

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138620.D
 Acq On : 23 Jul 2024 16:01
 Operator : RC/JU
 Sample : P3302-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290MSD

Quant Time: Jul 23 16:26:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	75853	20.000	ng	-0.01
21) Naphthalene-d8	8.134	136	316790	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	169643	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	263718	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	122216	20.000	ng	-0.02
86) Perylene-d12	15.474	264	150368	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	714207	149.121	ng	0.01
7) Phenol-d6	6.498	99	952141	149.441	ng	0.00
23) Nitrobenzene-d5	7.422	82	648931	100.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	228829	144.328	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1082366	99.717	ng	-0.02
79) Terphenyl-d14	12.957	244	754107	100.521	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.875	88	91963	43.354	ng	# 80
3) Pyridine	3.569	79	215869	41.267	ng	97
4) n-Nitrosodimethylamine	3.499	42	177416	52.100	ng	91
6) Aniline	6.522	93	157714	26.428	ng	# 1
8) 2-Chlorophenol	6.645	128	295277	58.305	ng	98
9) Benzaldehyde	6.410	77	13576	3.981	ng	95
10) Phenol	6.516	94	374706	55.407	ng	96
11) bis(2-Chloroethyl)ether	6.598	93	288634	56.686	ng	98
12) 1,3-Dichlorobenzene	6.798	146	289571	50.868	ng	99
13) 1,4-Dichlorobenzene	6.875	146	293533	50.778	ng	99
14) 1,2-Dichlorobenzene	7.022	146	283645	52.683	ng	97
15) Benzyl Alcohol	7.004	79	288462	60.328	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.128	45	508522	50.786	ng	75
17) 2-Methylphenol	7.116	107	242032	58.314	ng	# 91
18) Hexachloroethane	7.363	117	110419	51.959	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	231349	58.765	ng	93
20) 3+4-Methylphenols	7.269	107	306078	58.562	ng	92
22) Acetophenone	7.269	105	384978	50.037	ng	100
24) Nitrobenzene	7.439	77	341829	52.133	ng	98
25) Isophorone	7.681	82	628034	56.679	ng	100
26) 2-Nitrophenol	7.751	139	160391	57.073	ng	95
27) 2,4-Dimethylphenol	7.792	122	221841	64.227	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	367122	55.439	ng	98
29) 2,4-Dichlorophenol	7.998	162	247901	55.269	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	250615	47.963	ng	98
31) Naphthalene	8.157	128	856623	51.993	ng	99
32) Benzoic acid	7.928	122	146395	44.438	ng	92
33) 4-Chloroaniline	8.204	127	64841	11.217	ng	99
34) Hexachlorobutadiene	8.269	225	147930	45.975	ng	98
35) Caprolactam	8.586	113	40639	28.078	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	285547	56.865	ng	100
37) 2-Methylnaphthalene	8.851	142	559370	52.758	ng	99
38) 1-Methylnaphthalene	8.945	142	522562	50.501	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	232505	49.176	ng	99
41) Hexachlorocyclopentadiene	8.998	237	166144	108.262	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	166072	55.065	ng	99

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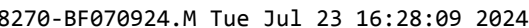
Instrument :
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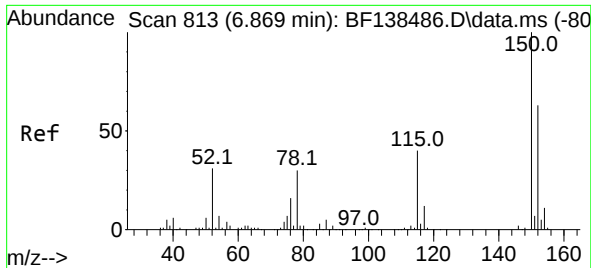
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	177218	53.425	ng	94
46) 1,1'-Biphenyl	9.316	154	659219	51.276	ng	99
47) 2-Chloronaphthalene	9.339	162	520951	53.638	ng	99
48) 2-Nitroaniline	9.439	65	196082	58.260	ng	97
49) Acenaphthylene	9.757	152	825771	59.885	ng	99
50) Dimethylphthalate	9.616	163	635701	57.952	ng	100
51) 2,6-Dinitrotoluene	9.680	165	138238	54.733	ng	89
52) Acenaphthene	9.928	154	508364	55.461	ng	99
53) 3-Nitroaniline	9.845	138	61340	23.696	ng	88
54) 2,4-Dinitrophenol	9.963	184	116681	85.724	ng	92
55) Dibenzofuran	10.098	168	727434	54.715	ng	99
56) 4-Nitrophenol	10.022	139	178454	93.429	ng	99
57) 2,4-Dinitrotoluene	10.086	165	179226	54.845	ng	94
58) Fluorene	10.439	166	567107	53.909	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	139574	53.315	ng	97
60) Diethylphthalate	10.316	149	592831	56.060	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	275637	52.180	ng	95
62) 4-Nitroaniline	10.469	138	126813	48.887	ng	98
63) Azobenzene	10.592	77	639161	56.217	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	89227	58.597	ng	80
66) n-Nitrosodiphenylamine	10.551	169	489434	61.944	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	159227	58.744	ng	98
68) Hexachlorobenzene	10.986	284	172900	57.419	ng	97
69) Atrazine	11.080	200	143495	54.777	ng	98
70) Pentachlorophenol	11.180	266	167078	93.769	ng	97
71) Phenanthrene	11.404	178	751013	56.369	ng	100
72) Anthracene	11.451	178	763973	57.765	ng	100
73) Carbazole	11.610	167	607675	51.128	ng	100
74) Di-n-butylphthalate	11.933	149	831736	60.711	ng	100
75) Fluoranthene	12.586	202	571137	42.011	ng	98
77) Benzidine	12.710	184	111819	36.264	ng	100
78) Pyrene	12.816	202	540263	43.547	ng	99
80) Butylbenzylphthalate	13.427	149	216055	57.891	ng	95
81) Benzo(a)anthracene	13.998	228	471989	57.555	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	75913	35.925	ng	# 97
83) Chrysene	14.039	228	415744	53.590	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	288661	72.521	ng	99
85) Di-n-octyl phthalate	14.598	149	534369	84.982	ng	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	340502	33.712	ng	99
88) Benzo(b)fluoranthene	15.045	252	509747	60.195	ng	99
89) Benzo(k)fluoranthene	15.080	252	456222	55.239	ng	99
90) Benzo(a)pyrene	15.415	252	444663	59.774	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	277681	33.609	ng	99
92) Benzo(g,h,i)perylene	17.374	276	238219	27.191	ng	96

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

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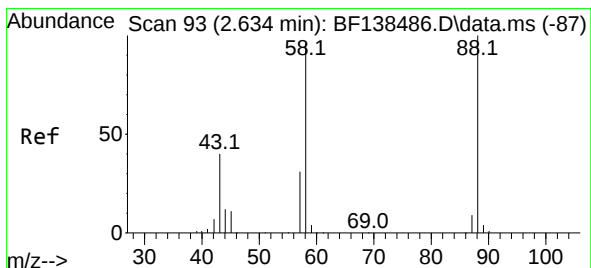
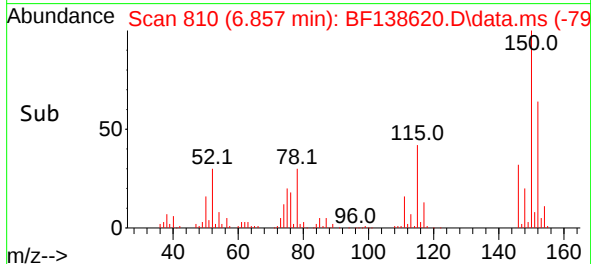
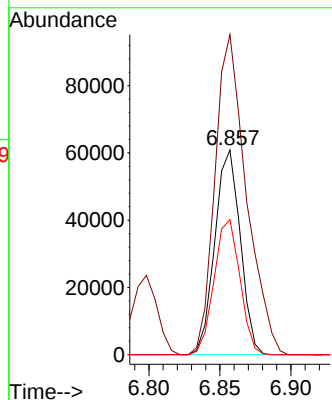
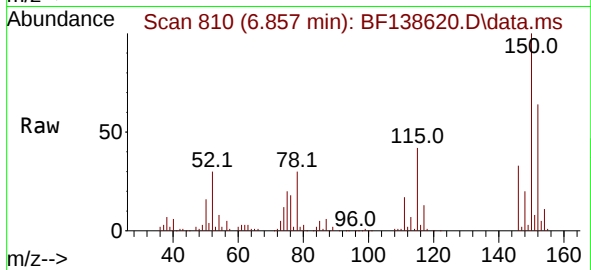




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138620.D
 Acq: 23 Jul 2024 16:01

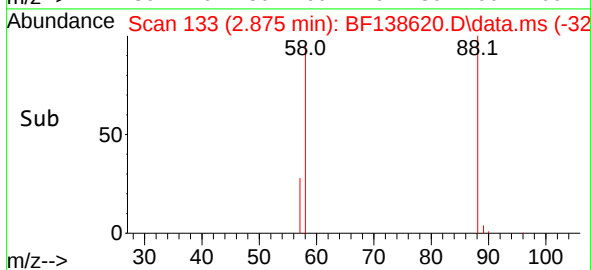
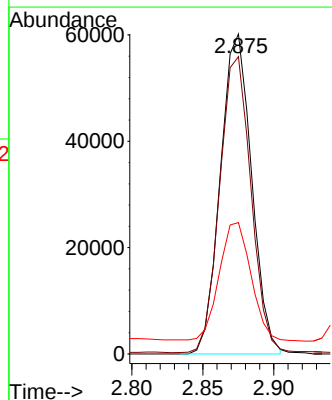
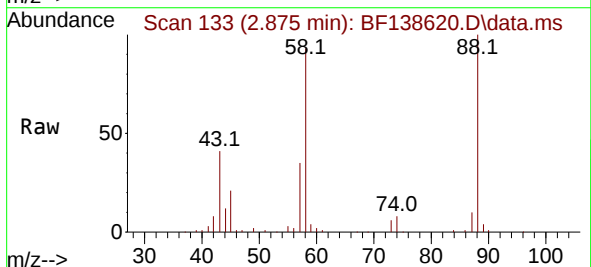
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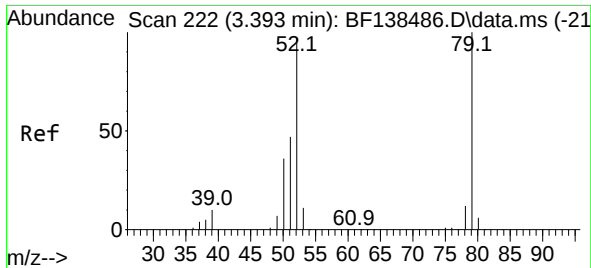
Tgt Ion:152 Resp: 75853
 Ion Ratio Lower Upper
 152 100
 150 156.4 126.2 189.4
 115 66.0 50.3 75.5



#2
 1,4-Dioxane
 Concen: 43.354 ng
 RT: 2.875 min Scan# 133
 Delta R.T. 0.241 min
 Lab File: BF138620.D
 Acq: 23 Jul 2024 16:01

Tgt Ion: 88 Resp: 91963
 Ion Ratio Lower Upper
 88 100
 58 92.3 74.6 112.0
 43 0.0 31.8 47.6#





#3

Pyridine

Concen: 41.267 ng

RT: 3.569 min Scan# 215

Delta R.T. 0.177 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

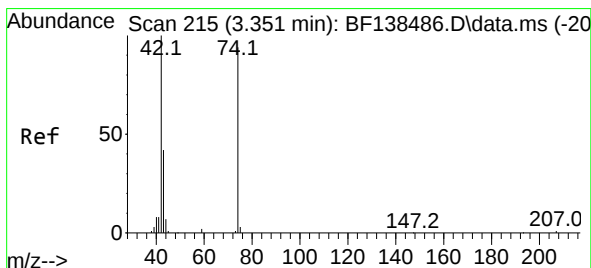
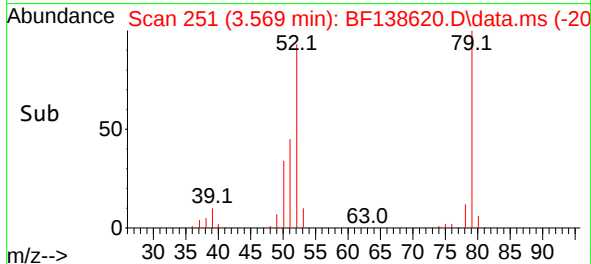
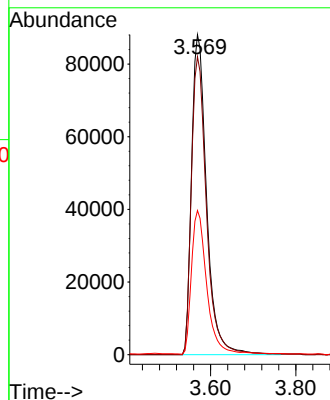
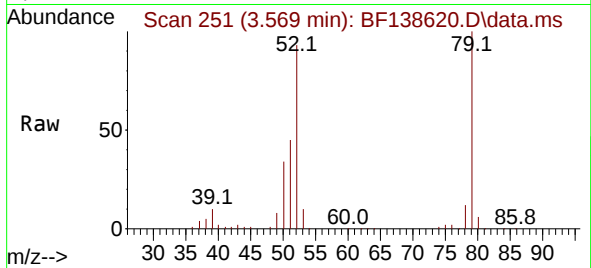
Tgt Ion: 79 Resp: 215869

Ion Ratio Lower Upper

79 100

52 93.1 77.4 116.2

51 45.0 37.4 56.0



#4

n-Nitrosodimethylamine

Concen: 52.100 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.147 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

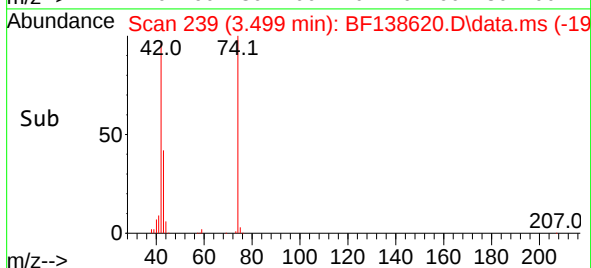
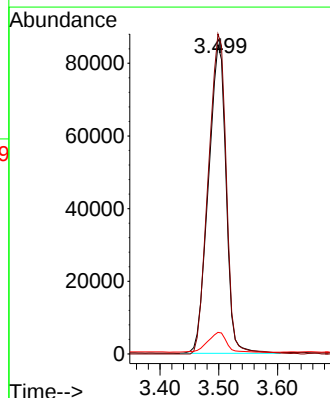
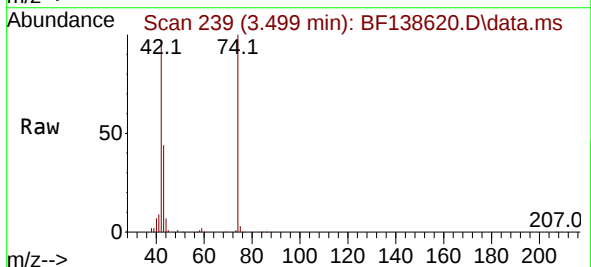
Tgt Ion: 42 Resp: 177416

Ion Ratio Lower Upper

42 100

74 103.4 75.0 112.6

44 7.0 5.4 8.2

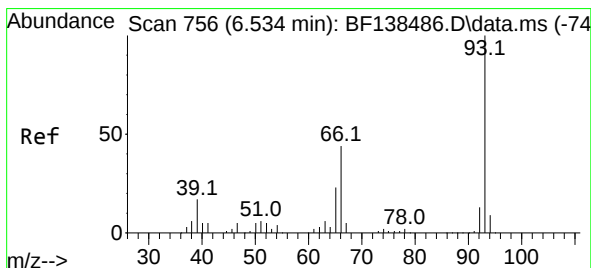
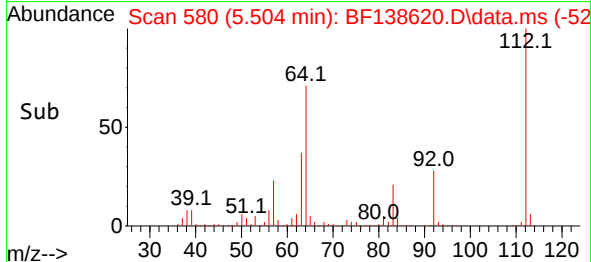
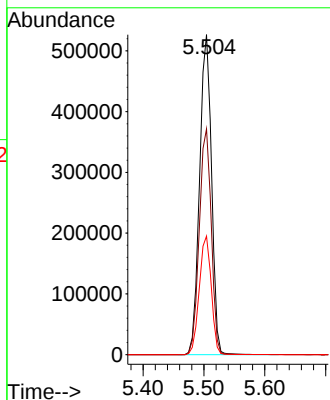
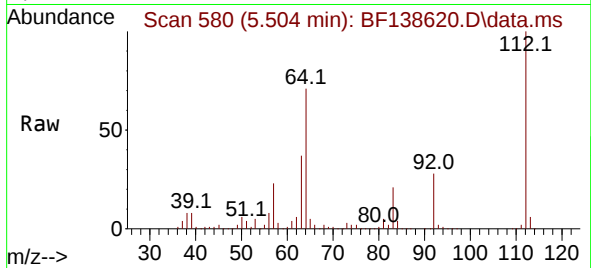




#5
2-Fluorophenol
Concen: 149.121 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

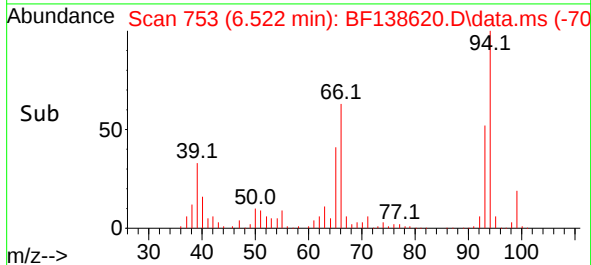
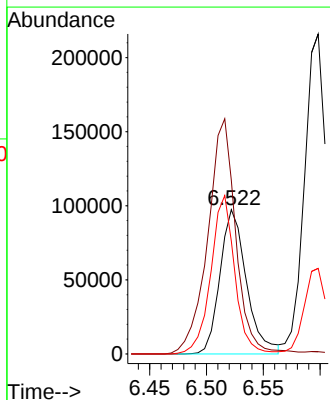
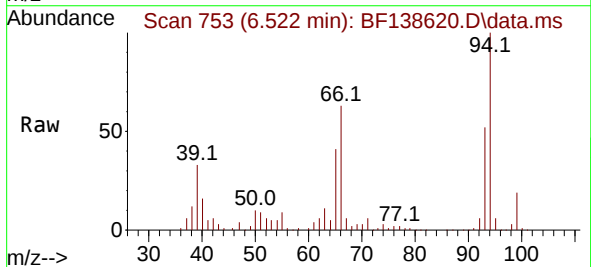
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 714207
Ion Ratio Lower Upper
112 100
64 70.6 55.1 82.7
63 37.1 29.0 43.6



#6
Aniline
Concen: 26.428 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion: 93 Resp: 157714
Ion Ratio Lower Upper
93 100
66 120.4 35.4 53.0#
65 78.2 18.6 27.8#

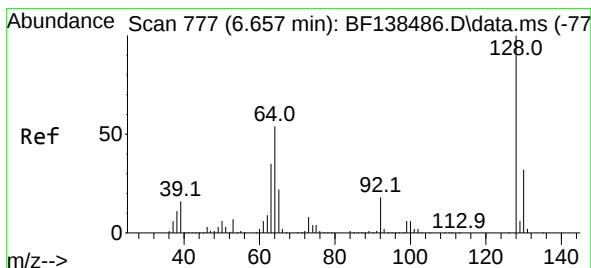
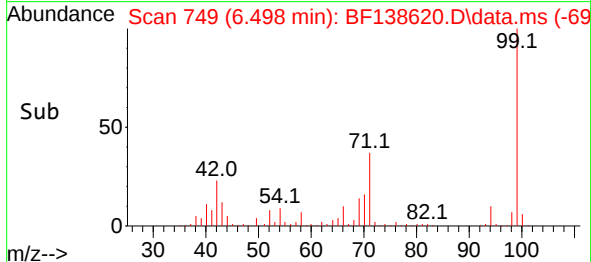
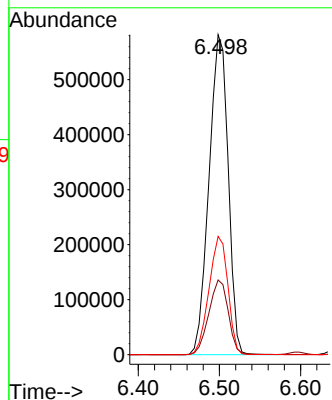
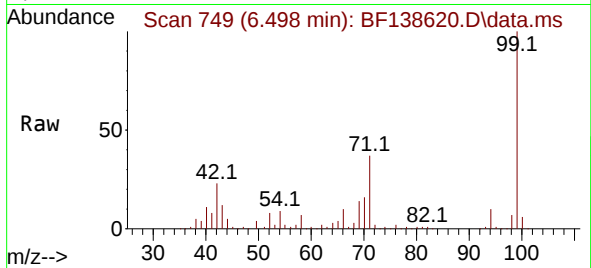




#7
Phenol-d6
Concen: 149.441 ng
RT: 6.498 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

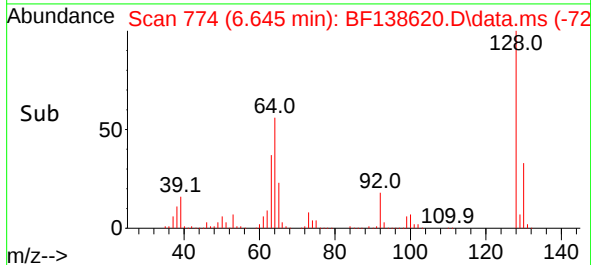
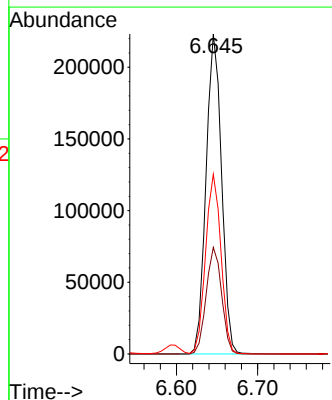
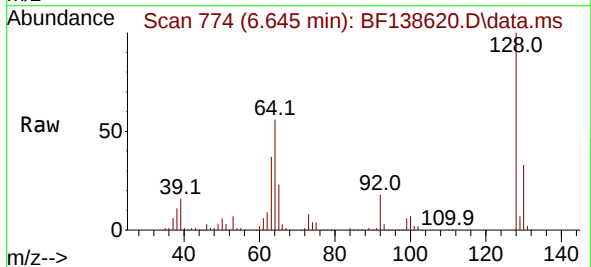
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion: 99 Resp: 952141
Ion Ratio Lower Upper
99 100
42 23.4 19.7 29.5
71 37.0 29.9 44.9



#8
2-Chlorophenol
Concen: 58.305 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:128 Resp: 295277
Ion Ratio Lower Upper
128 100
130 33.3 12.1 52.1
64 56.1 34.4 74.4

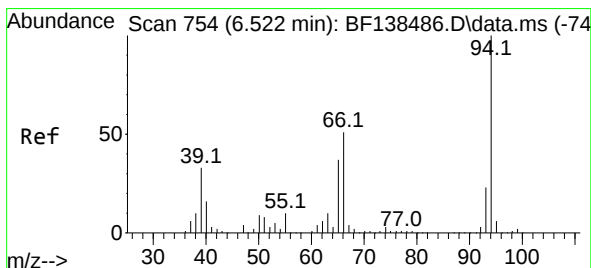
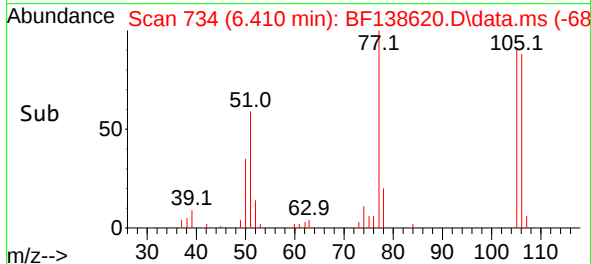
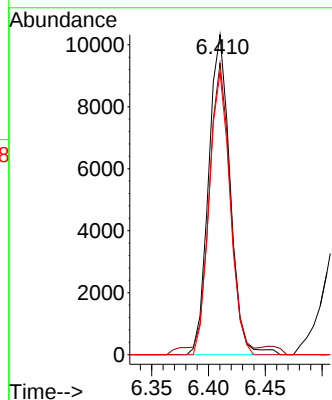
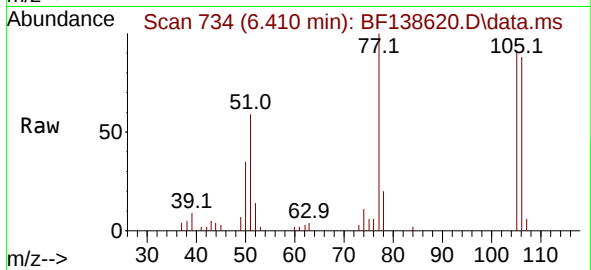




#9
Benzaldehyde
Concen: 3.981 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

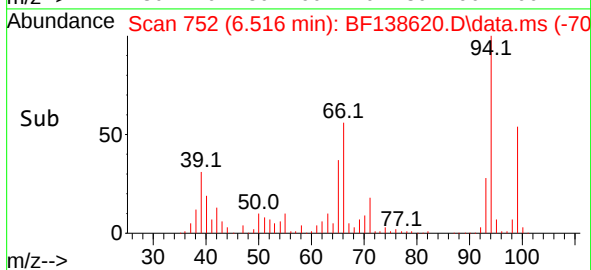
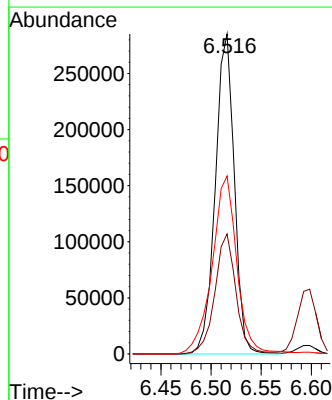
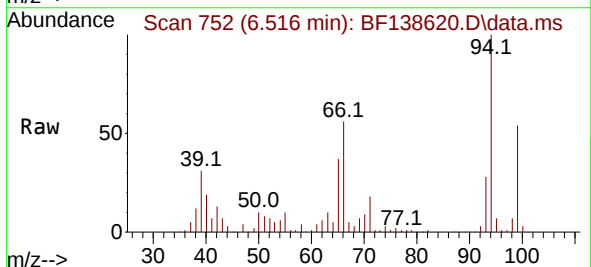
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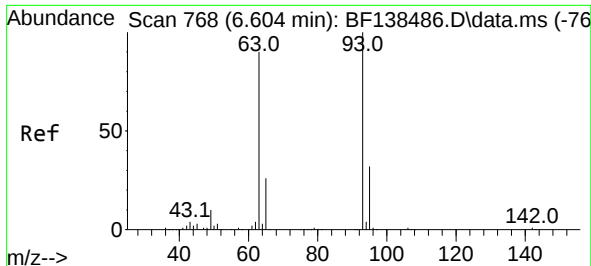
Tgt Ion: 77 Resp: 13576
Ion Ratio Lower Upper
77 100
105 91.1 75.1 115.1
106 88.1 73.2 113.2



#10
Phenol
Concen: 55.407 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion: 94 Resp: 374706
Ion Ratio Lower Upper
94 100
65 37.5 16.7 56.7
66 55.6 31.2 71.2

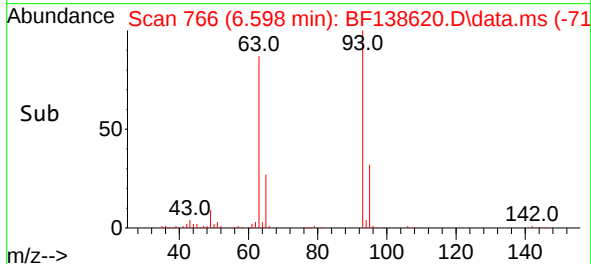
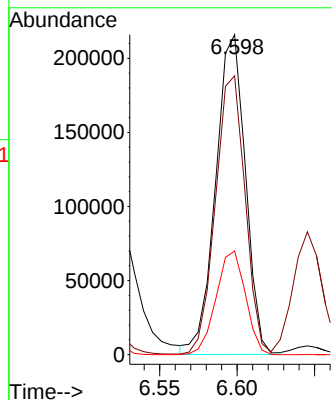
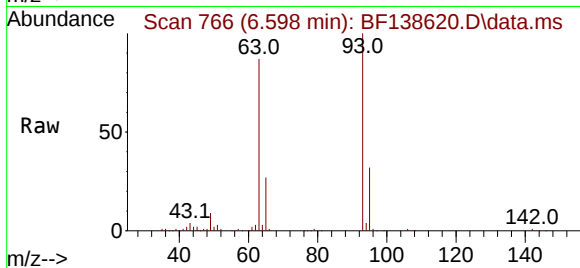




#11
bis(2-Chloroethyl)ether
Concen: 56.686 ng
RT: 6.598 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

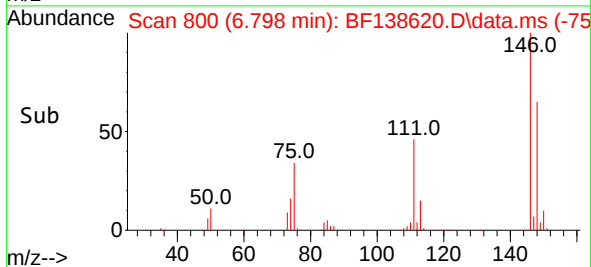
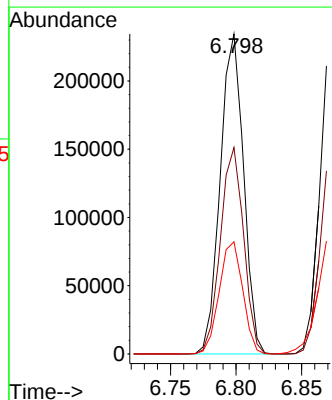
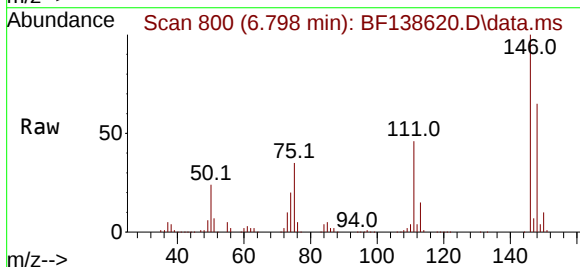
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion: 93 Resp: 288634
Ion Ratio Lower Upper
93 100
63 87.1 68.8 108.8
95 32.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 50.868 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:146 Resp: 289571
Ion Ratio Lower Upper
146 100
148 64.5 52.4 78.6
75 35.0 27.8 41.8

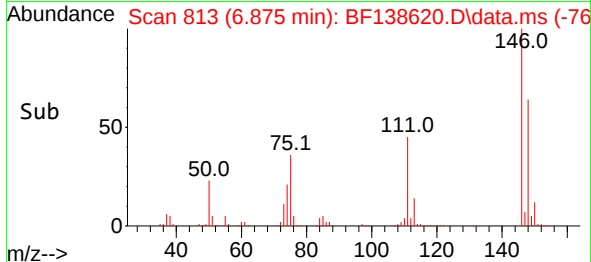
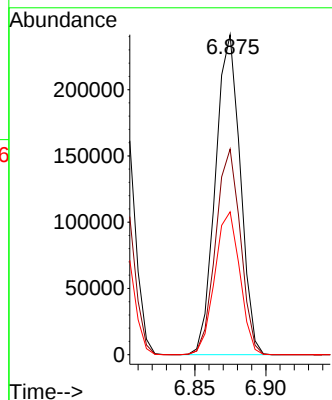
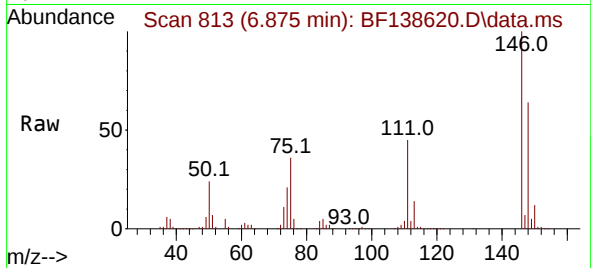




#13
1,4-Dichlorobenzene
Concen: 50.778 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

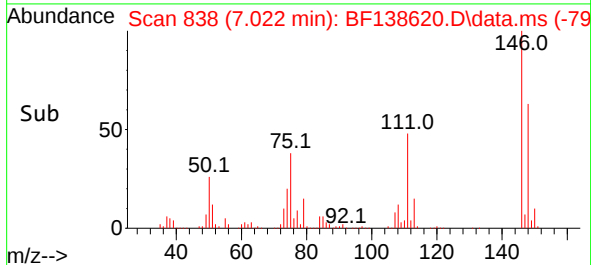
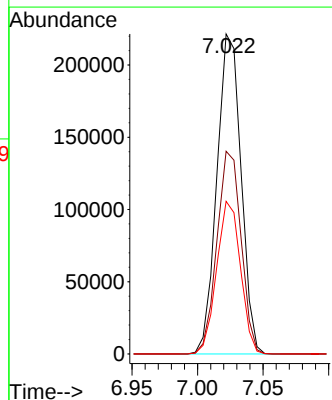
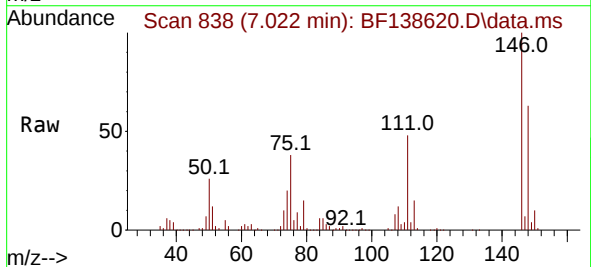
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:146 Resp: 293533
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 44.7 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 52.683 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:146 Resp: 283645
Ion Ratio Lower Upper
146 100
148 63.4 50.1 75.1
111 47.7 35.5 53.3

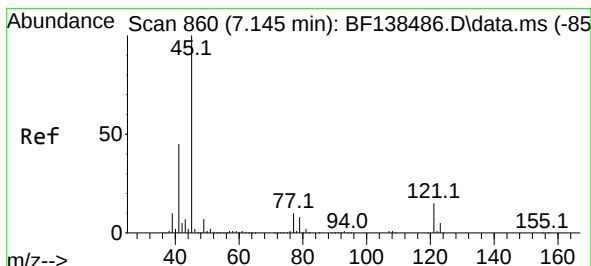
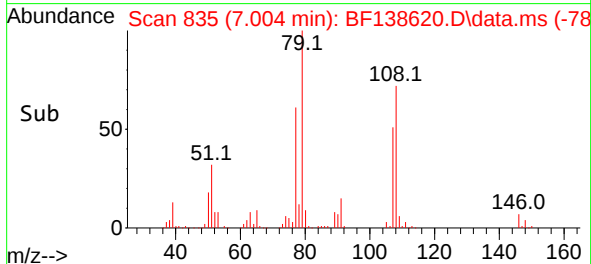
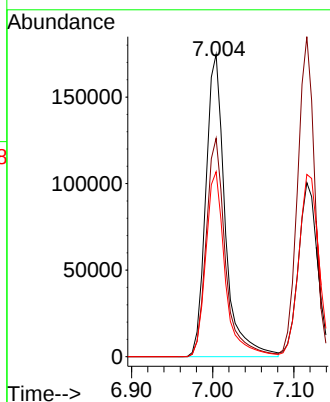
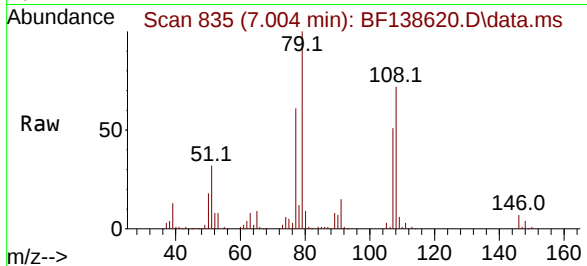




#15
Benzyl Alcohol
Concen: 60.328 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

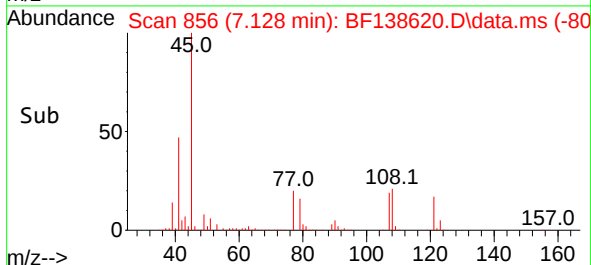
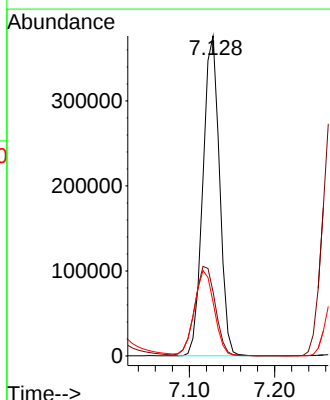
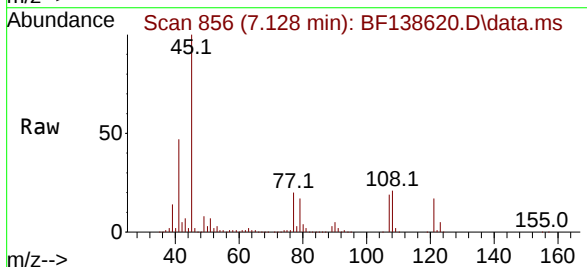
Instrument :
BNA_F
ClientSampleId :
285-290MSD

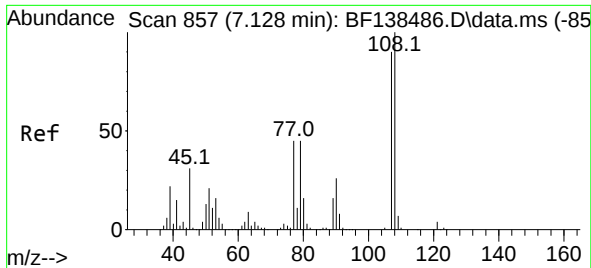
Tgt Ion: 79 Resp: 288462
Ion Ratio Lower Upper
79 100
108 72.2 54.3 81.5
77 61.2 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.786 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion: 45 Resp: 508522
Ion Ratio Lower Upper
45 100
77 20.1 0.0 30.4
79 16.8 0.0 28.1

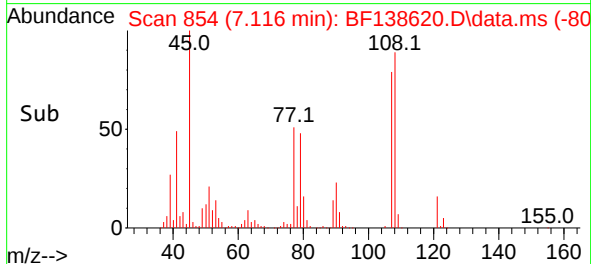
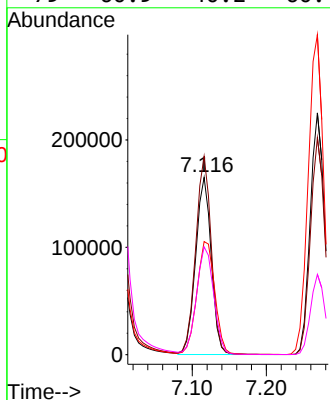
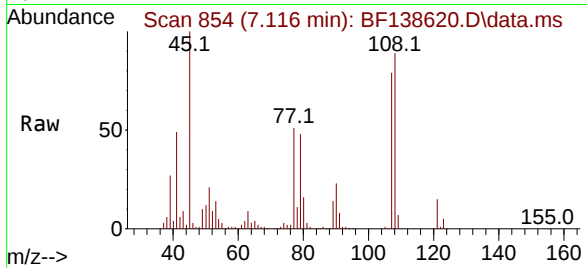




#17
2-Methylphenol
Concen: 58.314 ng
RT: 7.116 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

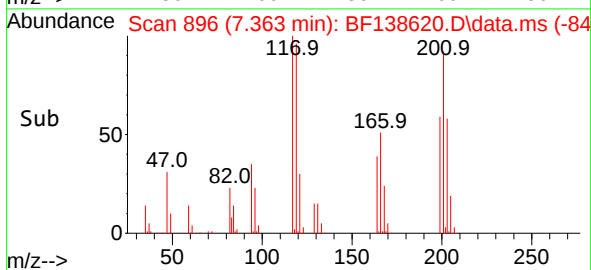
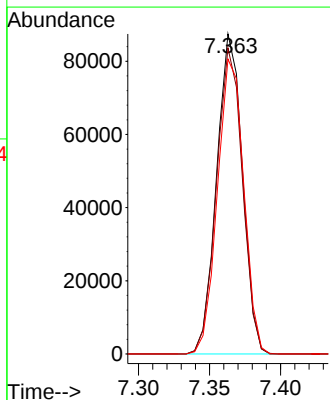
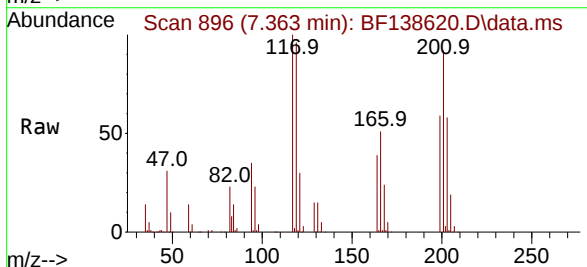
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:107 Resp: 242032
Ion Ratio Lower Upper
107 100
108 111.9 89.0 133.4
77 63.8 40.3 60.5#
79 60.9 40.2 60.4#



#18
Hexachloroethane
Concen: 51.959 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:117 Resp: 110419
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8
201 92.1 81.4 122.0

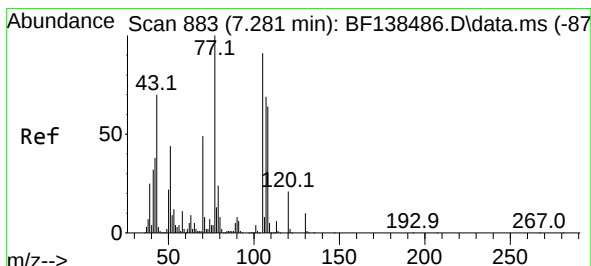
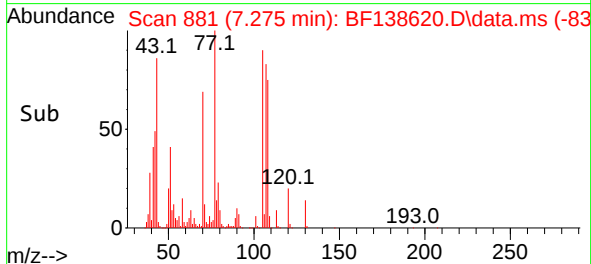
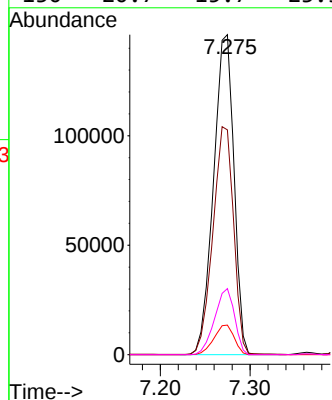
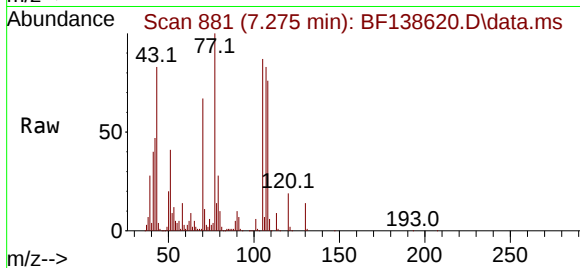




#19
n-Nitroso-di-n-propylamine
Concen: 58.765 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

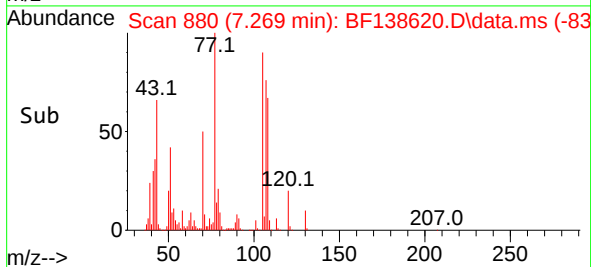
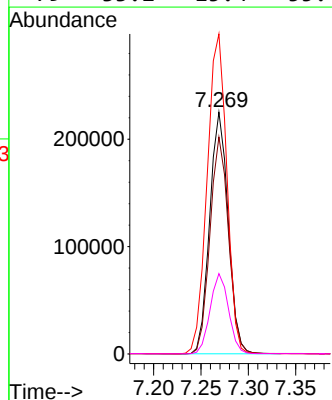
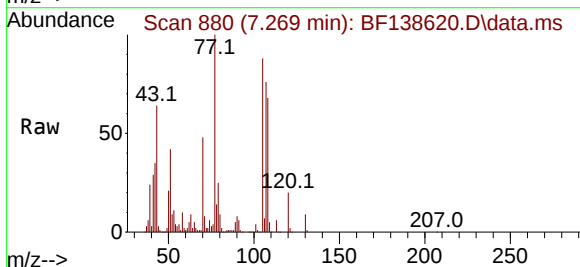
Instrument :
BNA_F
ClientSampleId :
285-290MSD

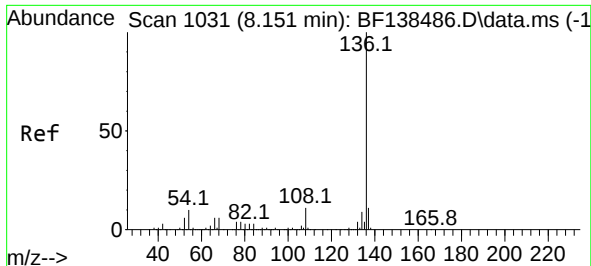
Tgt Ion: 70 Resp: 231349
Ion Ratio Lower Upper
70 100
42 70.2 62.4 93.6
101 9.3 7.2 10.8
130 20.7 15.7 23.5



#20
3+4-Methylphenols
Concen: 58.562 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:107 Resp: 306078
Ion Ratio Lower Upper
107 100
108 89.7 73.7 113.7
77 132.4 126.0 166.0
79 33.2 15.4 55.4

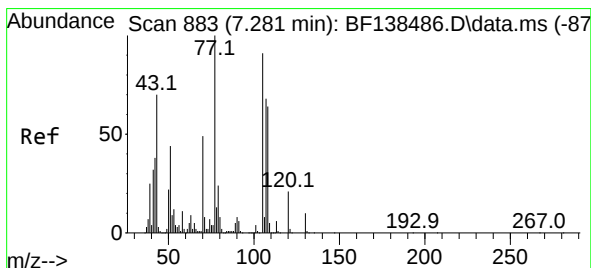
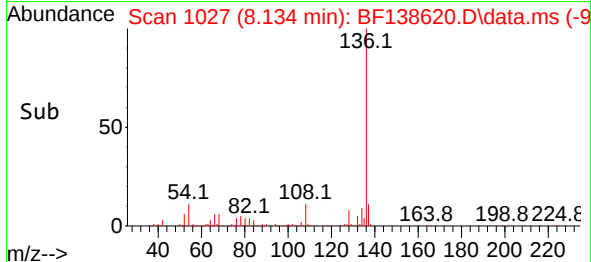
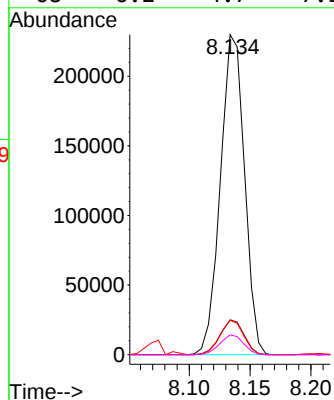
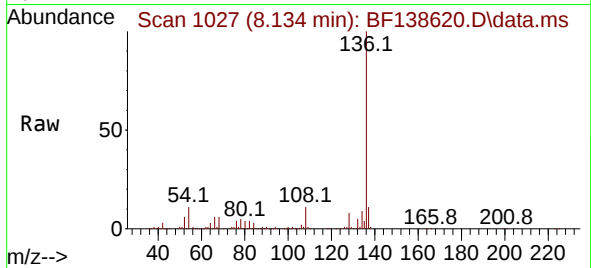




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

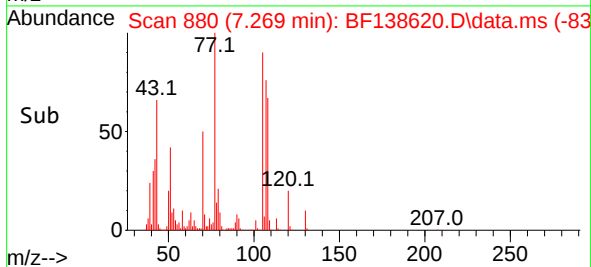
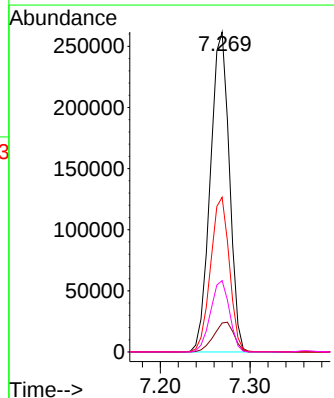
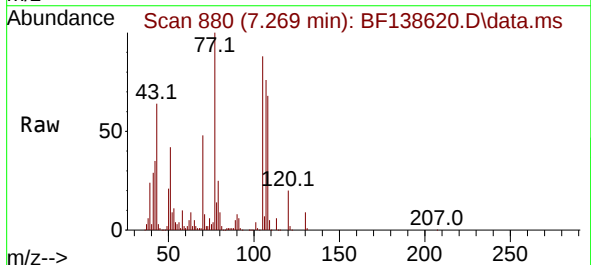
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:136 Resp: 316790
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 10.8 8.1 12.1
68 6.2 4.7 7.1



#22
Acetophenone
Concen: 50.037 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:105 Resp: 384978
Ion Ratio Lower Upper
105 100
71 9.1 7.4 11.2
51 48.3 38.7 58.1
120 22.3 18.2 27.2

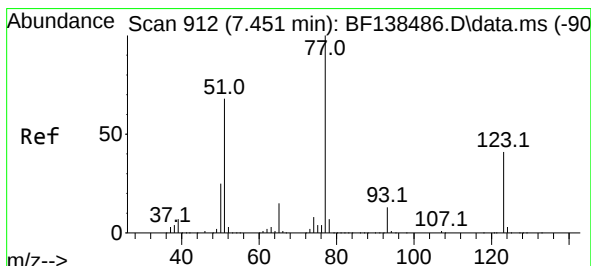
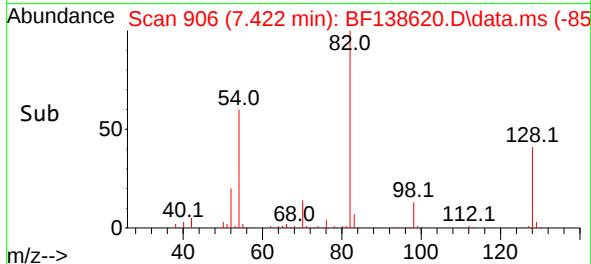
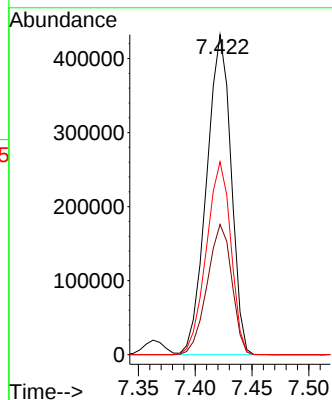
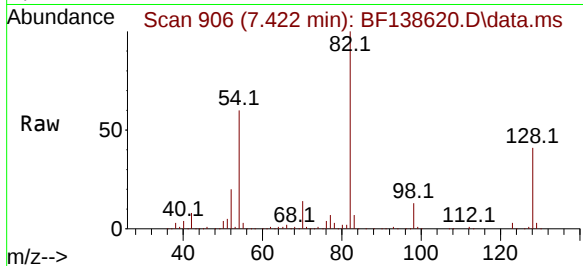




#23
Nitrobenzene-d5
Concen: 100.575 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

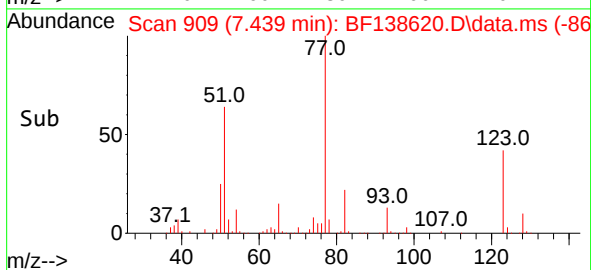
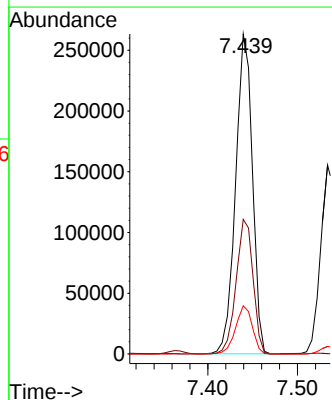
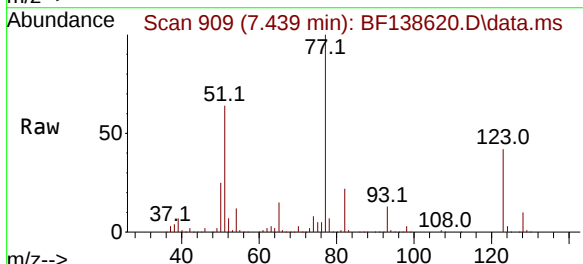
Instrument :
BNA_F
ClientSampleId :
285-290MSD

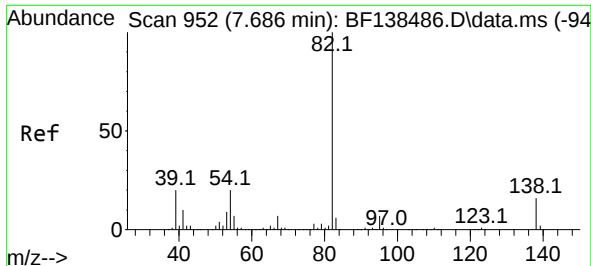
Tgt Ion: 82 Resp: 648931
Ion Ratio Lower Upper
82 100
128 40.7 32.3 48.5
54 60.3 51.4 77.0



#24
Nitrobenzene
Concen: 52.133 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion: 77 Resp: 341829
Ion Ratio Lower Upper
77 100
123 42.1 32.4 48.6
65 15.0 11.8 17.8

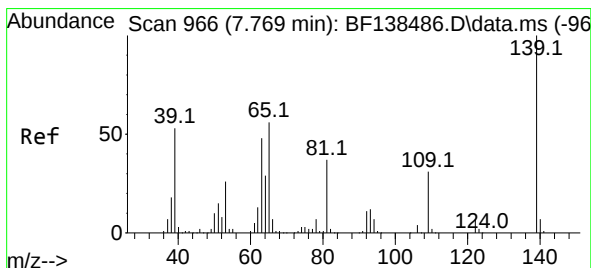
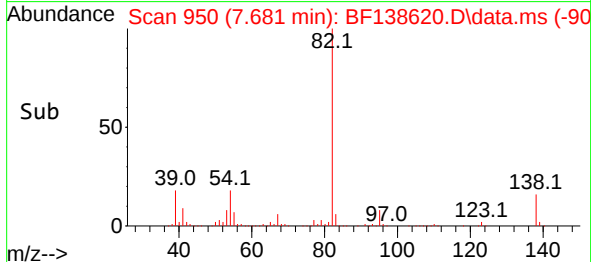
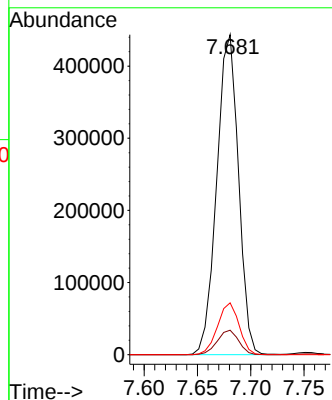
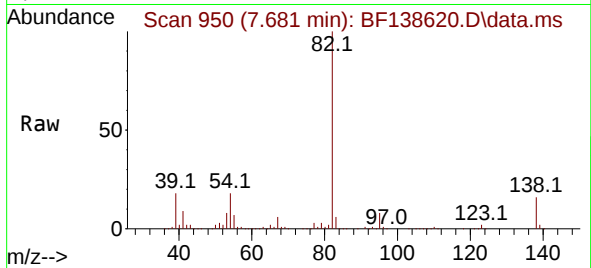




#25
Isophorone
Concen: 56.679 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

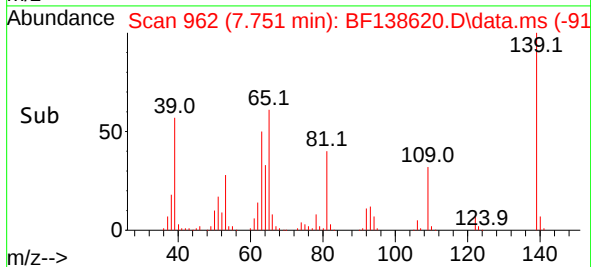
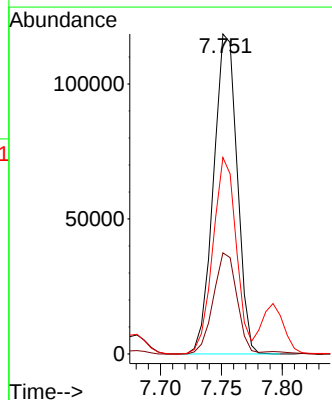
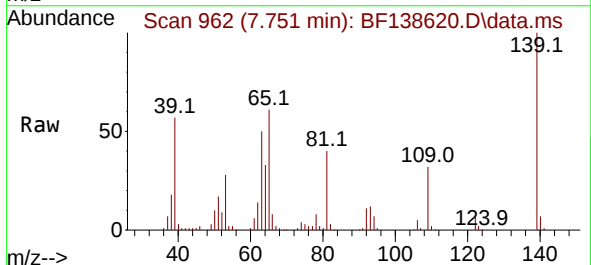
Instrument :
BNA_F
ClientSampleId :
285-290MSD

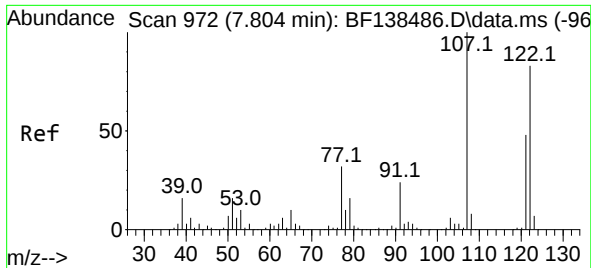
Tgt Ion: 82 Resp: 628034
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 16.2 12.8 19.2



#26
2-Nitrophenol
Concen: 57.073 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:139 Resp: 160391
Ion Ratio Lower Upper
139 100
109 31.6 24.8 37.2
65 61.4 45.1 67.7

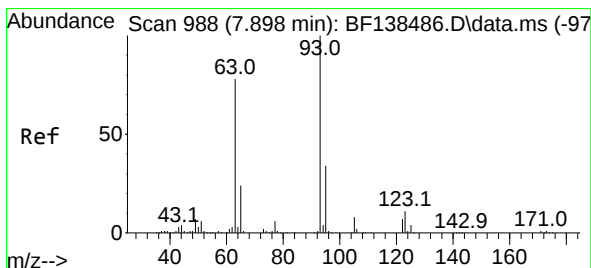
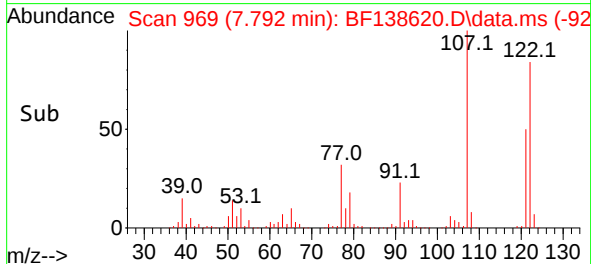
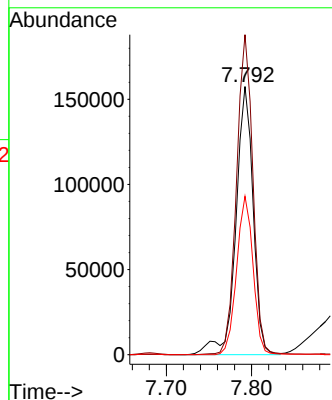
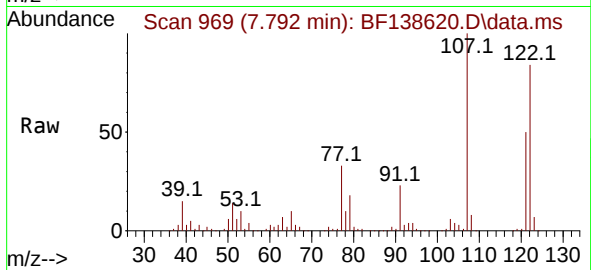




#27
2,4-Dimethylphenol
Concen: 64.227 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

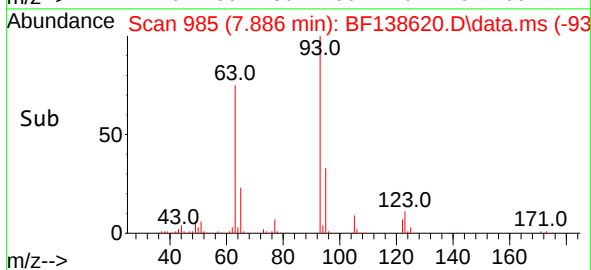
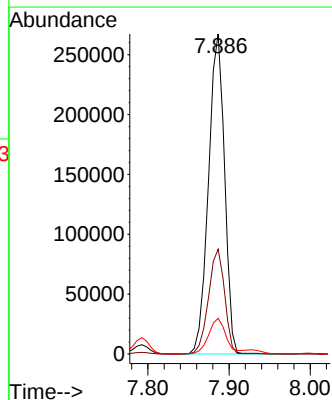
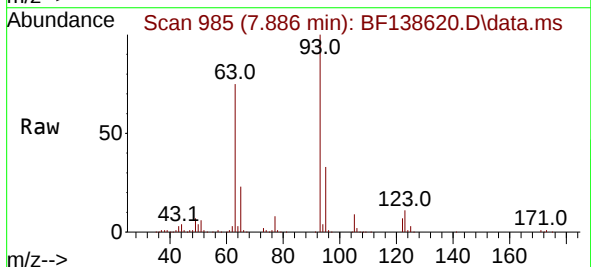
Instrument :
BNA_F
ClientSampleId :
285-290MSD

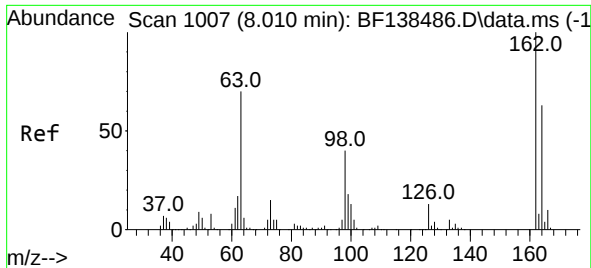
Tgt Ion:122 Resp: 221841
Ion Ratio Lower Upper
122 100
107 119.3 96.3 144.5
121 59.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 55.439 ng
RT: 7.886 min Scan# 985
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion: 93 Resp: 367122
Ion Ratio Lower Upper
93 100
95 32.7 27.0 40.6
123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 55.269 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

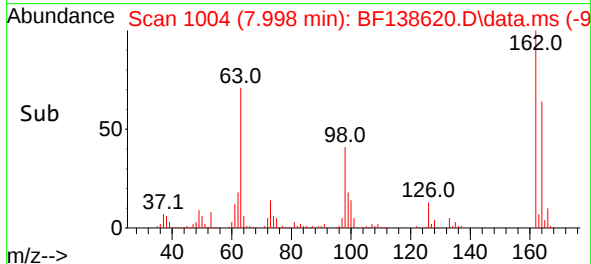
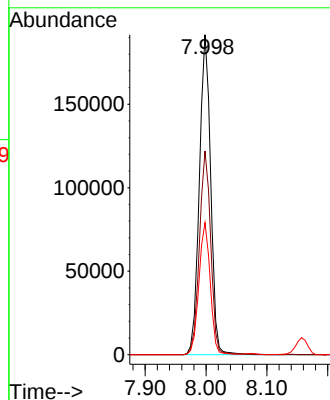
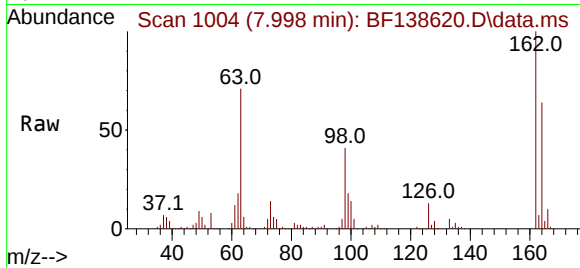
Tgt Ion:162 Resp: 247901

Ion Ratio Lower Upper

162 100

164 63.7 42.6 82.6

98 41.3 20.1 60.1



#30

1,2,4-Trichlorobenzene

Concen: 47.963 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

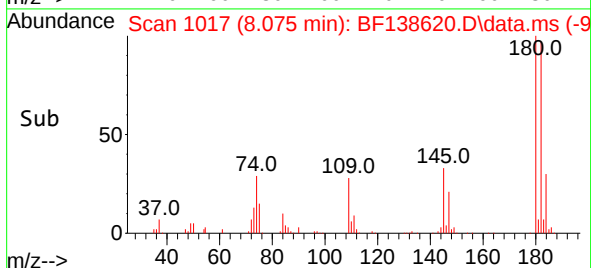
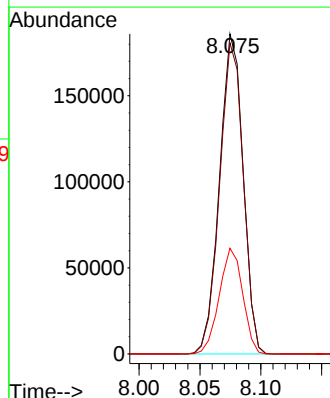
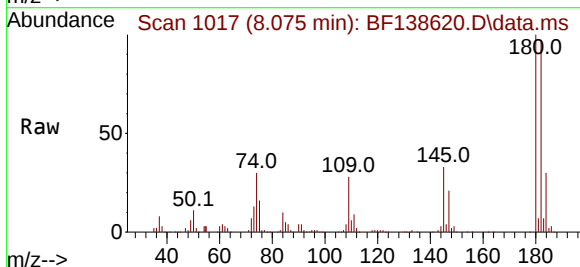
Tgt Ion:180 Resp: 250615

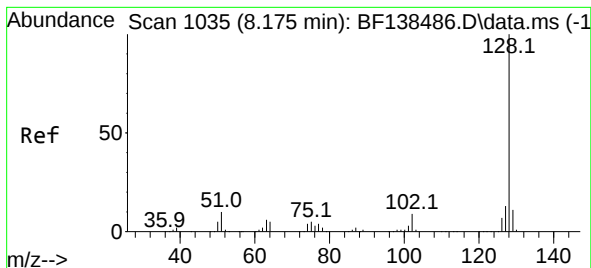
Ion Ratio Lower Upper

180 100

182 97.2 76.9 115.3

145 33.1 23.9 35.9





#31

Naphthalene

Concen: 51.993 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

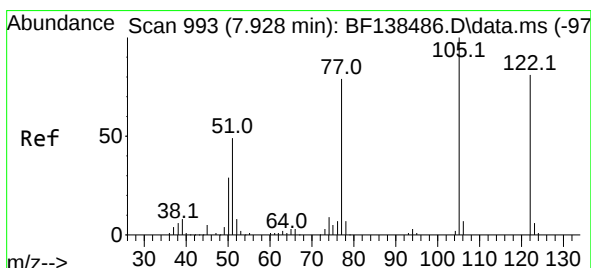
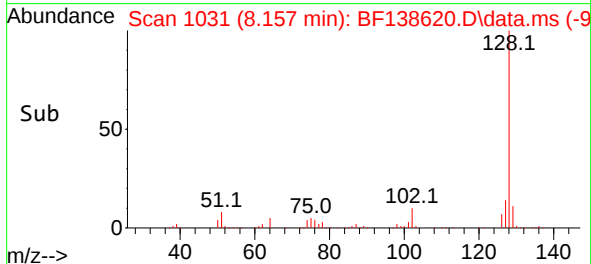
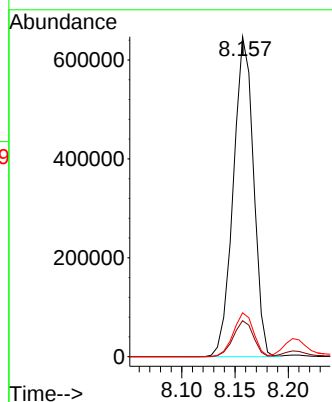
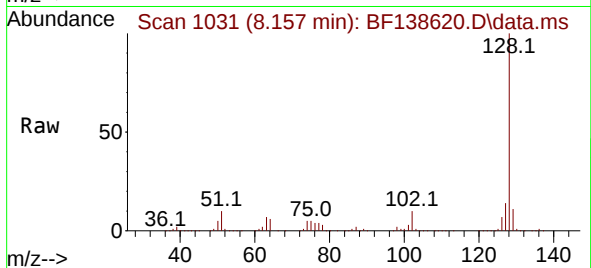
Tgt Ion:128 Resp: 856623

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.7 10.7 16.1



#32

Benzoic acid

Concen: 44.438 ng

RT: 7.928 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

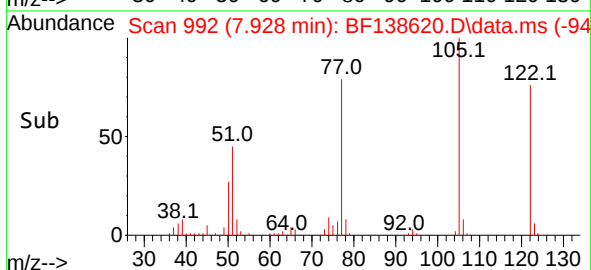
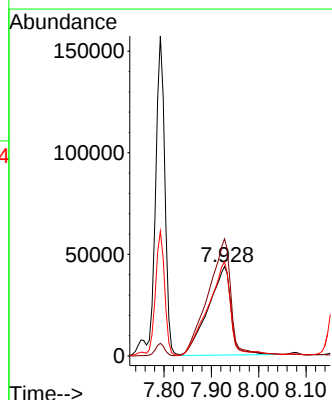
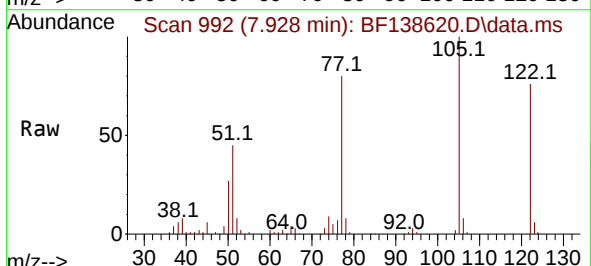
Tgt Ion:122 Resp: 146395

Ion Ratio Lower Upper

122 100

105 131.0 101.5 141.5

77 105.3 77.3 117.3

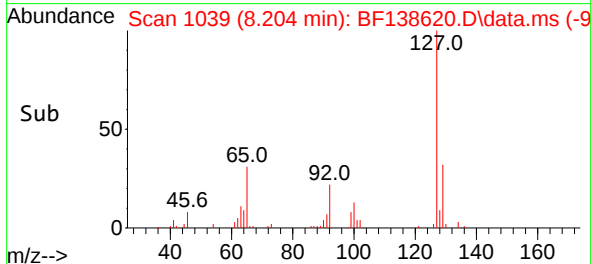
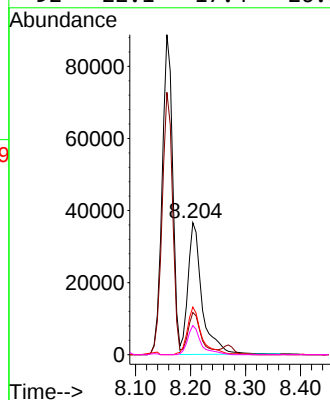
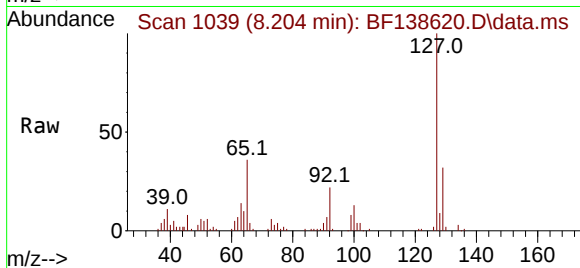




#33
4-Chloroaniline
Concen: 11.217 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

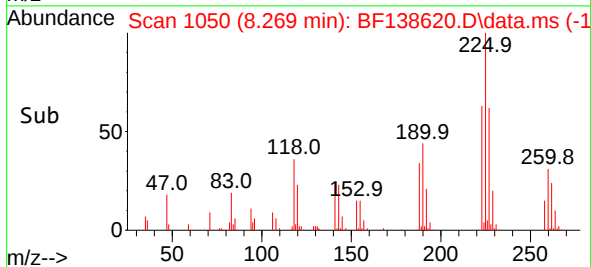
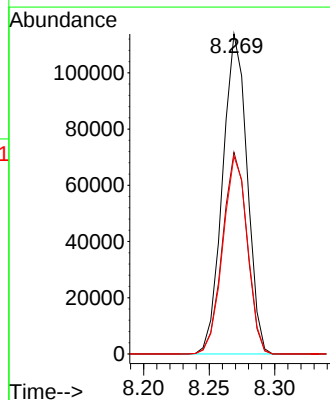
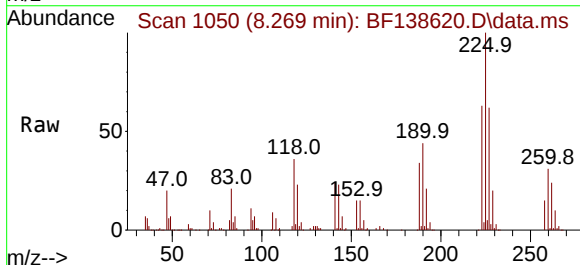
Instrument :
BNA_F
ClientSampleId :
285-290MSD

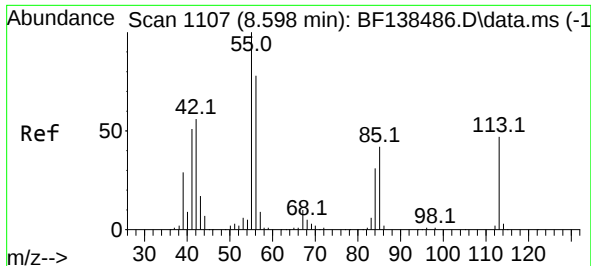
Tgt Ion:127	Resp: 64841
Ion Ratio	Lower Upper
127 100	
129 32.0	25.6 38.4
65 36.1	29.6 44.4
92 22.1	17.4 26.0



#34
Hexachlorobutadiene
Concen: 45.975 ng
RT: 8.269 min Scan# 1050
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:225	Resp: 147930
Ion Ratio	Lower Upper
225 100	
223 63.0	50.0 75.0
227 61.8	51.0 76.6

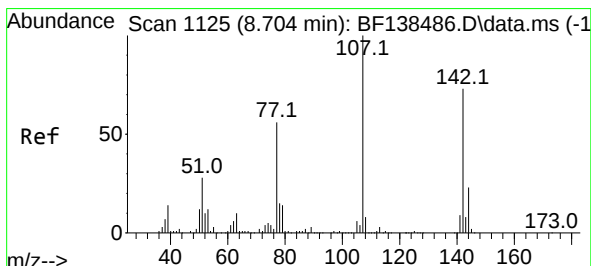
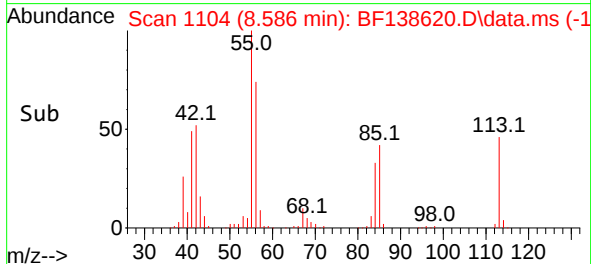
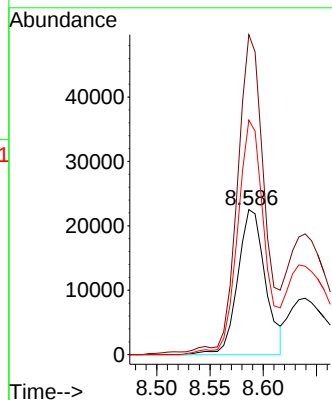
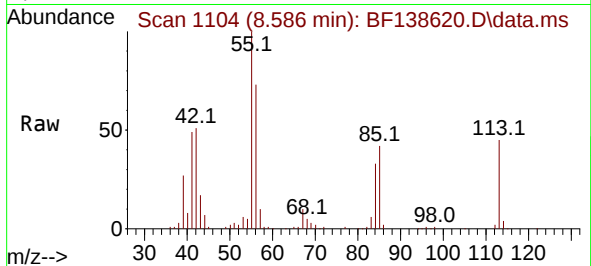




#35
 Caprolactam
 Concen: 28.078 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: BF138620.D
 Acq: 23 Jul 2024 16:01

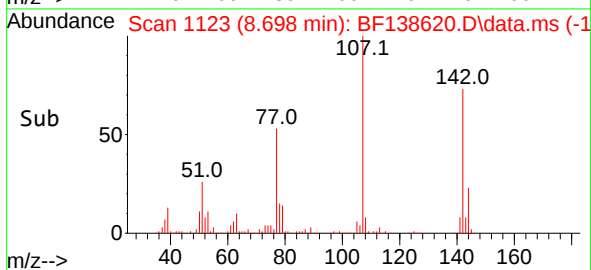
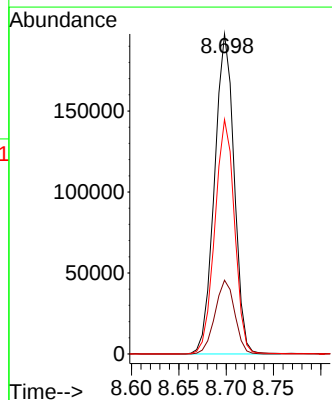
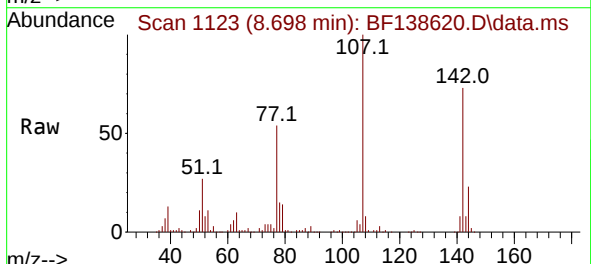
Instrument :
 BNA_F
 ClientSampleId :
 285-290MSD

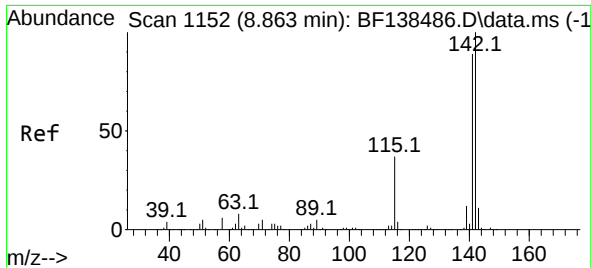
Tgt Ion:113 Resp: 40639
 Ion Ratio Lower Upper
 113 100
 55 220.4 192.5 232.5
 56 161.6 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 56.865 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138620.D
 Acq: 23 Jul 2024 16:01

Tgt Ion:107 Resp: 285547
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.6 27.8
 142 73.2 58.6 88.0

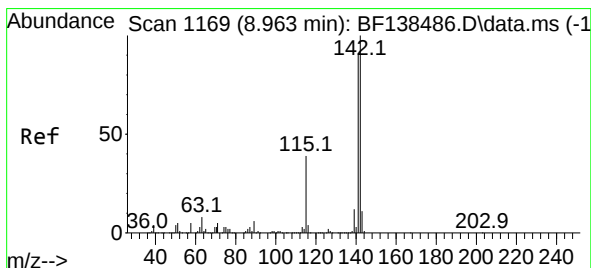
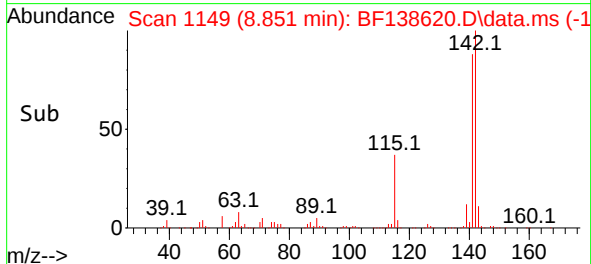
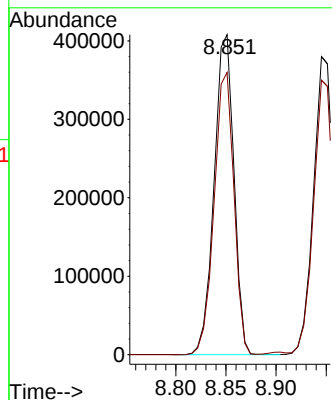
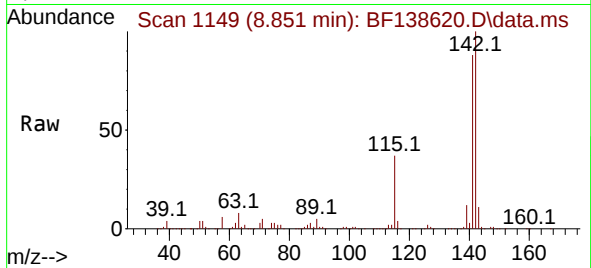




#37
2-Methylnaphthalene
Concen: 52.758 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

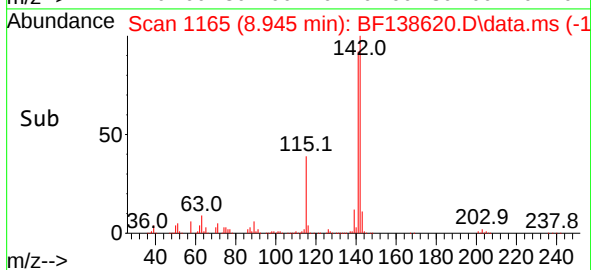
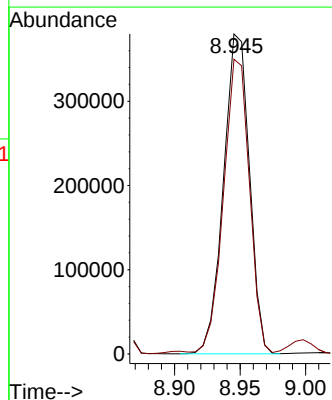
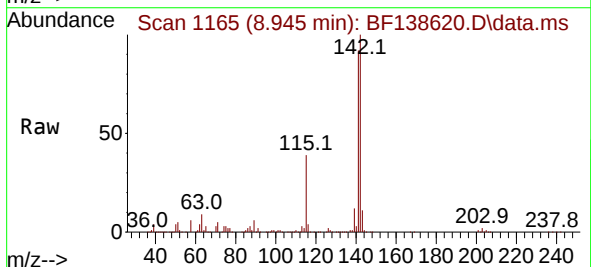
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:142 Resp: 559370
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.0



#38
1-Methylnaphthalene
Concen: 50.501 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:142 Resp: 522562
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8

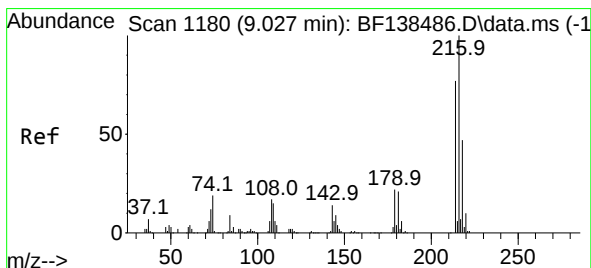
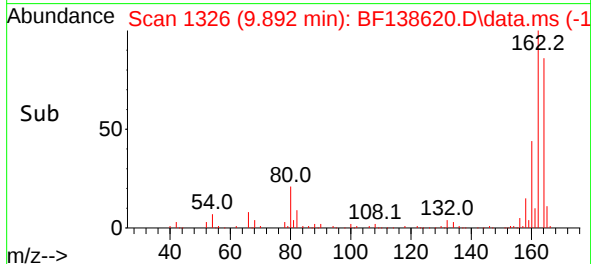
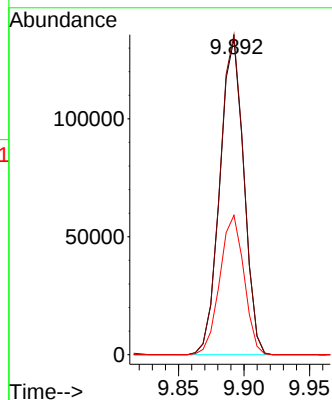
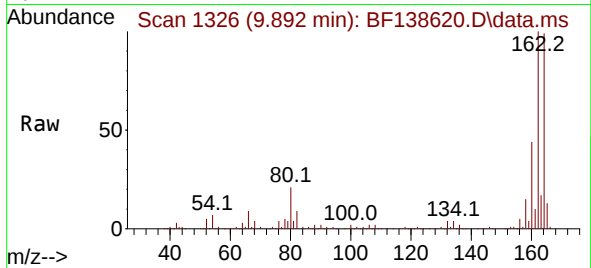




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

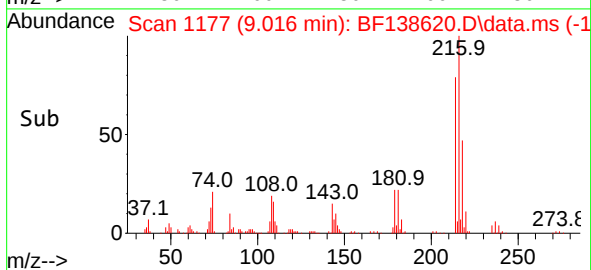
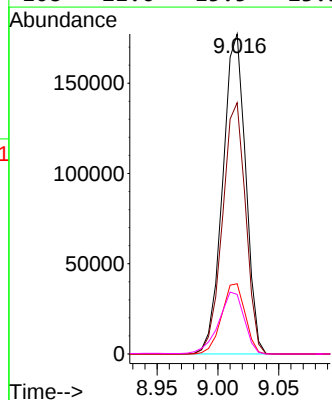
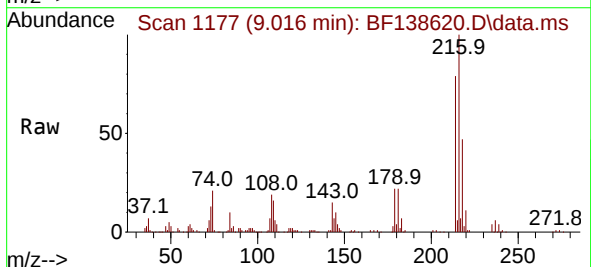
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:164 Resp: 169643
Ion Ratio Lower Upper
164 100
162 101.4 79.0 118.6
160 44.2 34.4 51.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.176 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

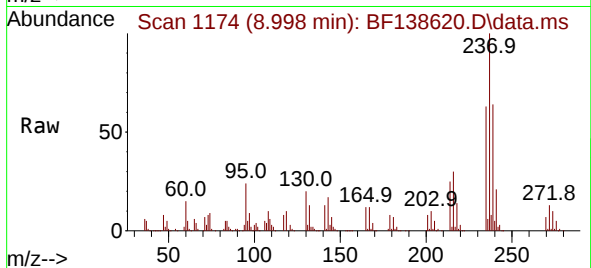
Tgt Ion:216 Resp: 232505
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 22.5 17.7 26.5
108 21.6 15.5 23.3



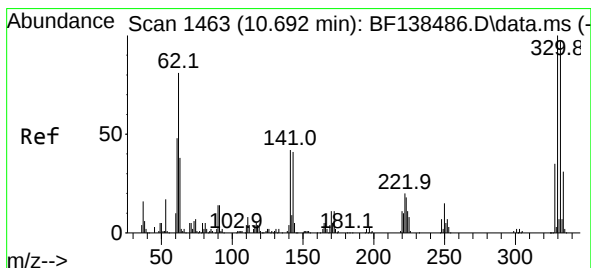
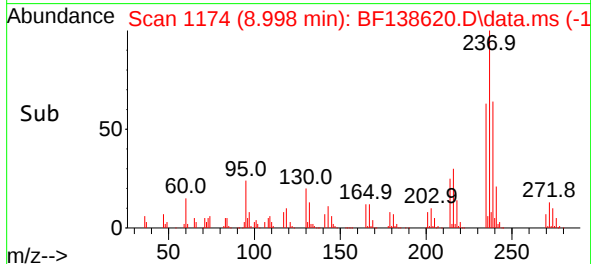
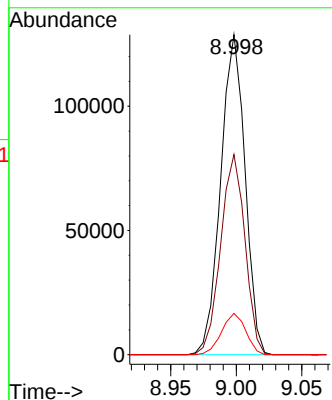


#41
Hexachlorocyclopentadiene
Concen: 108.262 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Instrument :
BNA_F
ClientSampleId :
285-290MSD

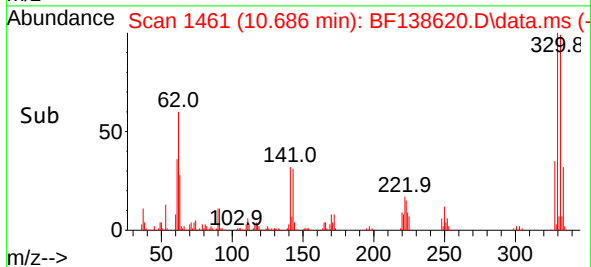
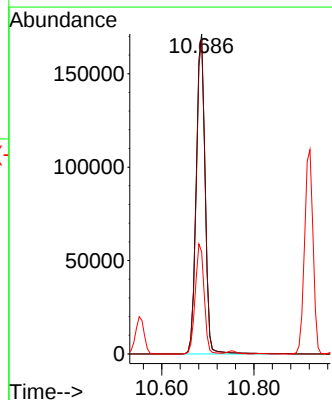
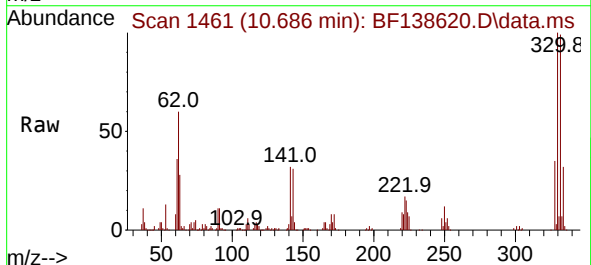


Tgt Ion:237 Resp: 166144
Ion Ratio Lower Upper
237 100
235 62.5 43.3 83.3
272 12.9 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 144.328 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:330 Resp: 228829
Ion Ratio Lower Upper
330 100
332 97.8 76.8 115.2
141 34.5 29.4 44.2





#43

2,4,6-Trichlorophenol

Concen: 55.065 ng

RT: 9.133 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

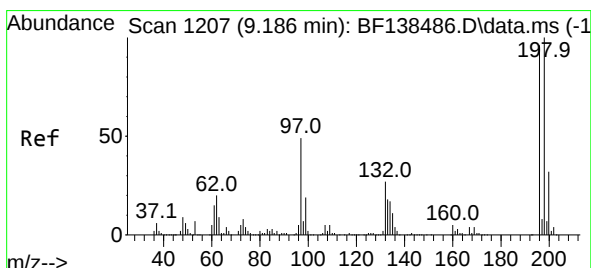
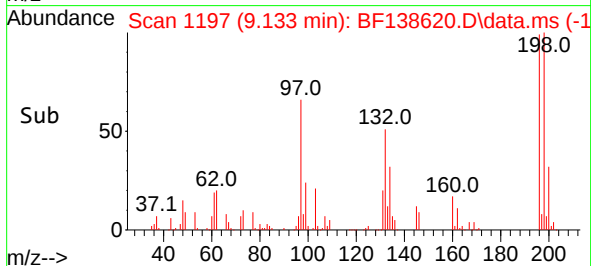
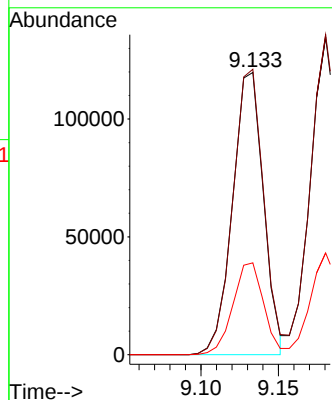
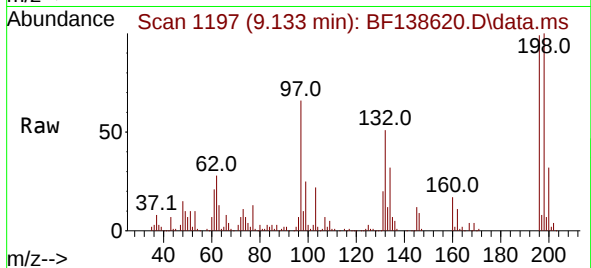
Tgt Ion:196 Resp: 166072

Ion Ratio Lower Upper

196 100

198 101.1 82.3 123.5

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 53.425 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Tgt Ion:196 Resp: 177218

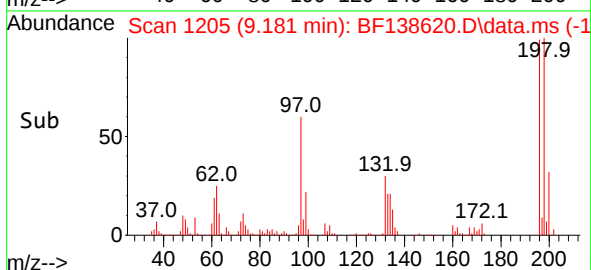
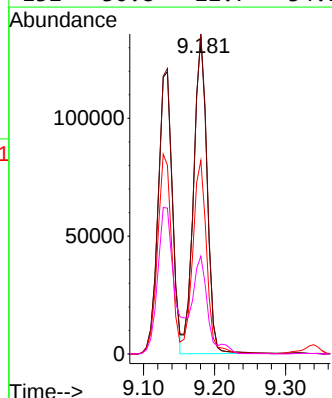
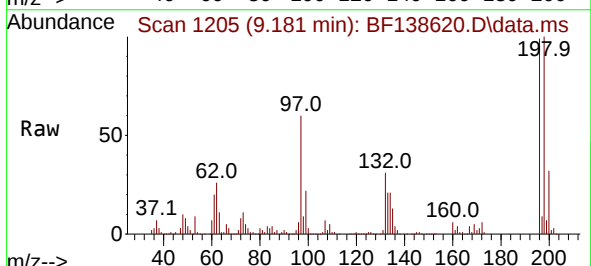
Ion Ratio Lower Upper

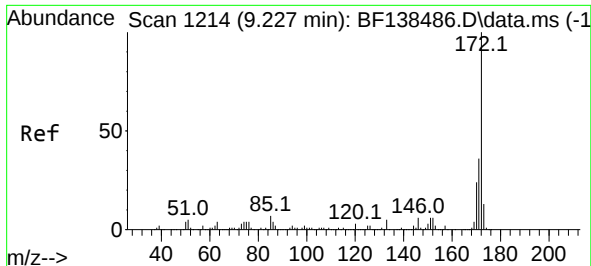
196 100

198 100.8 82.8 124.2

97 61.0 41.0 61.4

132 30.8 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 99.717 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

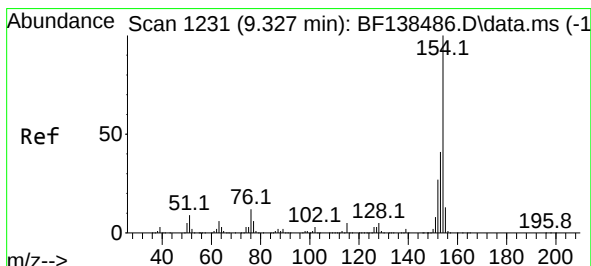
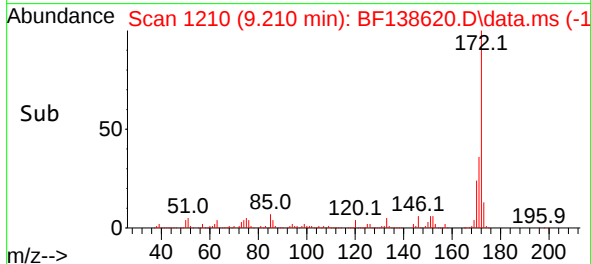
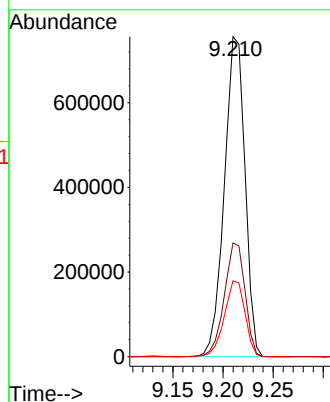
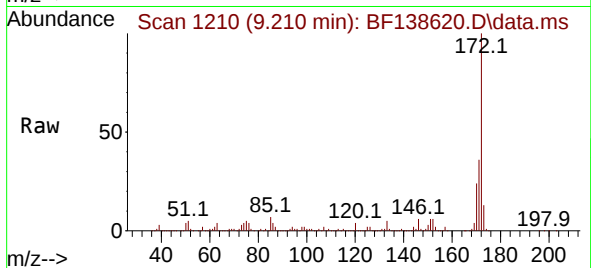
Tgt Ion:172 Resp: 1082366

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

170 23.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 51.276 ng

RT: 9.316 min Scan# 1228

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

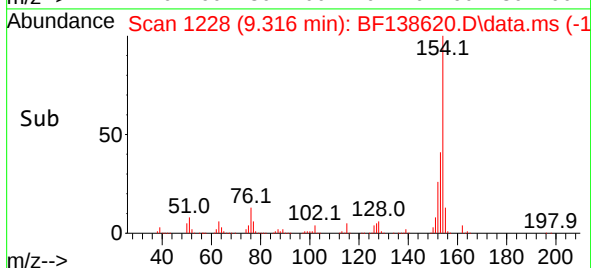
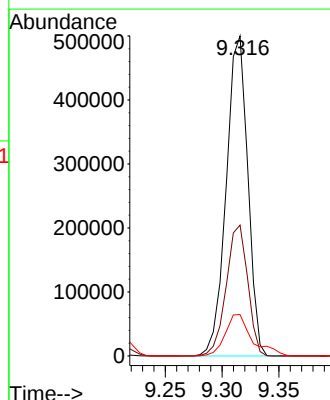
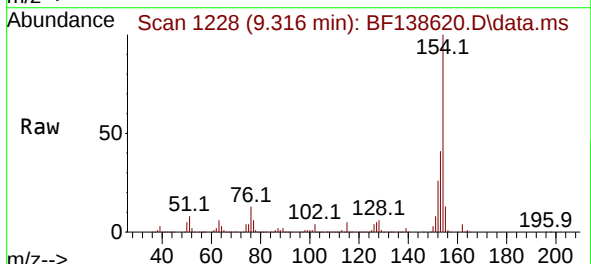
Tgt Ion:154 Resp: 659219

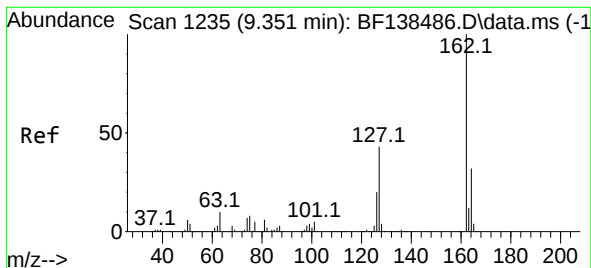
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 12.9 0.0 32.2





#47

2-Chloronaphthalene

Concen: 53.638 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

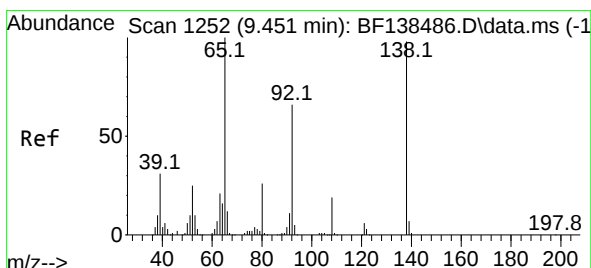
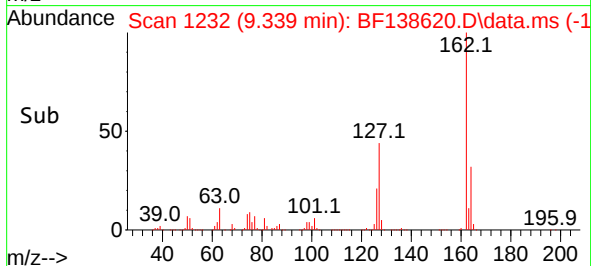
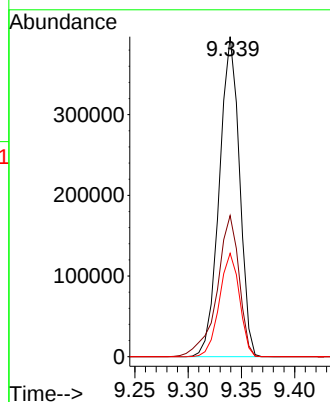
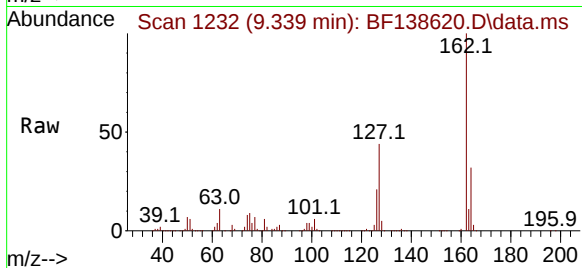
Tgt Ion:162 Resp: 520951

Ion Ratio Lower Upper

162 100

127 44.1 34.8 52.2

164 32.3 25.6 38.4



#48

2-Nitroaniline

Concen: 58.260 ng

RT: 9.439 min Scan# 1249

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

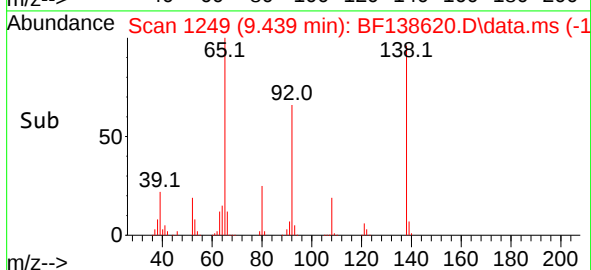
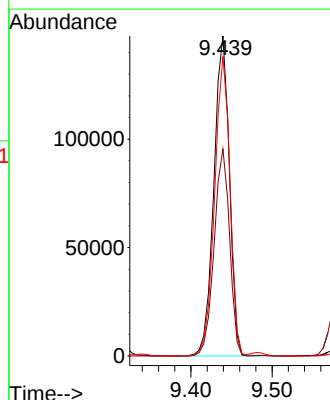
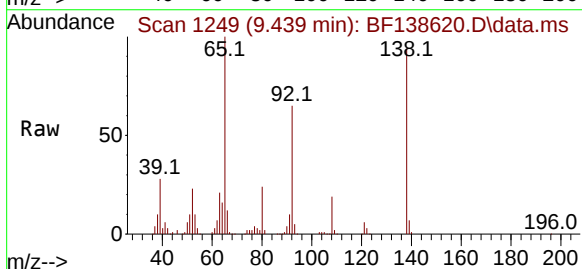
Tgt Ion: 65 Resp: 196082

Ion Ratio Lower Upper

65 100

92 64.7 52.6 78.8

138 93.6 78.6 118.0





#49

Acenaphthylene

Concen: 59.885 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

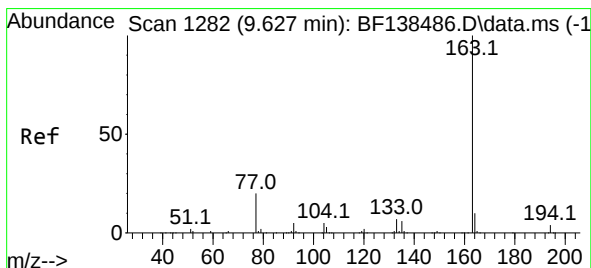
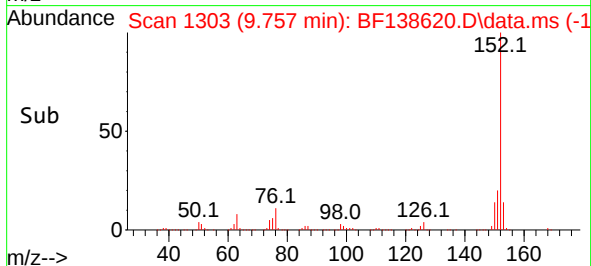
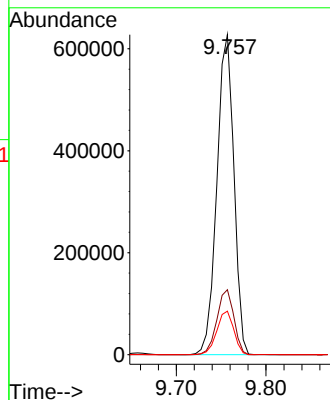
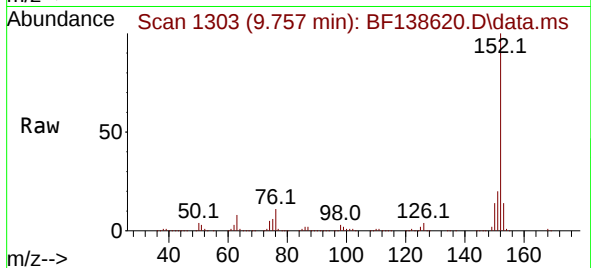
Tgt Ion:152 Resp: 825771

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.6 11.3 16.9



#50

Dimethylphthalate

Concen: 57.952 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

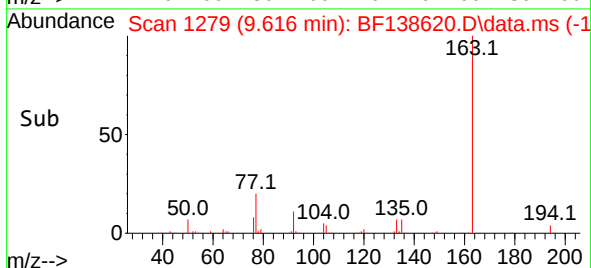
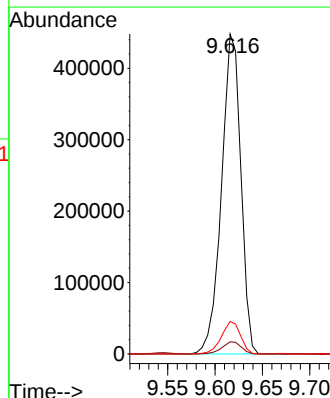
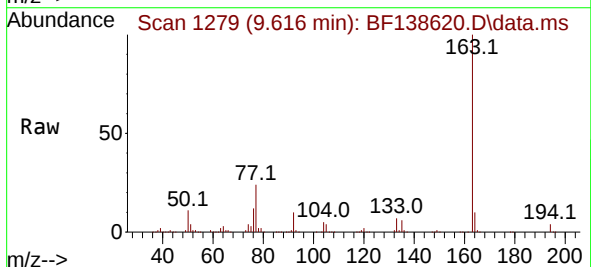
Tgt Ion:163 Resp: 635701

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.2 8.1 12.1

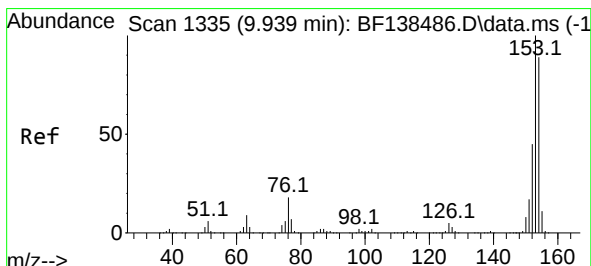
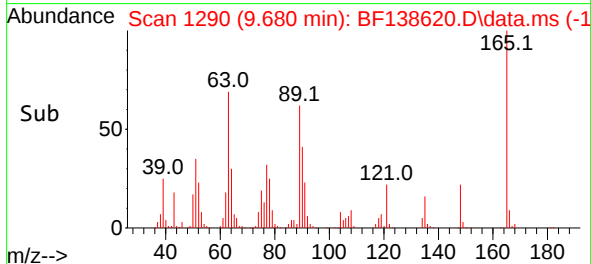
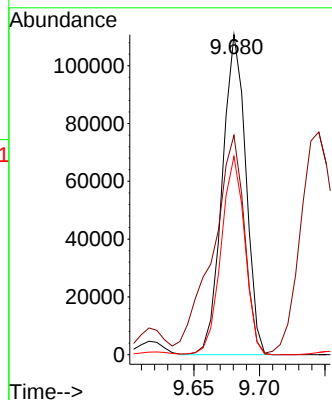
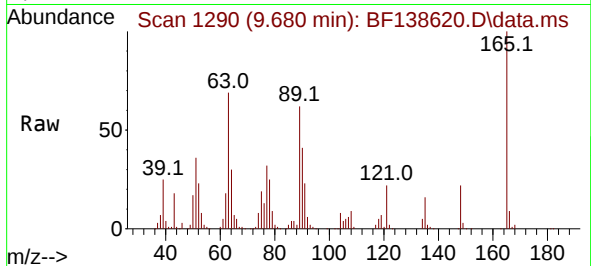




#51
2,6-Dinitrotoluene
Concen: 54.733 ng
RT: 9.680 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

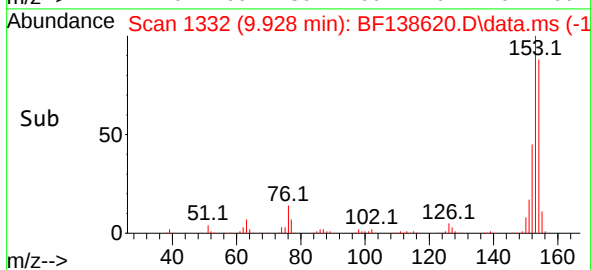
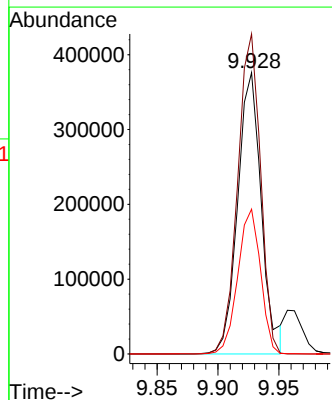
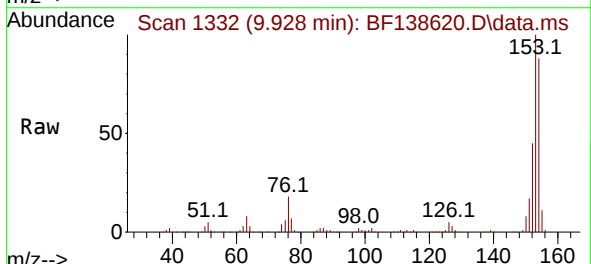
Instrument :
BNA_F
ClientSampleId :
285-290MSD

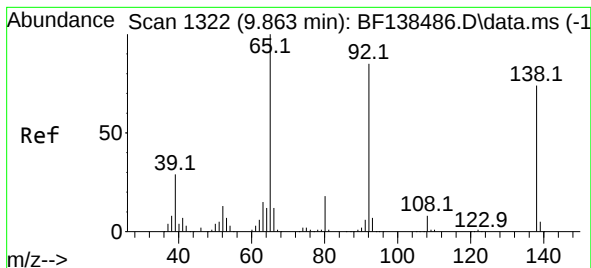
Tgt Ion:165 Resp: 138238
Ion Ratio Lower Upper
165 100
63 68.6 48.1 72.1
89 61.9 43.0 64.6



#52
Acenaphthene
Concen: 55.461 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:154 Resp: 508364
Ion Ratio Lower Upper
154 100
153 113.8 90.4 135.6
152 51.5 41.1 61.7





#53

3-Nitroaniline

Concen: 23.696 ng

RT: 9.845 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

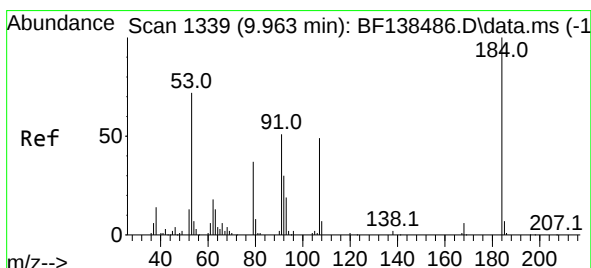
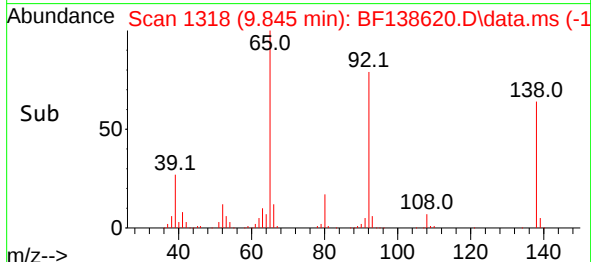
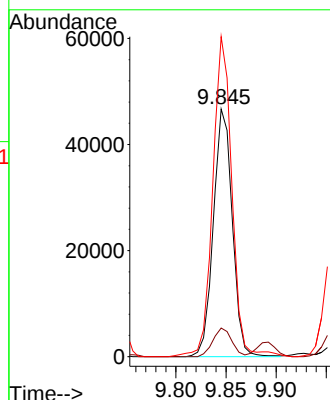
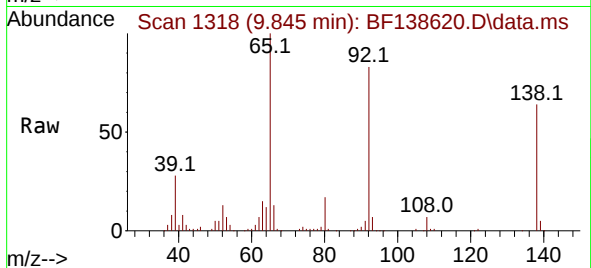
Tgt Ion:138 Resp: 61340

Ion Ratio Lower Upper

138 100

108 11.6 8.3 12.5

92 129.2 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 85.724 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

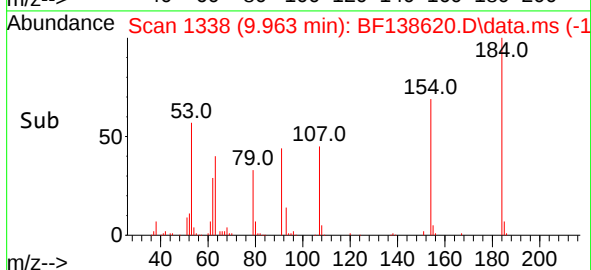
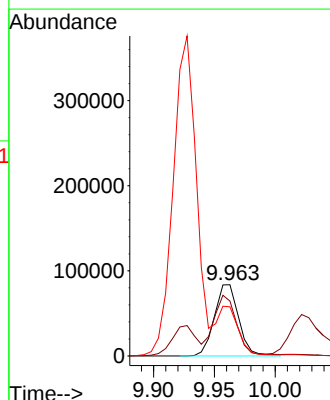
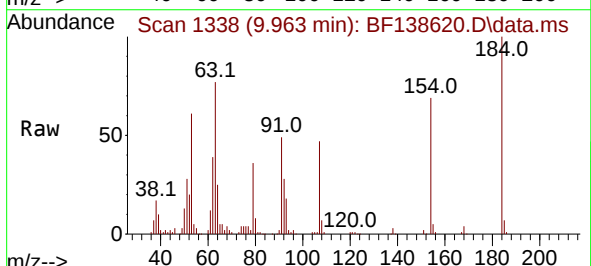
Tgt Ion:184 Resp: 116681

Ion Ratio Lower Upper

184 100

63 77.2 70.6 106.0

154 69.1 53.8 80.6

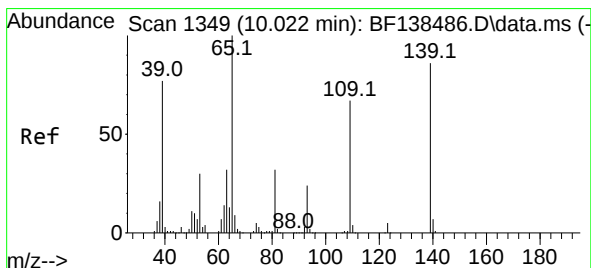
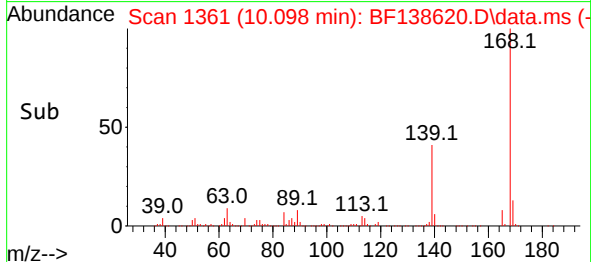
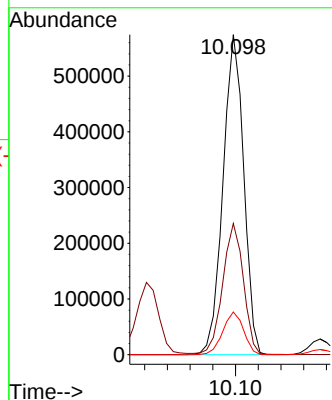
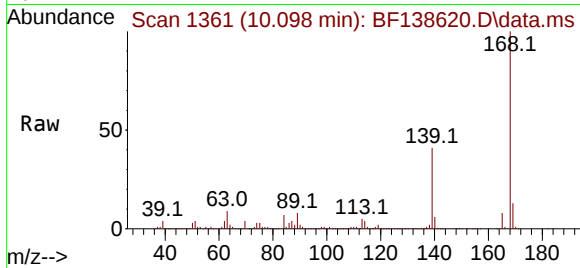




#55
Dibenzenofuran
Concen: 54.715 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

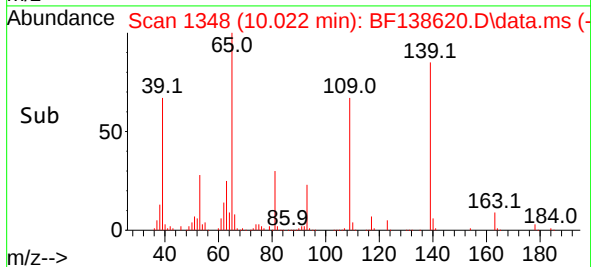
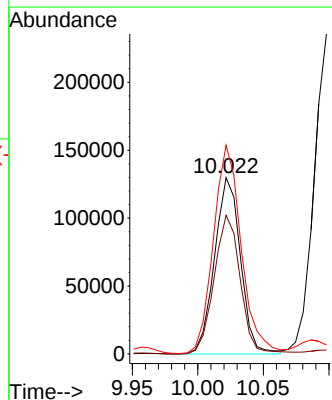
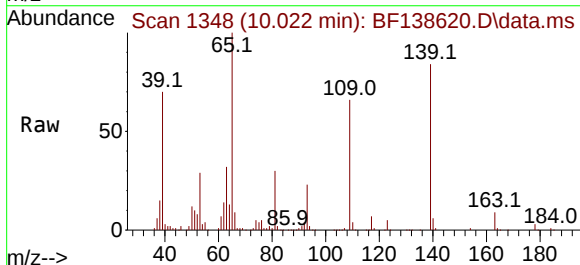
Instrument :
BNA_F
ClientSampleId :
285-290MSD

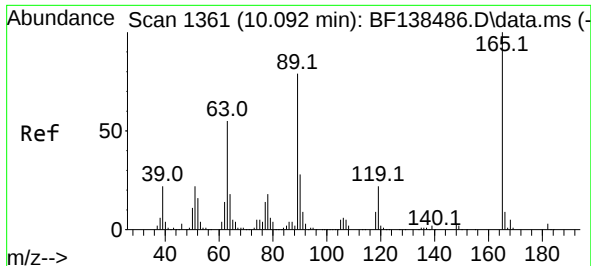
Tgt Ion:168 Resp: 727434
Ion Ratio Lower Upper
168 100
139 41.0 32.4 48.6
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 93.429 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:139 Resp: 178454
Ion Ratio Lower Upper
139 100
109 78.7 58.1 98.1
65 118.4 96.9 136.9

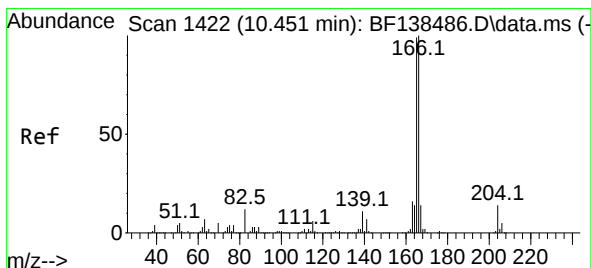
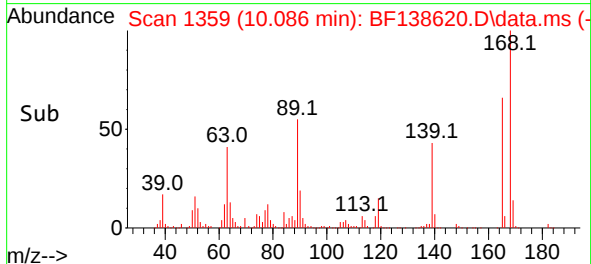
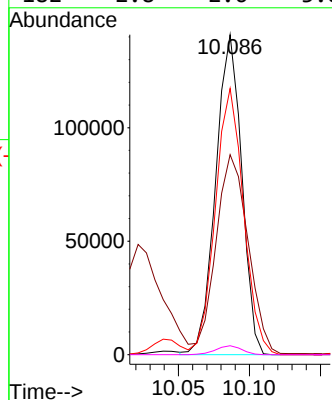
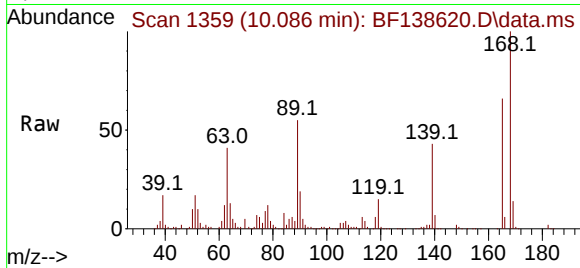




#57
2,4-Dinitrotoluene
Concen: 54.845 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

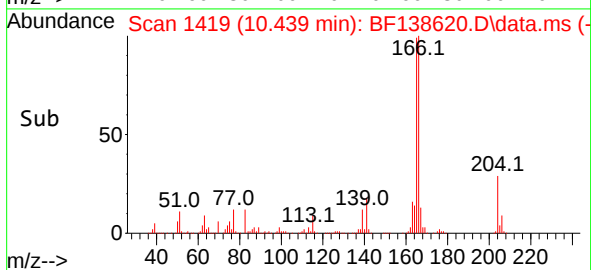
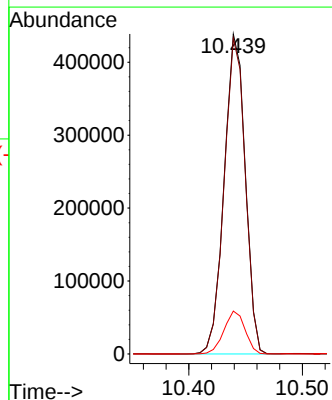
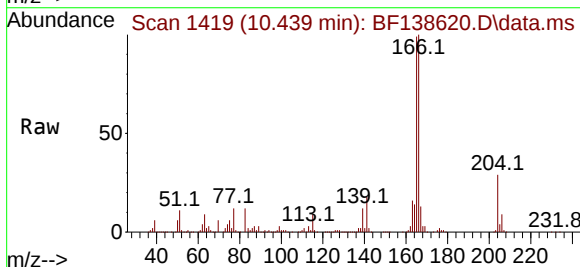
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:165 Resp: 179226
Ion Ratio Lower Upper
165 100
63 62.5 44.6 66.8
89 83.2 63.4 95.2
182 2.8 2.6 3.8



#58
Fluorene
Concen: 53.909 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:166 Resp: 567107
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.4 11.0 16.6

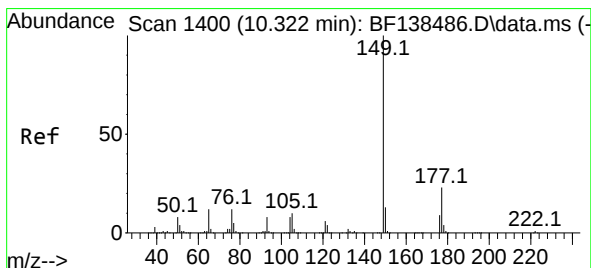
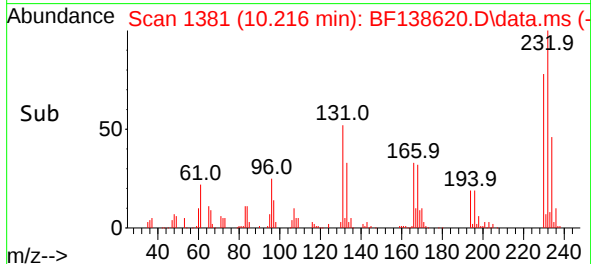
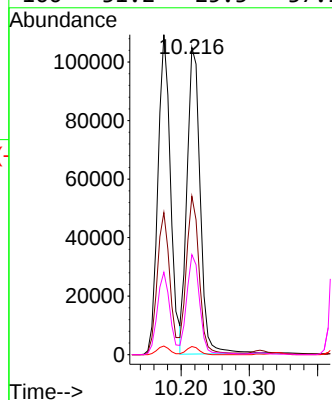
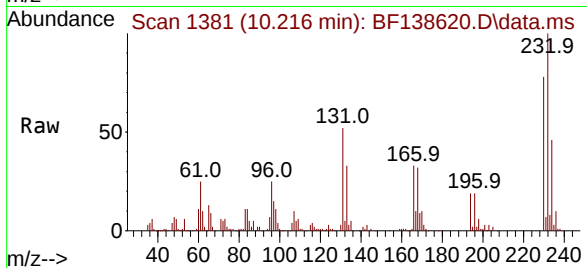




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.315 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

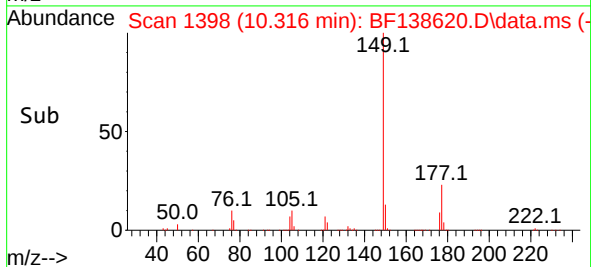
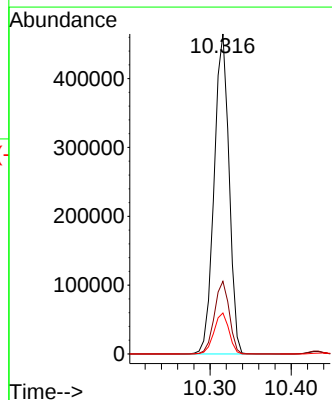
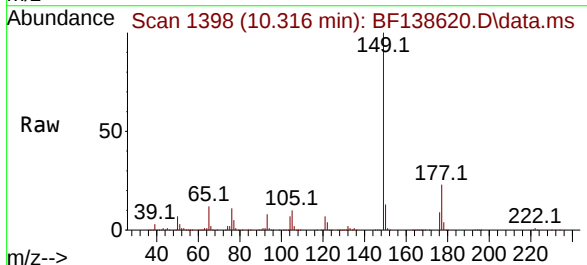
Instrument :
BNA_F
ClientSampleId :
285-290MSD

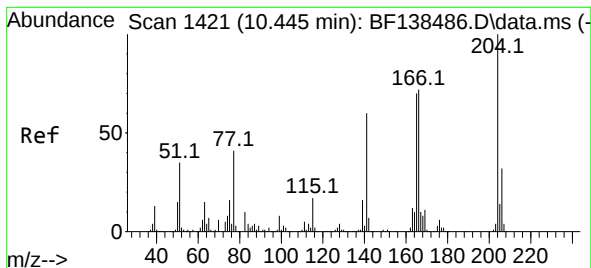
Tgt Ion:232 Resp: 139574
Ion Ratio Lower Upper
232 100
131 49.8 37.5 56.3
130 2.5 2.0 3.0
166 31.2 25.3 37.9



#60
Diethylphthalate
Concen: 56.060 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:149 Resp: 592831
Ion Ratio Lower Upper
149 100
177 22.7 18.5 27.7
150 12.8 10.3 15.5

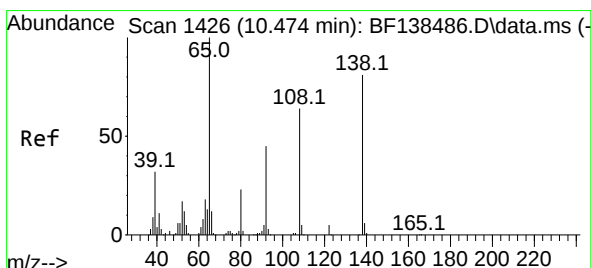
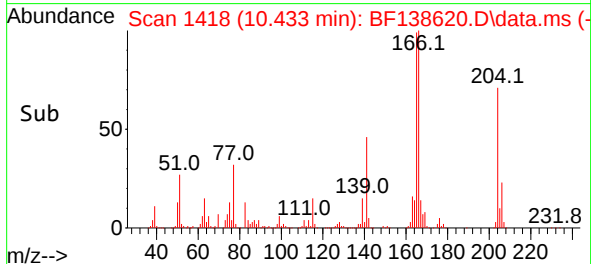
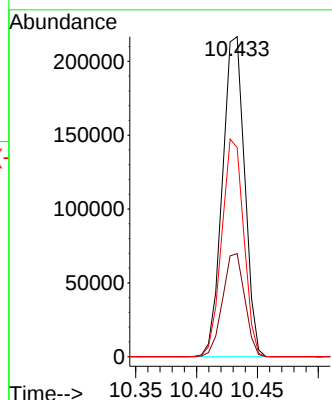
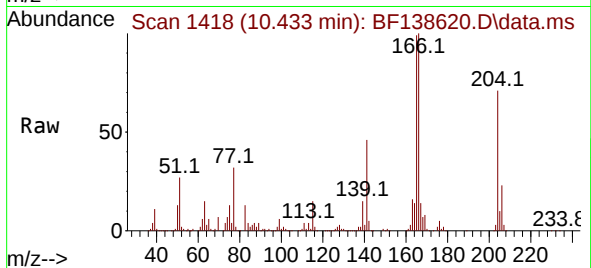




#61
4-Chlorophenyl-phenylether
Concen: 52.180 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

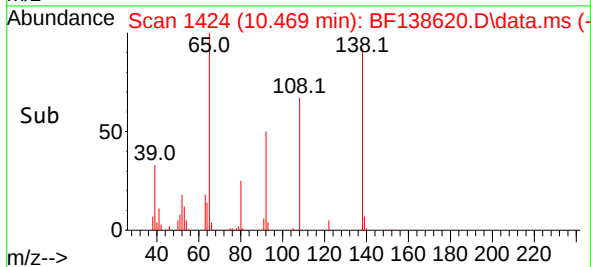
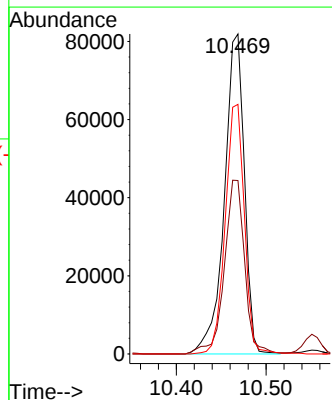
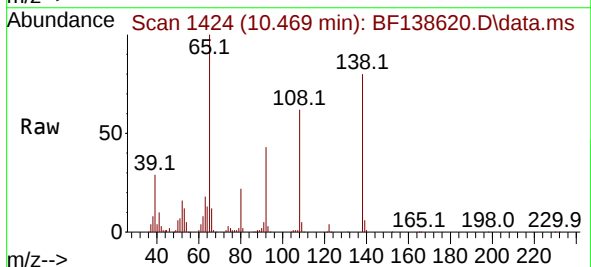
Instrument :
BNA_F
ClientSampleId :
285-290MSD

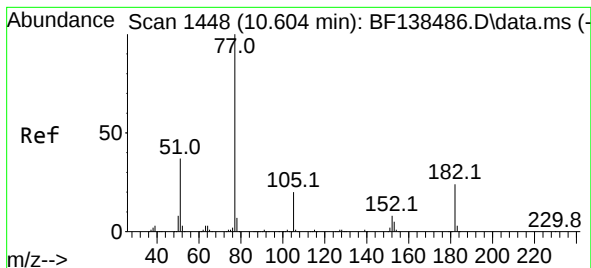
Tgt Ion:204 Resp: 275637
Ion Ratio Lower Upper
204 100
206 32.2 25.6 38.4
141 65.3 47.7 71.5



#62
4-Nitroaniline
Concen: 48.887 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:138 Resp: 126813
Ion Ratio Lower Upper
138 100
92 54.2 35.8 75.8
108 78.0 59.8 99.8

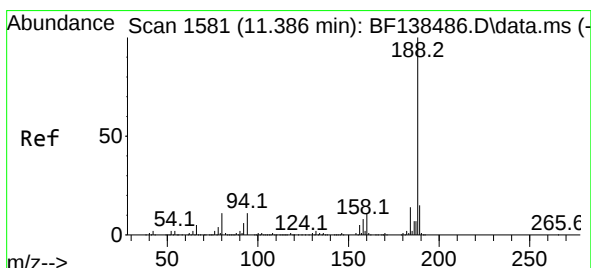
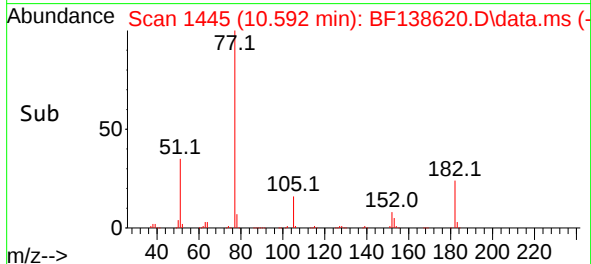
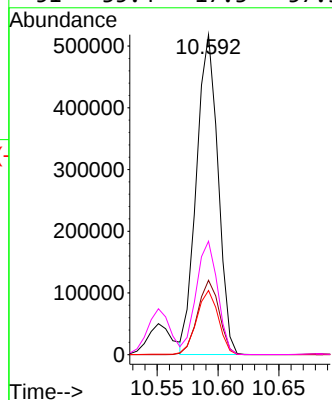
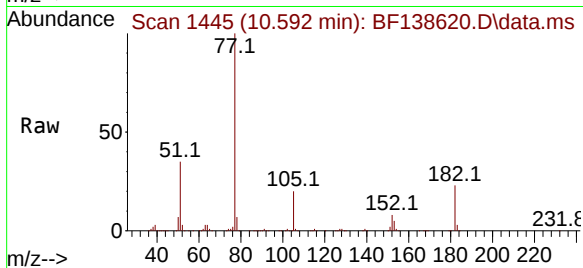




#63
Azobenzene
Concen: 56.217 ng
RT: 10.592 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

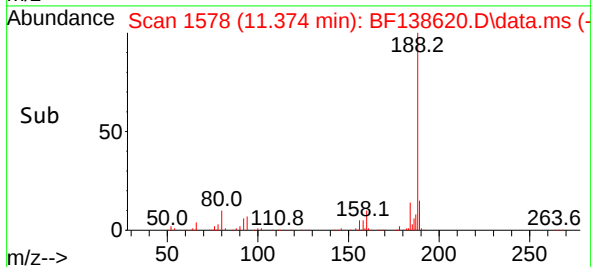
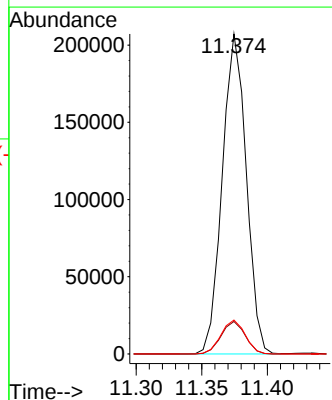
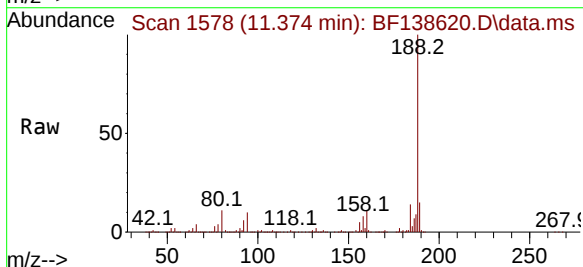
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion: 77	Resp: 639161
Ion Ratio	Lower Upper
77 100	
182 23.2	3.8 43.8
105 20.1	0.0 39.8
51 35.4	17.3 57.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:188	Resp: 263718
Ion Ratio	Lower Upper
188 100	
94 10.1	8.7 13.1
80 10.6	9.0 13.4

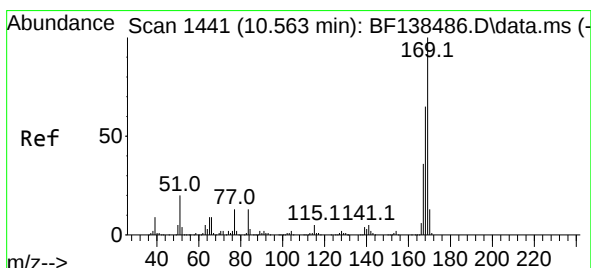
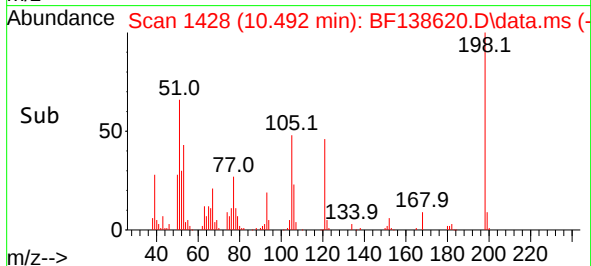
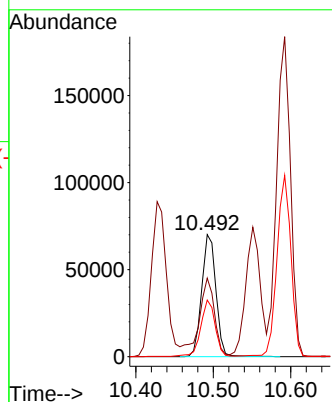
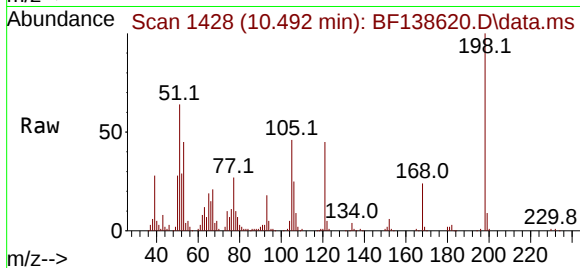




#65
4,6-Dinitro-2-methylphenol
Concen: 58.597 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

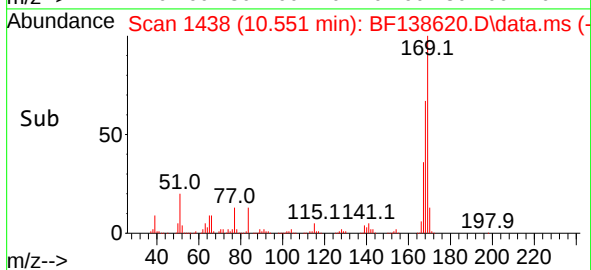
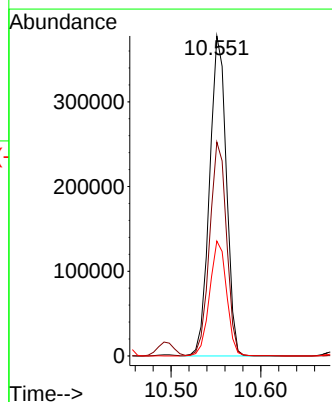
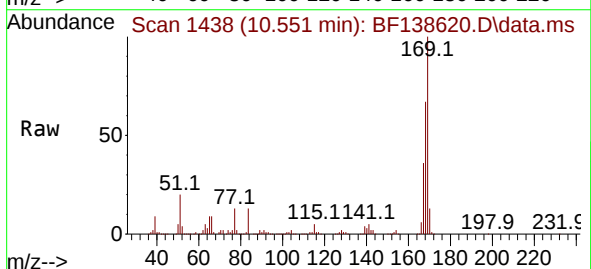
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:198 Resp: 89227
Ion Ratio Lower Upper
198 100
51 64.3 27.2 67.2
105 46.4 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 61.944 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:169 Resp: 489434
Ion Ratio Lower Upper
169 100
168 66.9 51.7 77.5
167 35.9 28.5 42.7

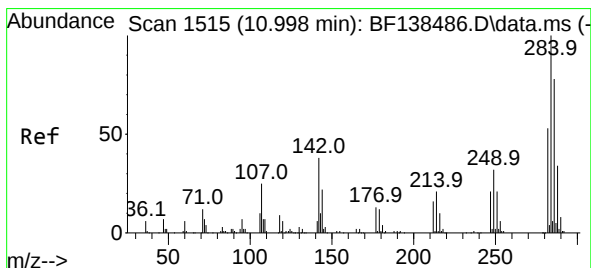
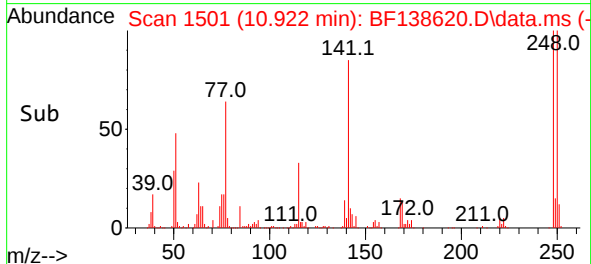
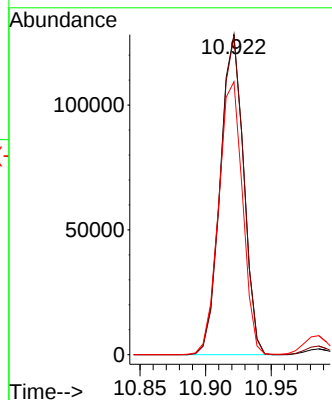
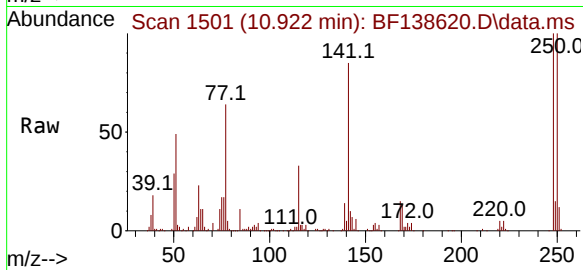




#67
4-Bromophenyl-phenylether
Concen: 58.744 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

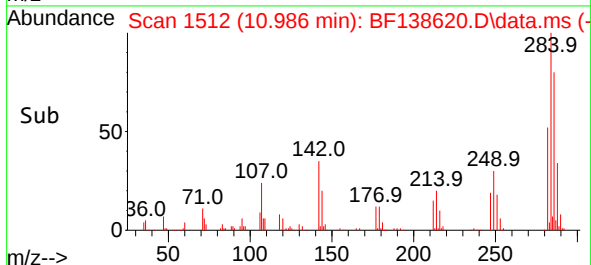
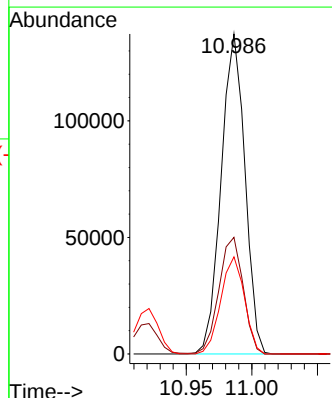
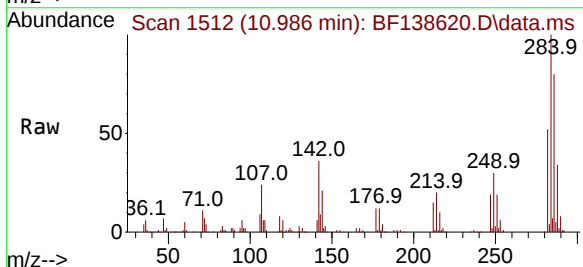
Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:248 Resp: 159227
Ion Ratio Lower Upper
248 100
250 99.5 77.9 116.9
141 85.3 67.7 101.5



#68
Hexachlorobenzene
Concen: 57.419 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:284 Resp: 172900
Ion Ratio Lower Upper
284 100
142 36.5 30.5 45.7
249 30.4 25.9 38.9





#69

Atrazine

Concen: 54.777 ng

RT: 11.080 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

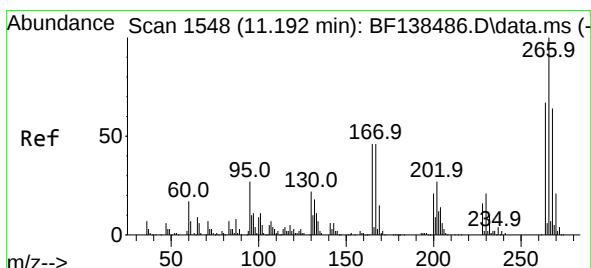
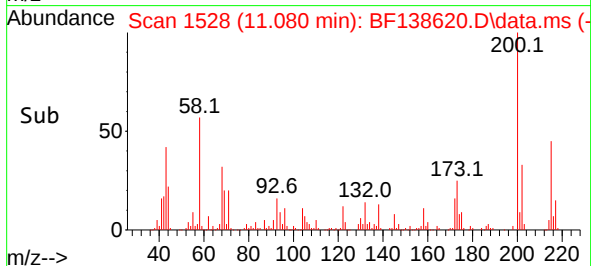
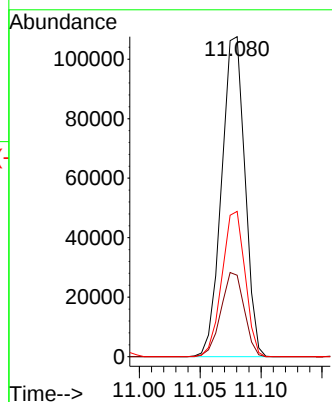
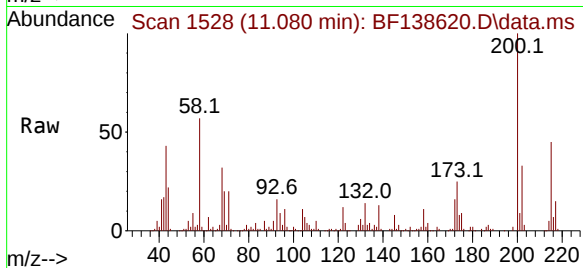
Tgt Ion:200 Resp: 143495

Ion Ratio Lower Upper

200 100

173 25.5 4.1 44.1

215 45.4 26.5 66.5



#70

Pentachlorophenol

Concen: 93.769 ng

RT: 11.180 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

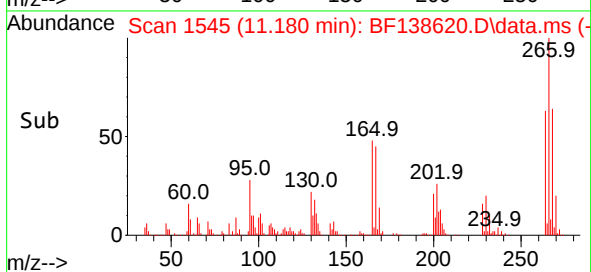
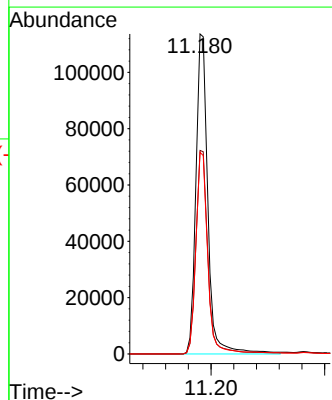
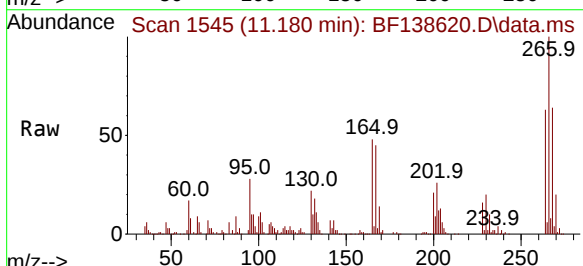
Tgt Ion:266 Resp: 167078

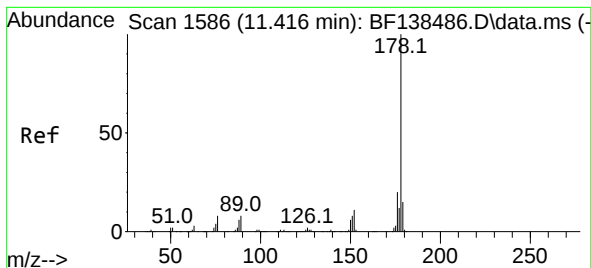
Ion Ratio Lower Upper

266 100

268 63.6 50.9 76.3

264 63.0 53.5 80.3





#71

Phenanthrene

Concen: 56.369 ng

RT: 11.404 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

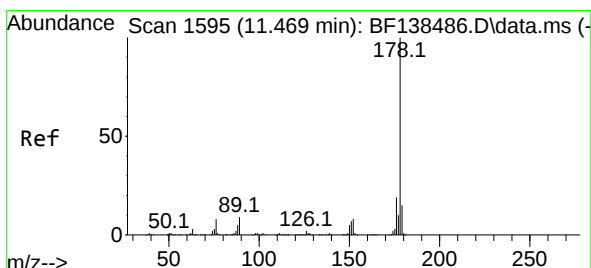
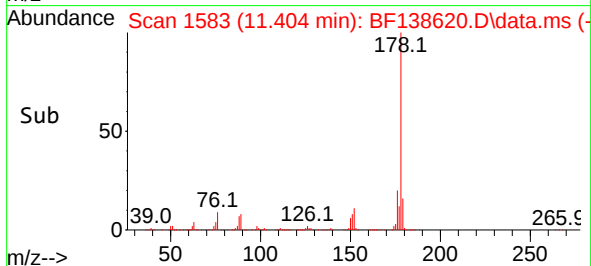
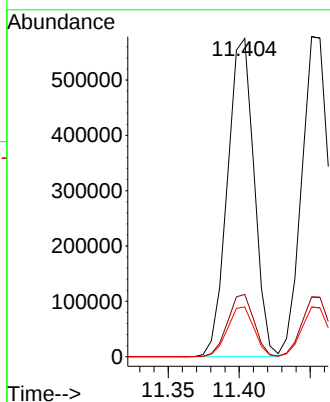
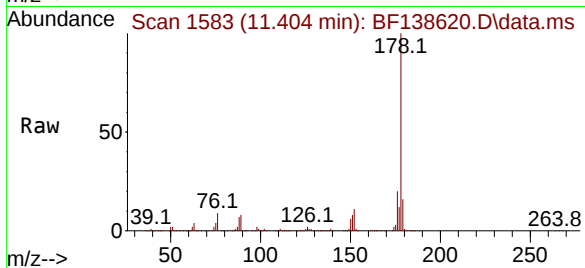
Tgt Ion:178 Resp: 751013

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.6 12.2 18.2



#72

Anthracene

Concen: 57.765 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

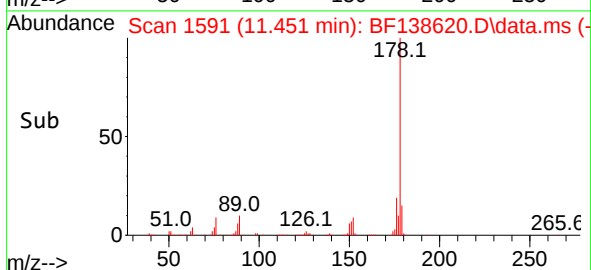
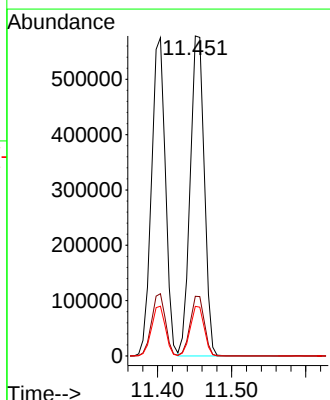
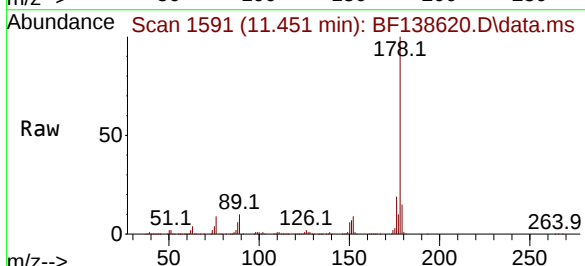
Tgt Ion:178 Resp: 763973

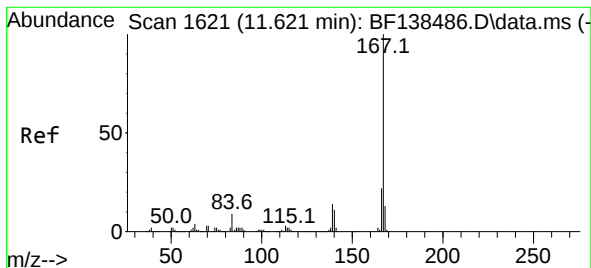
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.5 12.2 18.4





#73

Carbazole

Concen: 51.128 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

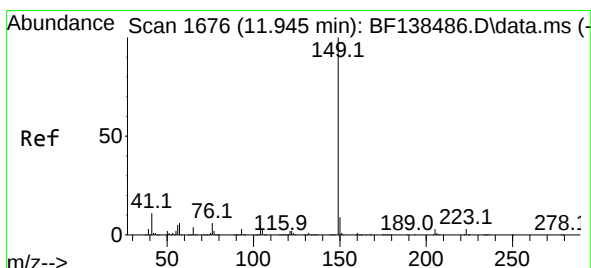
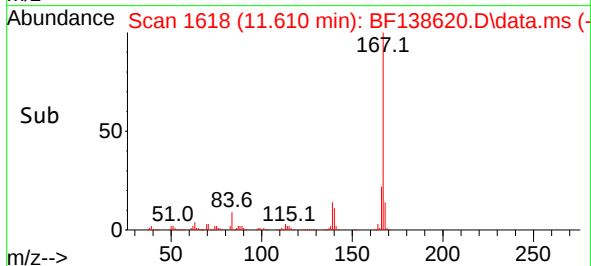
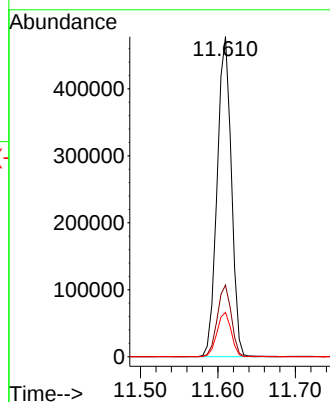
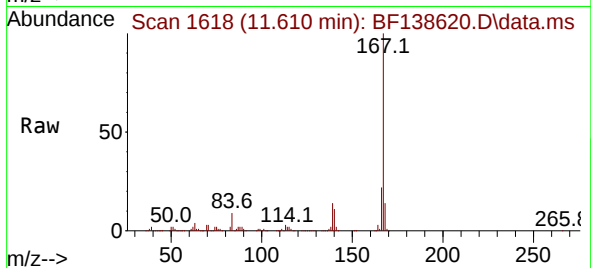
Tgt Ion:167 Resp: 607675

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.6

139 13.9 11.0 16.4



#74

Di-n-butylphthalate

Concen: 60.711 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

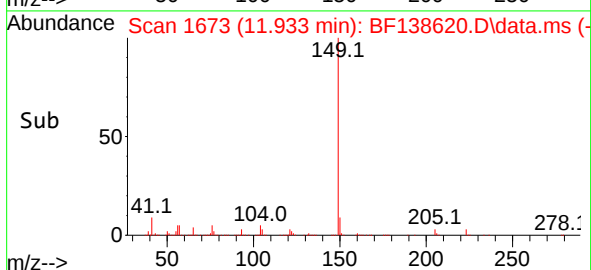
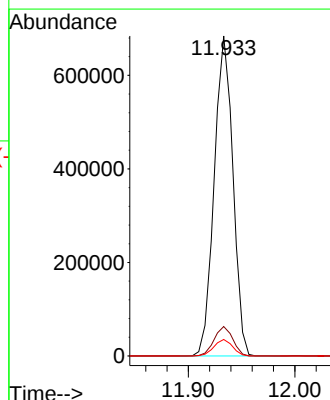
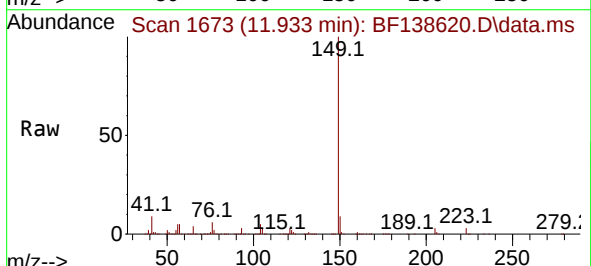
Tgt Ion:149 Resp: 831736

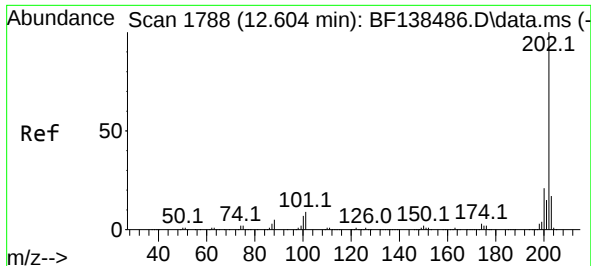
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.1 4.4 6.6

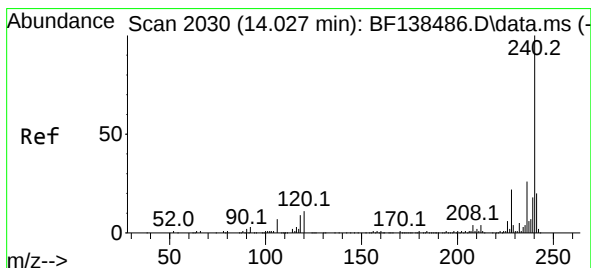
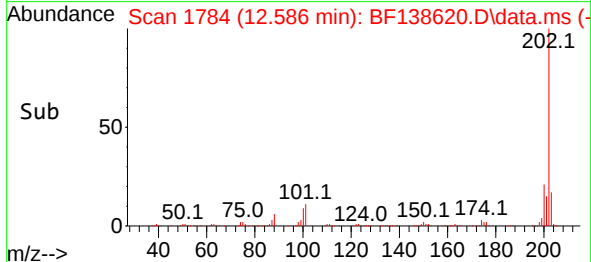
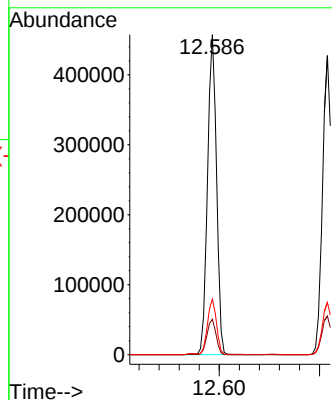
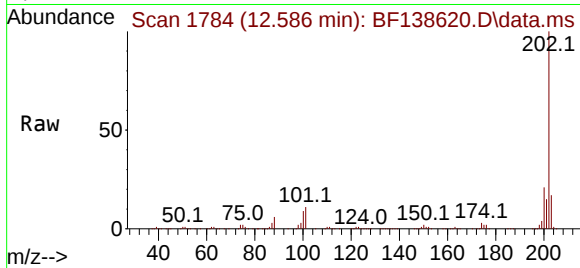




#75
Fluoranthene
Concen: 42.011 ng
RT: 12.586 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

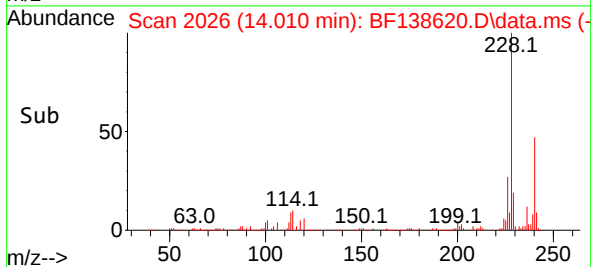
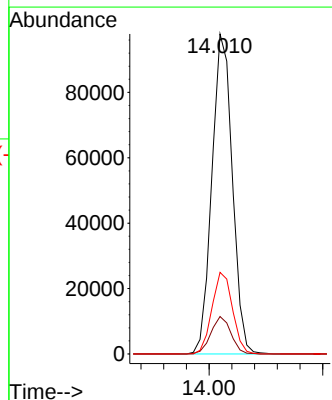
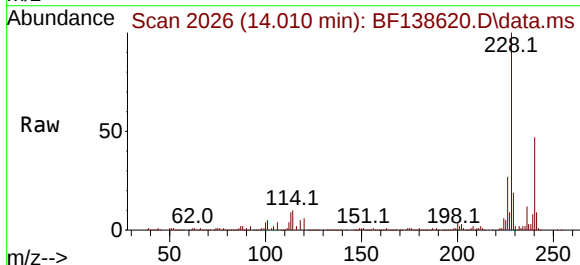
Instrument :
BNA_F
ClientSampleId :
285-290MSD

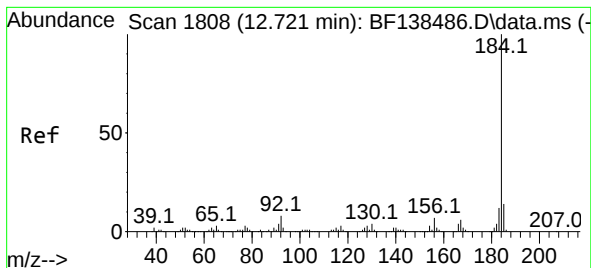
Tgt Ion:202 Resp: 571137
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 17.3 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:240 Resp: 122216
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.5 21.0 31.6





#77

Benzidine

Concen: 36.264 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

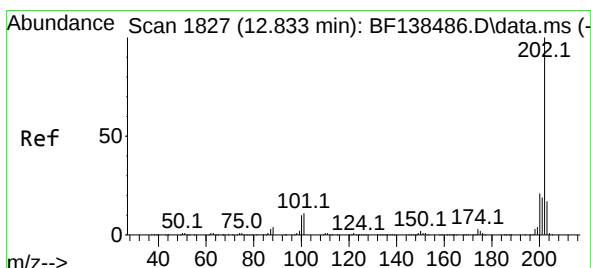
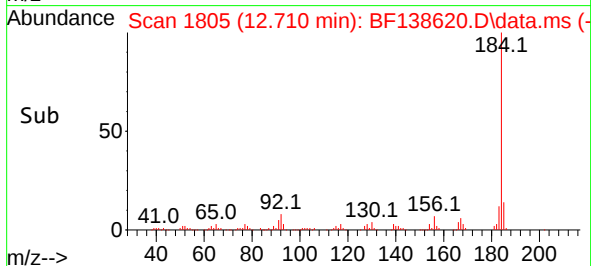
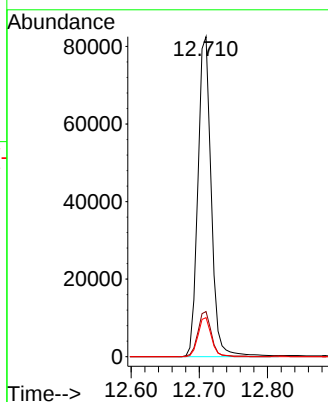
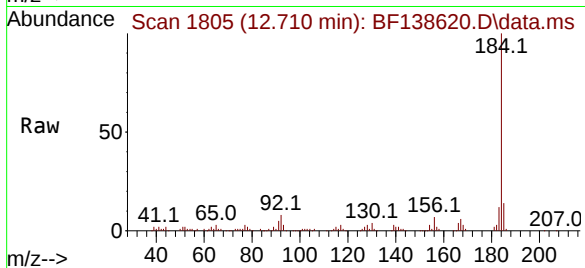
Tgt Ion:184 Resp: 111819

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

183 12.2 9.5 14.3



#78

Pyrene

Concen: 43.547 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

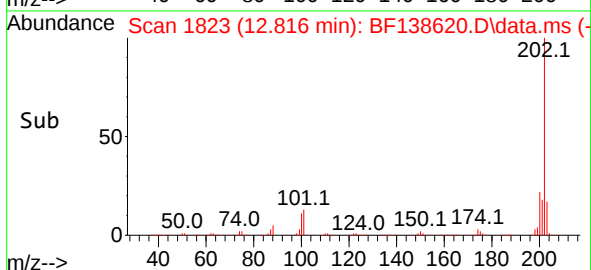
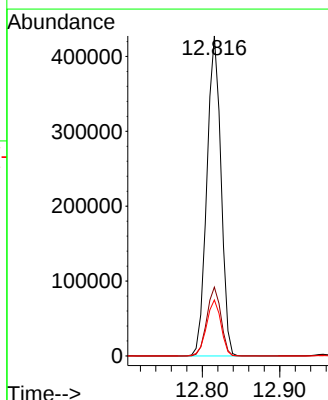
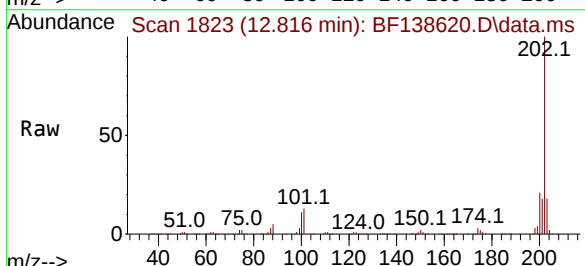
Tgt Ion:202 Resp: 540263

Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

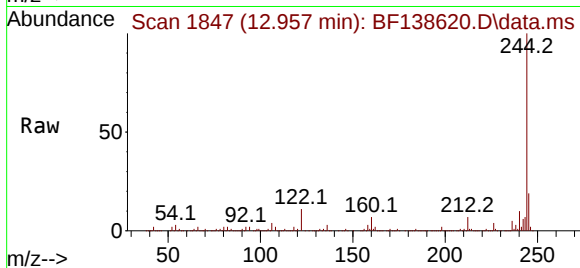
203 17.5 13.7 20.5



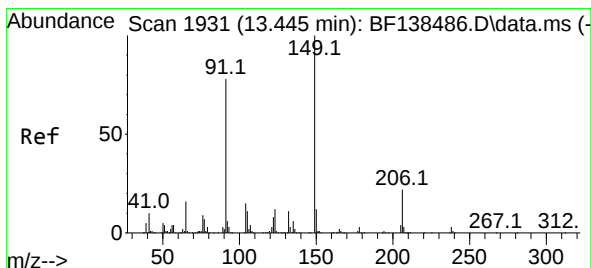
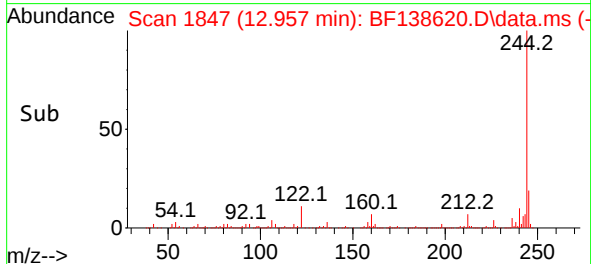
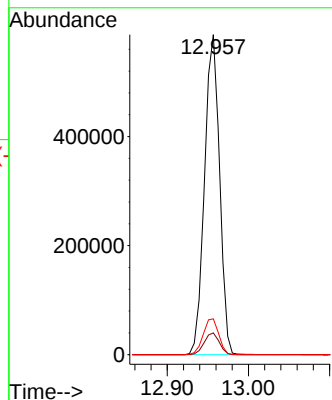


#79
Terphenyl-d14
Concen: 100.521 ng
RT: 12.957 min Scan# 1847
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Instrument :
BNA_F
ClientSampleId :
285-290MSD

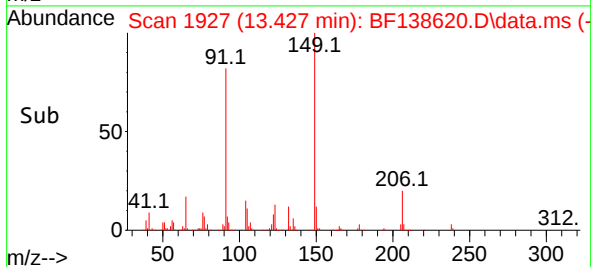
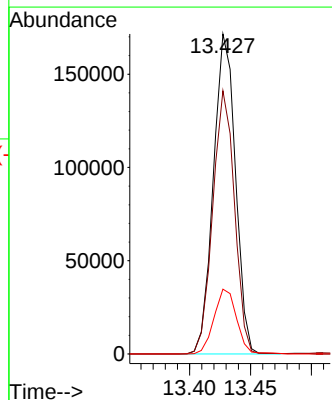
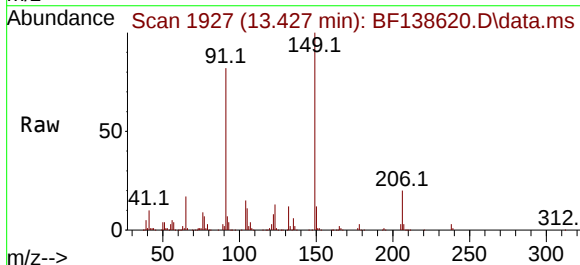


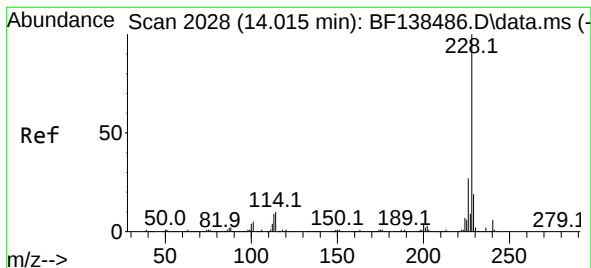
Tgt Ion:244 Resp: 754107
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.2 7.8 11.8



#80
Butylbenzylphthalate
Concen: 57.891 ng
RT: 13.427 min Scan# 1927
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:149 Resp: 216055
Ion Ratio Lower Upper
149 100
91 82.2 62.1 93.1
206 20.2 18.0 27.0





#81

Benzo(a)anthracene

Concen: 57.555 ng

RT: 13.998 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

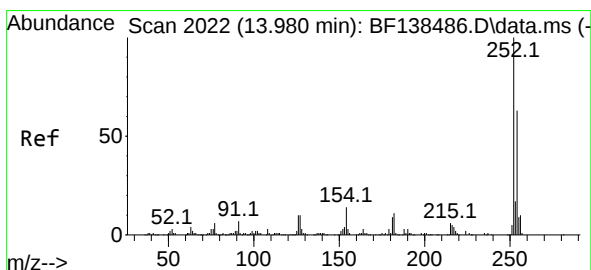
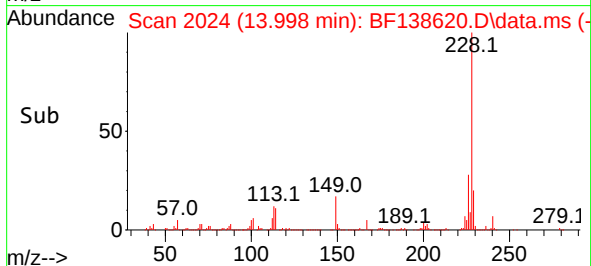
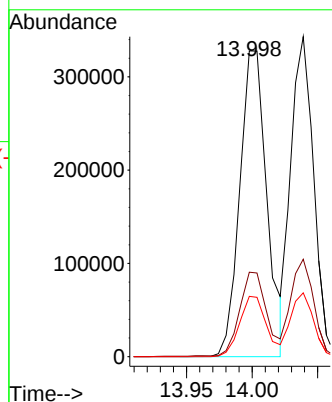
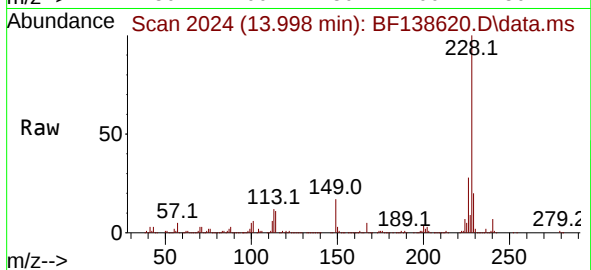
Tgt Ion:228 Resp: 471989

Ion Ratio Lower Upper

228 100

226 27.7 21.9 32.9

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 35.925 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

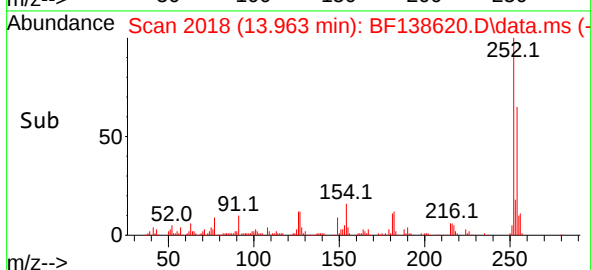
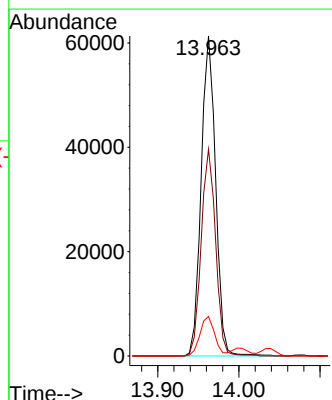
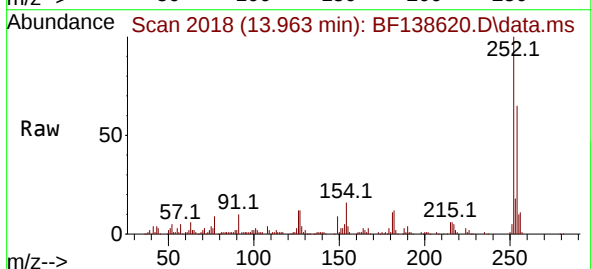
Tgt Ion:252 Resp: 75913

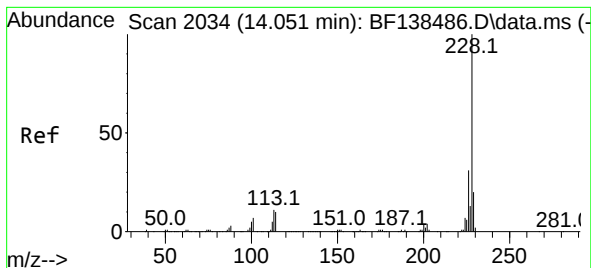
Ion Ratio Lower Upper

252 100

254 64.6 50.3 75.5

126 12.3 8.1 12.1#





#83

Chrysene

Concen: 53.590 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

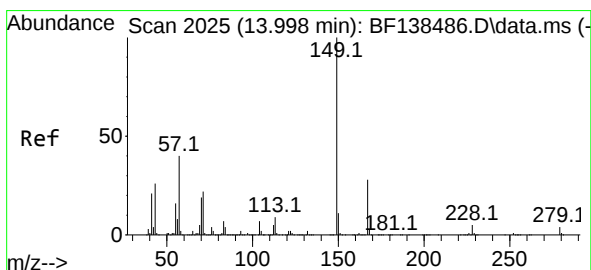
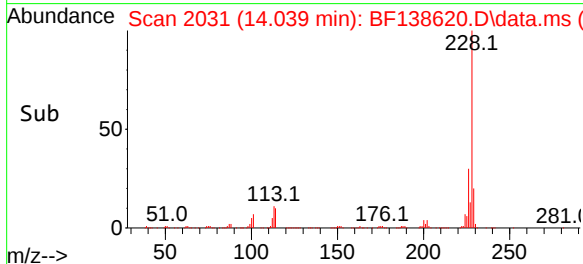
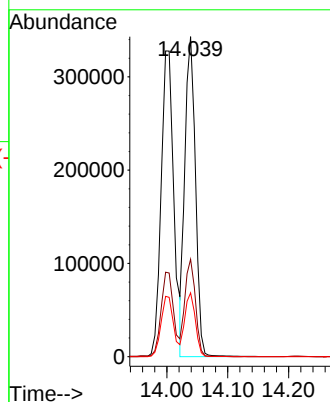
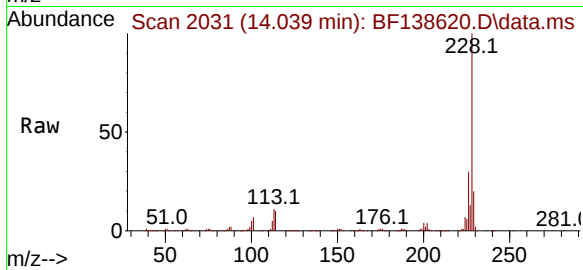
Tgt Ion:228 Resp: 415744

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 72.521 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

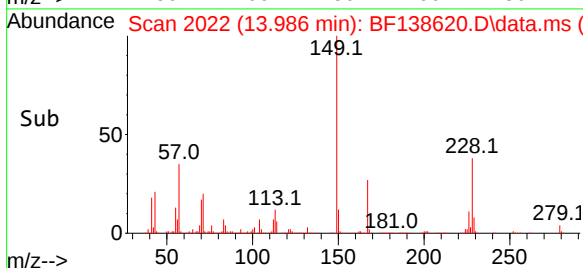
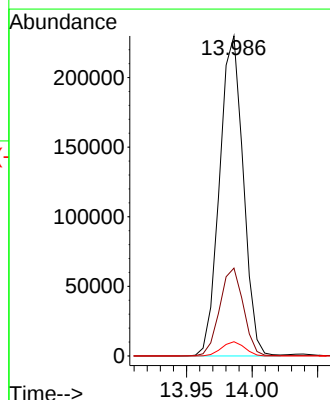
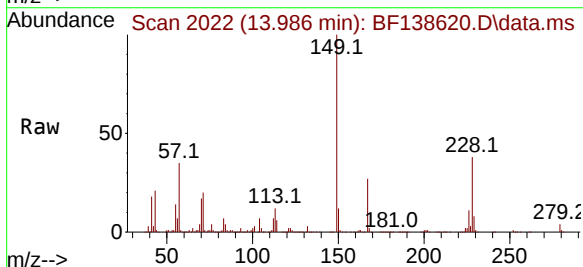
Tgt Ion:149 Resp: 288661

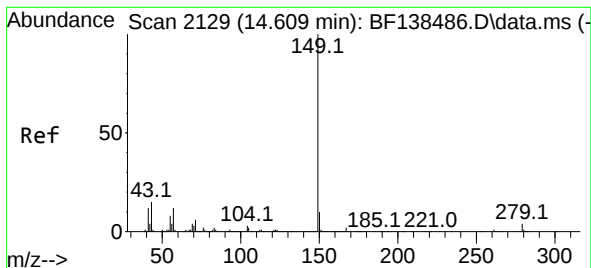
Ion Ratio Lower Upper

149 100

167 27.4 22.5 33.7

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 84.982 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

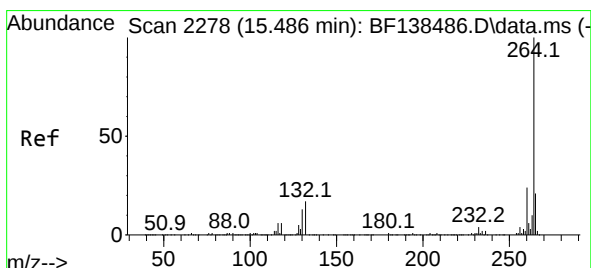
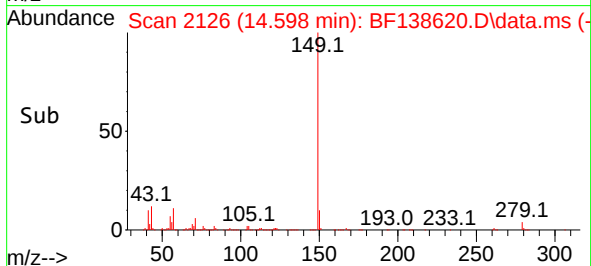
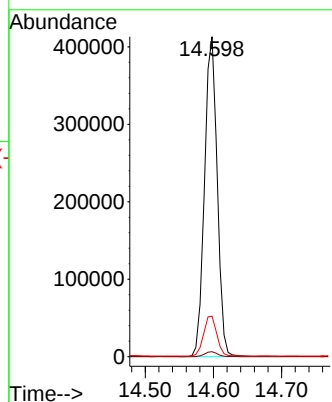
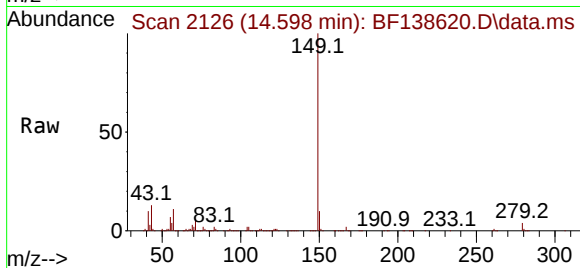
Tgt Ion:149 Resp: 534369

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.9 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

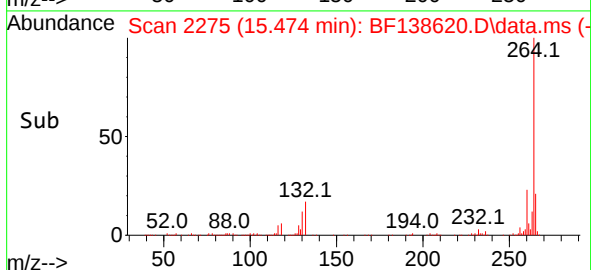
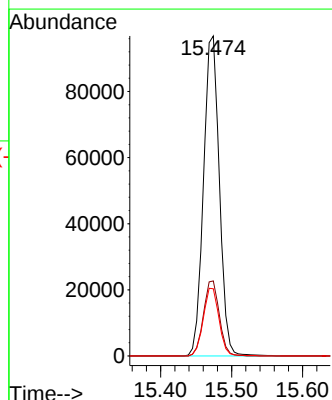
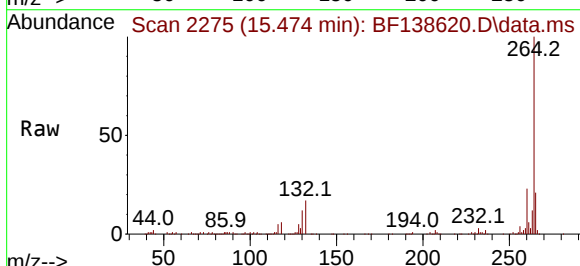
Tgt Ion:264 Resp: 150368

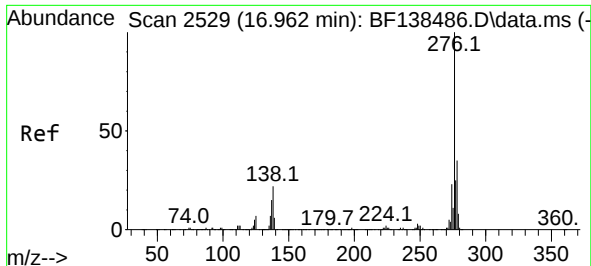
Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.0 17.0 25.4

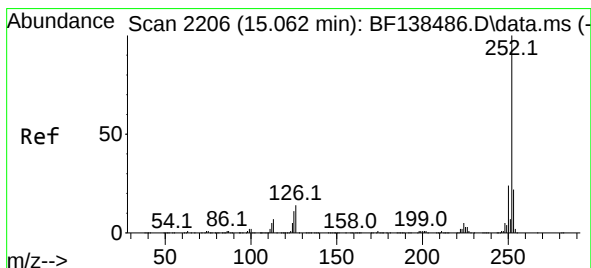
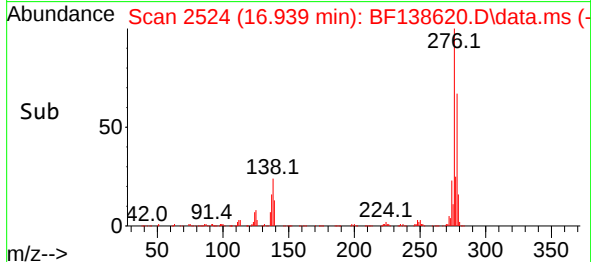
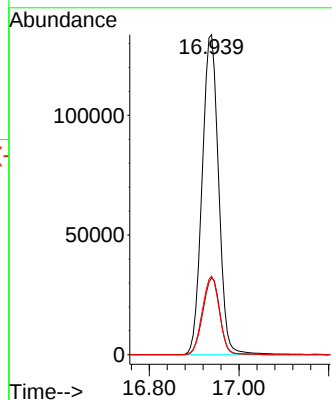
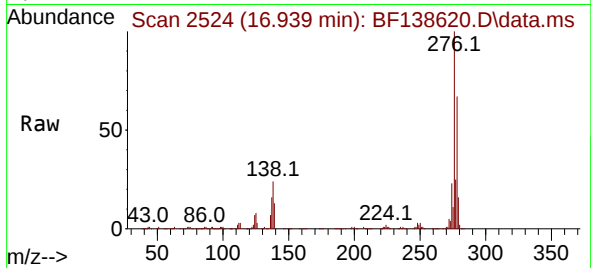




#87
Indeno(1,2,3-cd)pyrene
Concen: 33.712 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

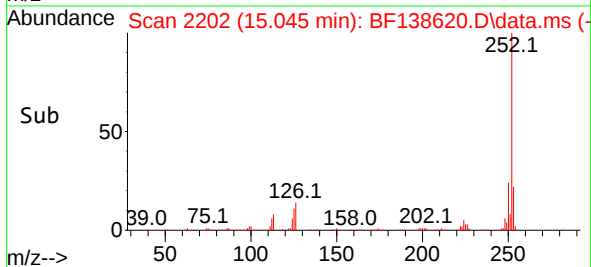
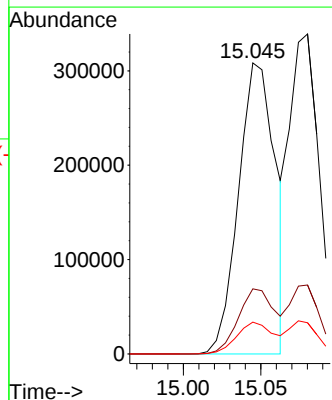
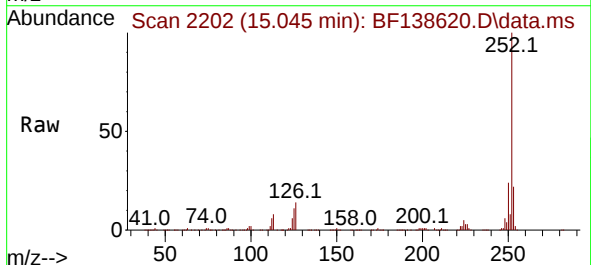
Instrument :
BNA_F
ClientSampleId :
285-290MSD

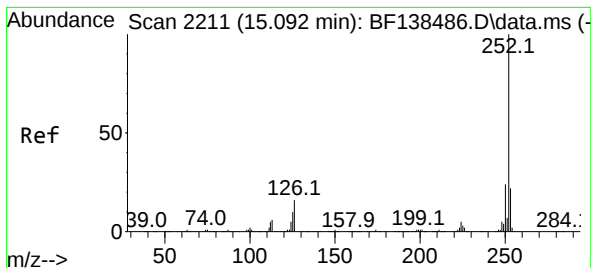
Tgt Ion:276 Resp: 340502
Ion Ratio Lower Upper
276 100
138 24.8 19.6 29.4
277 25.3 20.5 30.7



#88
Benzo(b)fluoranthene
Concen: 60.195 ng
RT: 15.045 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:252 Resp: 509747
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.9 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 55.239 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

Instrument :

BNA_F

ClientSampleId :

285-290MSD

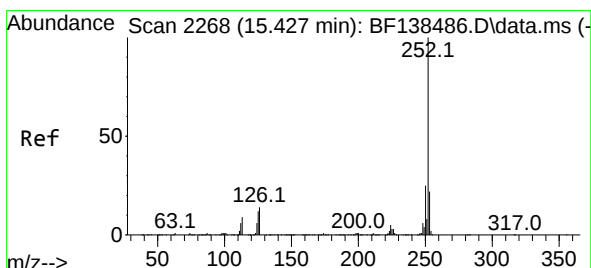
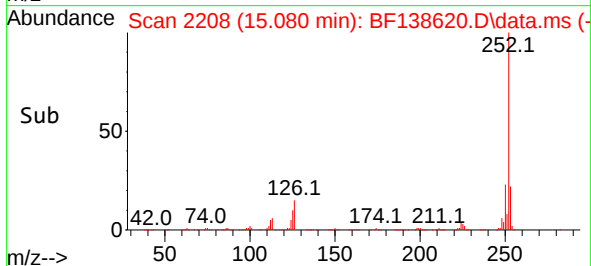
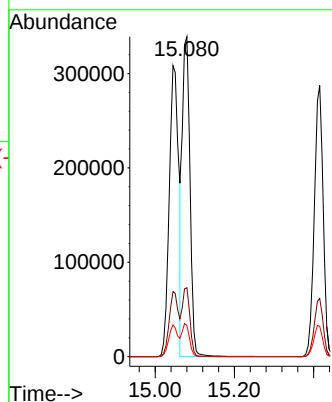
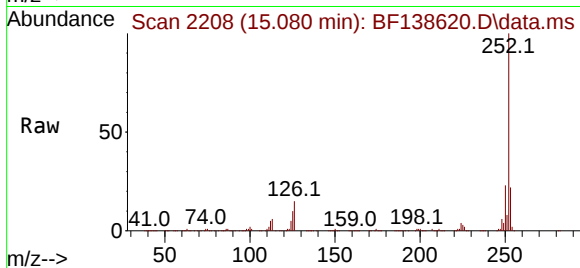
Tgt Ion:252 Resp: 456222

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 9.7 8.1 12.1



#90

Benzo(a)pyrene

Concen: 59.774 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF138620.D

Acq: 23 Jul 2024 16:01

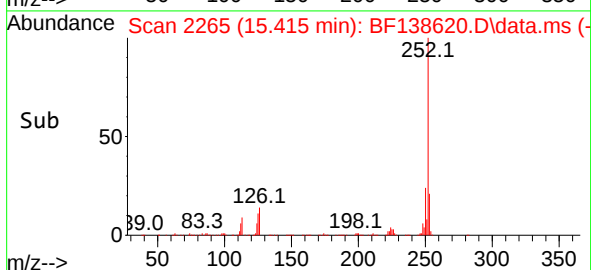
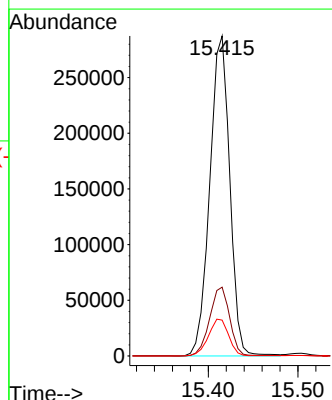
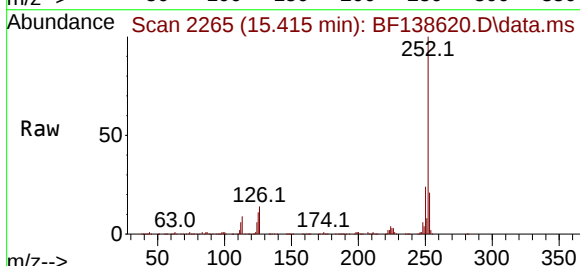
Tgt Ion:252 Resp: 444663

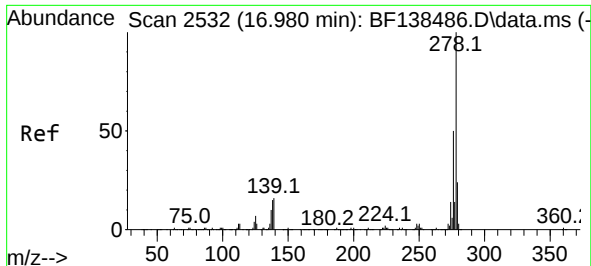
Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 11.2 9.4 14.2

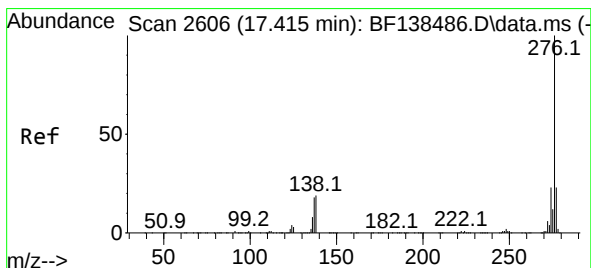
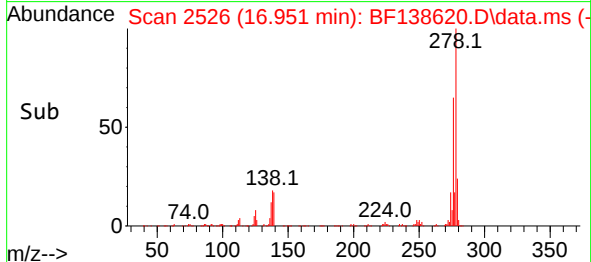
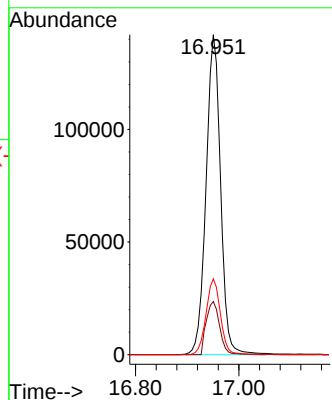
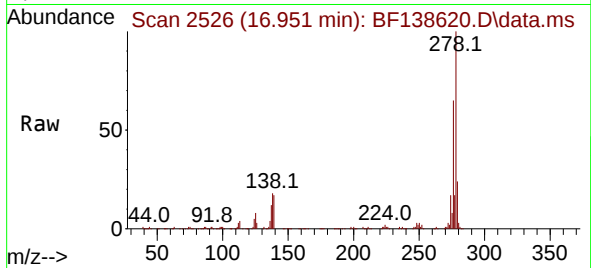




#91
Dibenzo(a,h)anthracene
Concen: 33.609 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Instrument :
BNA_F
ClientSampleId :
285-290MSD

Tgt Ion:278 Resp: 277681
Ion Ratio Lower Upper
278 100
139 16.6 12.8 19.2
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 27.191 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF138620.D
Acq: 23 Jul 2024 16:01

Tgt Ion:276 Resp: 238219
Ion Ratio Lower Upper
276 100
277 23.9 18.0 27.0
138 22.1 15.5 23.3

