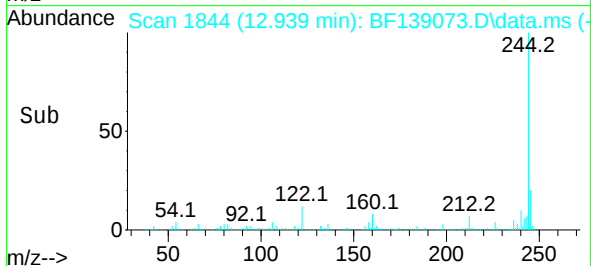
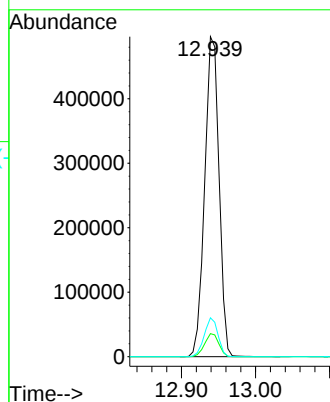
Tgt Ion:244 Resp: 667138

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.2

122 12.1 9.6 14.4



#80

Butylbenzylphthalate

Concen: 55.875 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

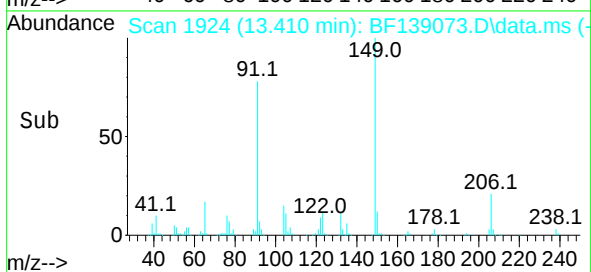
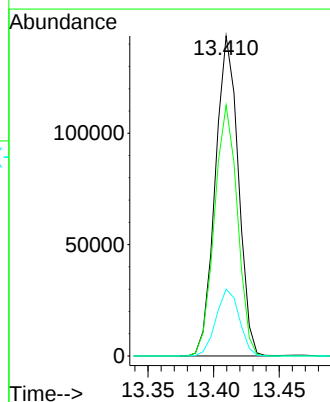
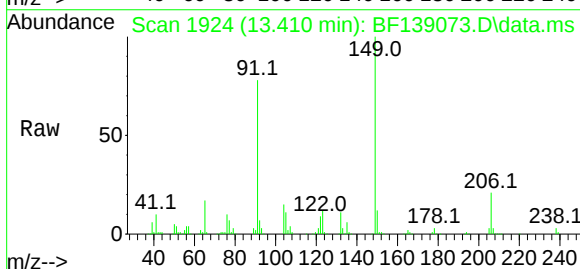
Tgt Ion:149 Resp: 175235

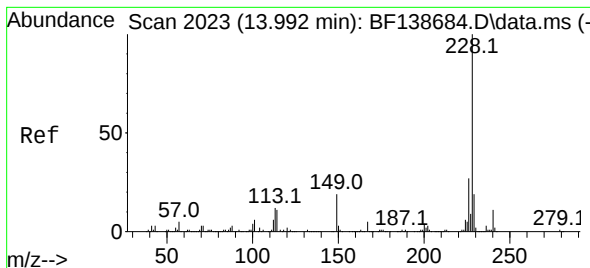
Ion Ratio Lower Upper

149 100

91 78.4 63.7 95.5

206 20.9 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.287 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

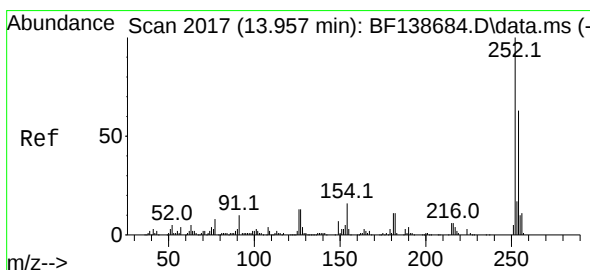
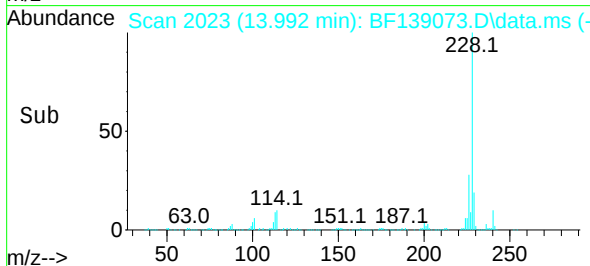
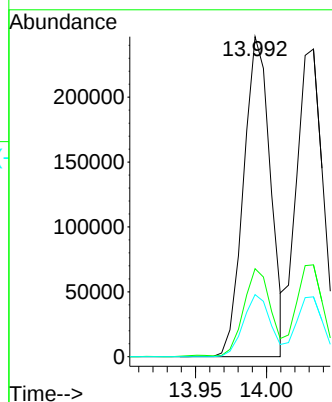
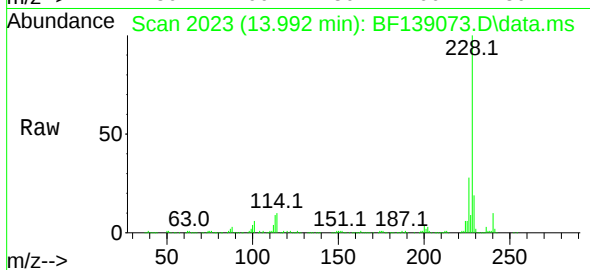
Tgt Ion:228 Resp: 324385

Ion Ratio Lower Upper

228 100

226 27.5 22.1 33.1

229 19.4 15.4 23.0



#82

3,3'-Dichlorobenzidine

Concen: 37.939 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

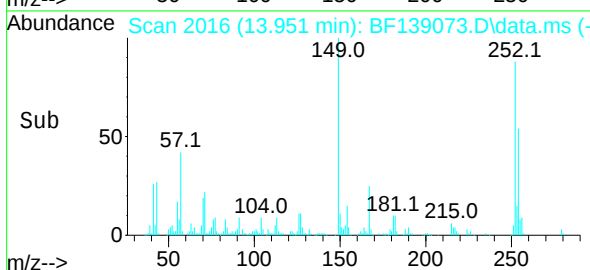
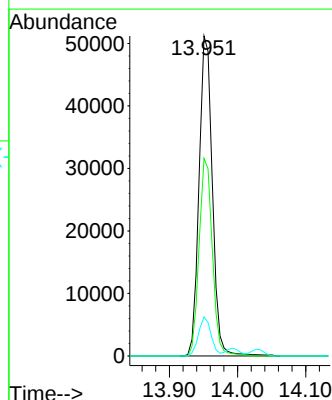
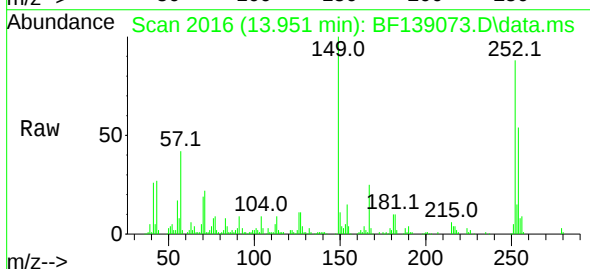
Tgt Ion:252 Resp: 69543

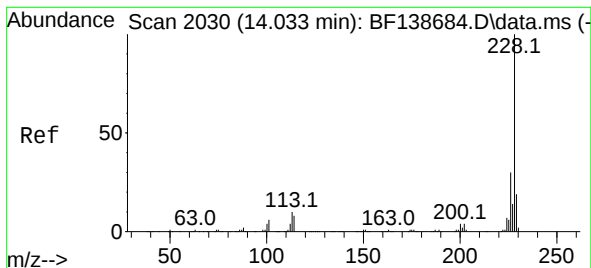
Ion Ratio Lower Upper

252 100

254 61.7 50.8 76.2

126 12.2 10.2 15.2





#83

Chrysene

Concen: 48.002 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

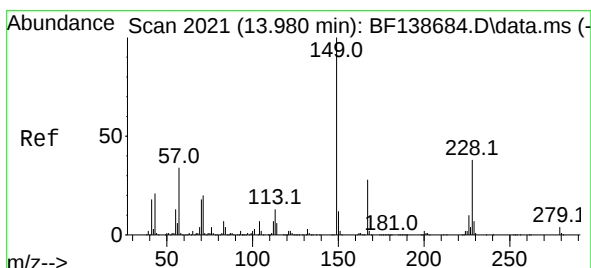
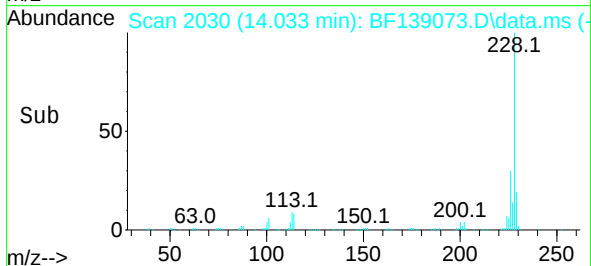
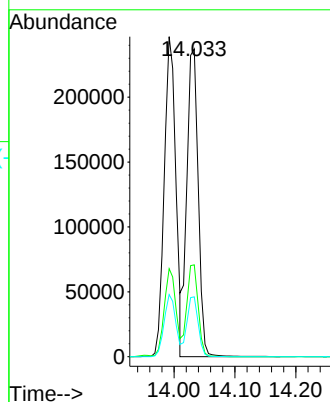
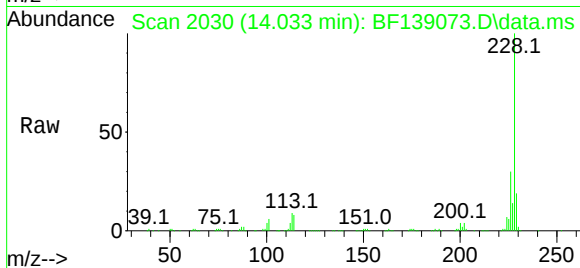
Tgt Ion:228 Resp: 310204

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 19.5 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.420 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

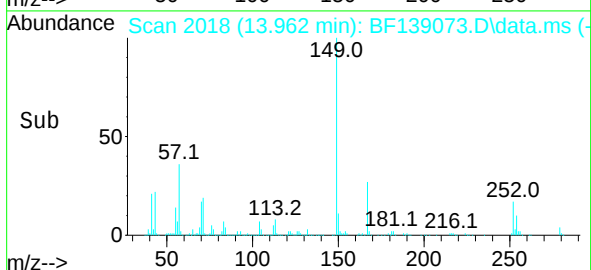
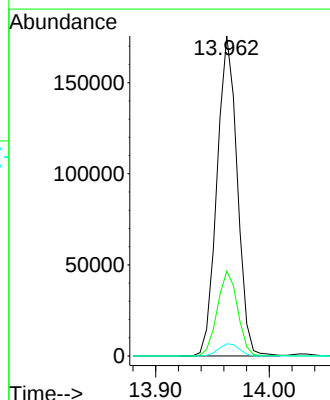
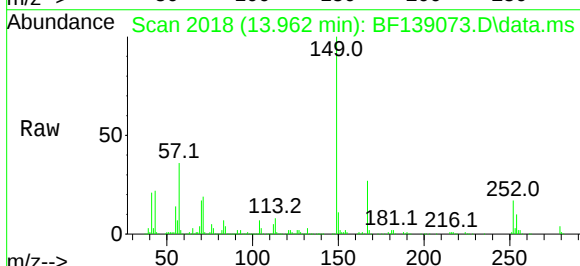
Tgt Ion:149 Resp: 217773

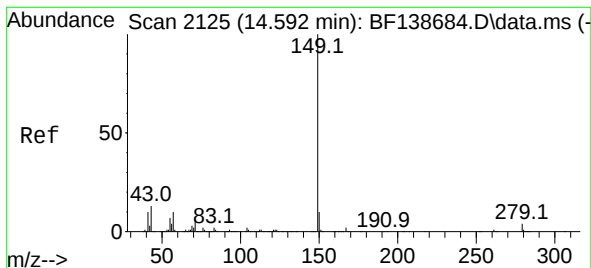
Ion Ratio Lower Upper

149 100

167 26.5 22.2 33.4

279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 39.516 ng

RT: 14.574 min Scan# 2125

Delta R.T. -0.018 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

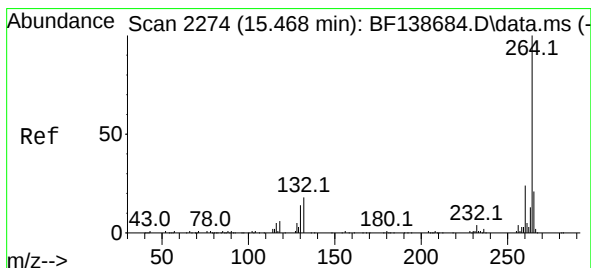
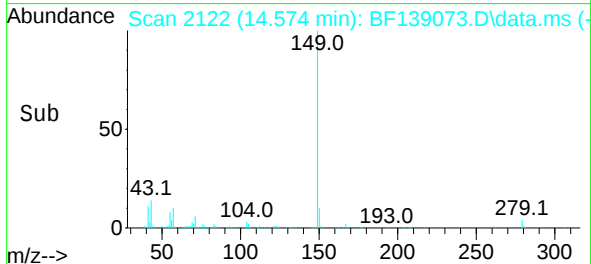
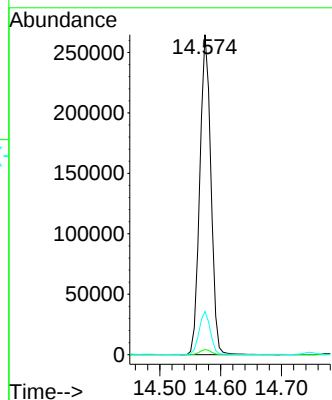
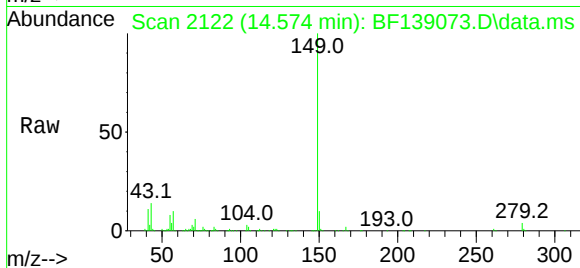
Tgt Ion:149 Resp: 335755

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 13.8 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

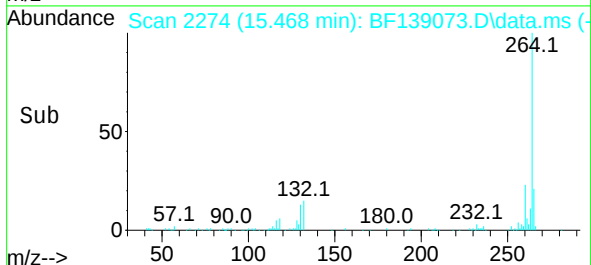
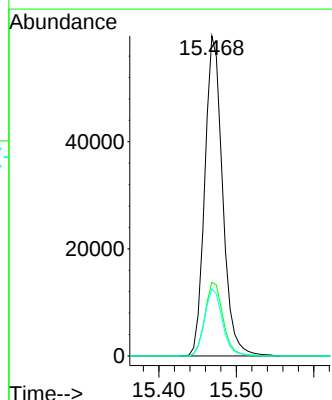
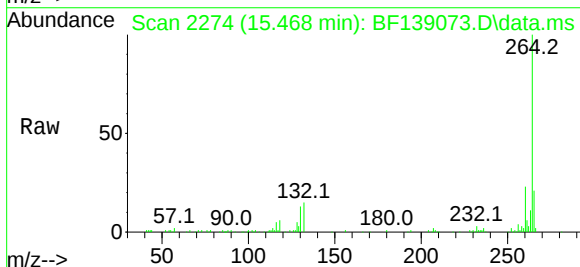
Tgt Ion:264 Resp: 95044

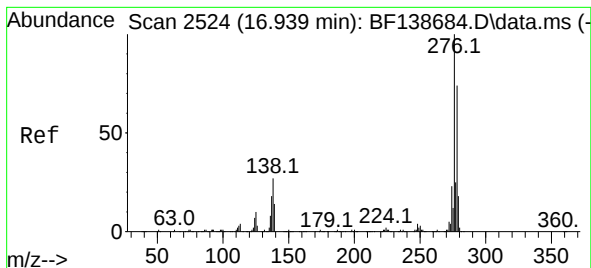
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 20.9 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.746 ng

RT: 16.956 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

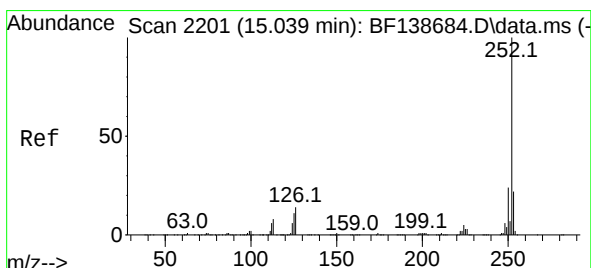
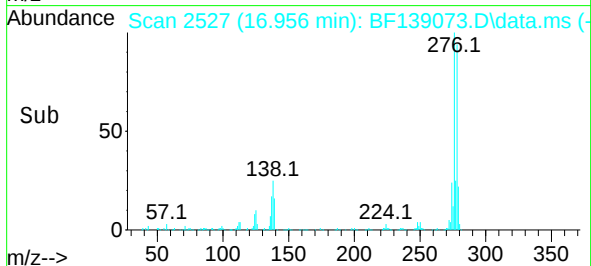
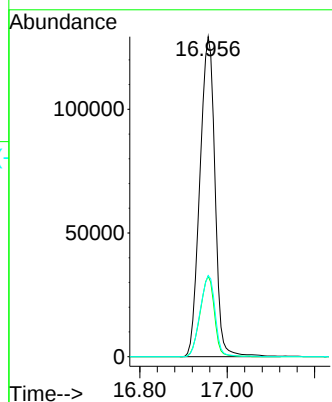
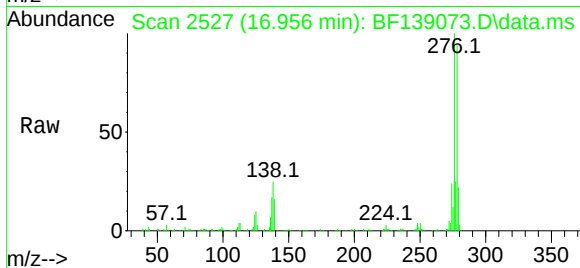
Tgt Ion:276 Resp: 311587

Ion Ratio Lower Upper

276 100

138 23.8 21.8 32.8

277 25.0 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.156 ng

RT: 15.045 min Scan# 2202

Delta R.T. 0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

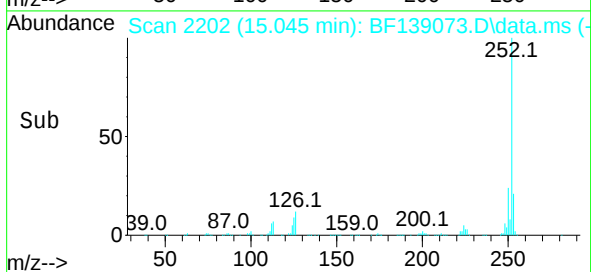
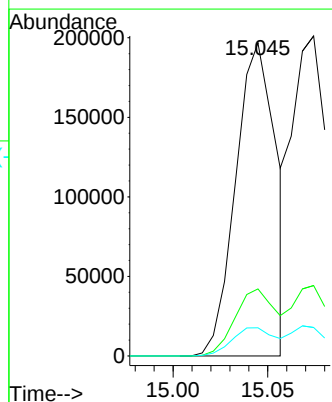
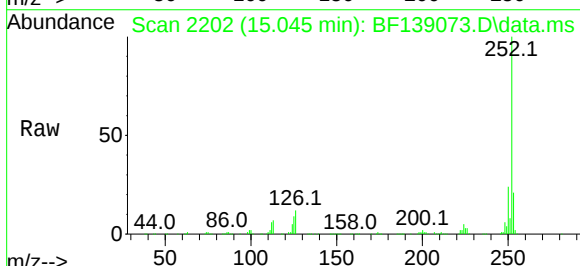
Tgt Ion:252 Resp: 289620

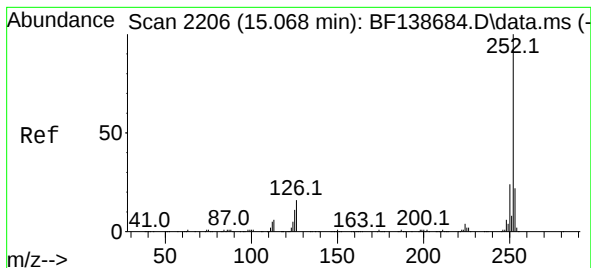
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 9.0 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 53.747 ng

RT: 15.074 min Scan# 2207

Delta R.T. 0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

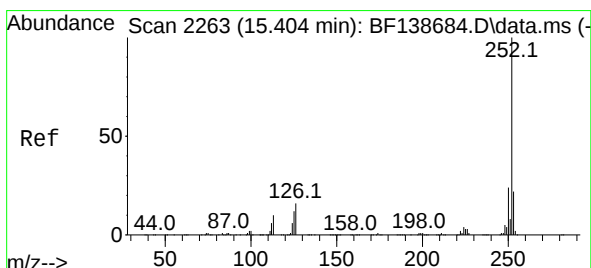
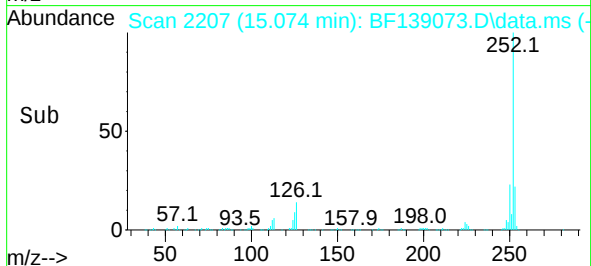
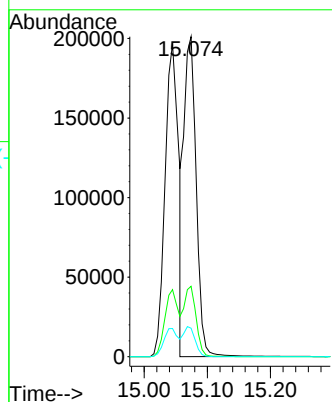
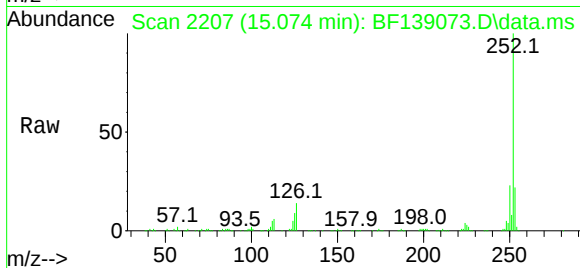
Tgt Ion:252 Resp: 274177

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 8.9 8.6 13.0



#90

Benzo(a)pyrene

Concen: 53.399 ng

RT: 15.409 min Scan# 2264

Delta R.T. 0.006 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

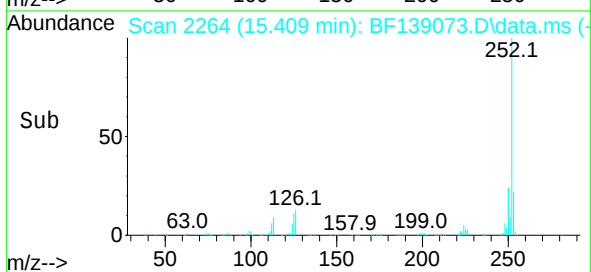
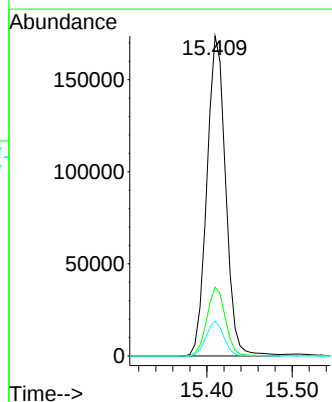
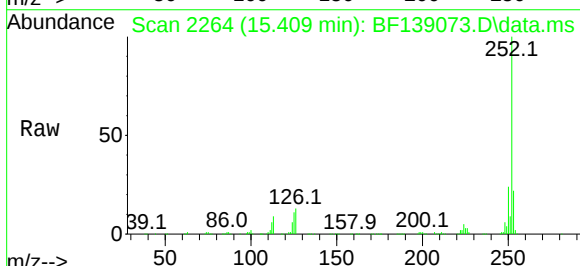
Tgt Ion:252 Resp: 264638

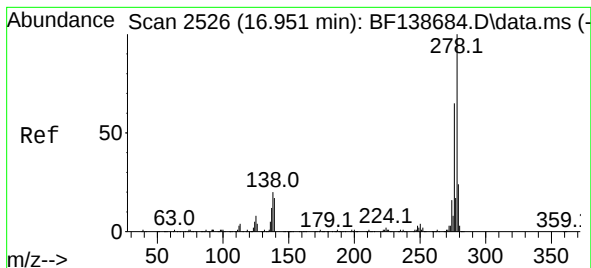
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 10.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 45.536 ng

RT: 16.962 min Scan# 2526

Delta R.T. 0.012 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Instrument :

BNA_F

ClientSampleId :

PB162612BS

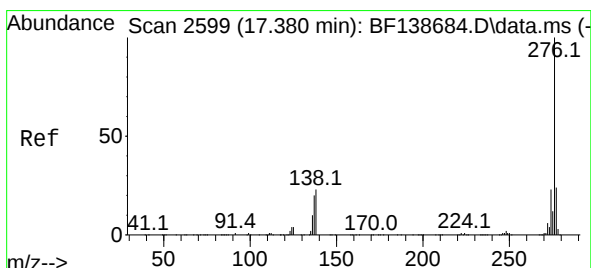
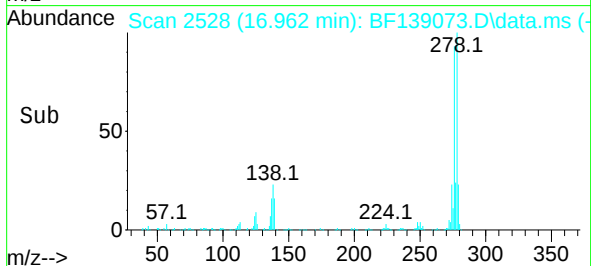
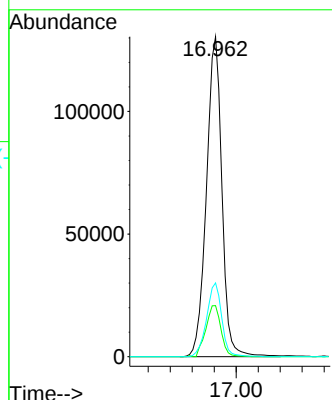
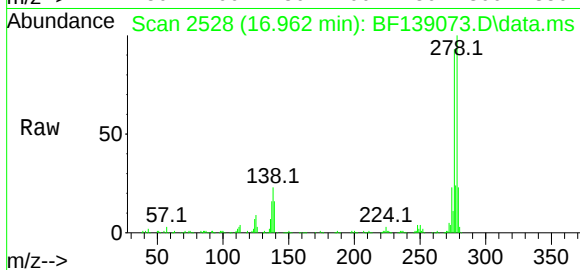
Tgt Ion:278 Resp: 254596

Ion Ratio Lower Upper

278 100

139 15.9 14.0 21.0

279 23.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 41.219 ng

RT: 17.398 min Scan# 2602

Delta R.T. 0.018 min

Lab File: BF139073.D

Acq: 19 Aug 2024 14:46

Tgt Ion:276 Resp: 239150

Ion Ratio Lower Upper

276 100

277 22.1 19.0 28.4

138 20.5 18.5 27.7

