

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040822\
 Data File : BF127718.D
 Acq On : 08 Apr 2022 17:26
 Operator : CG\JU
 Sample : N2317-09MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MS

Quant Time: Apr 11 02:22:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 13:55:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	145412	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	539841	20.000	ng	# 0.00
39) Acenaphthene-d10	10.016	164	305756	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	544389	20.000	ng	0.00
76) Chrysene-d12	14.157	240	324028	20.000	ng	0.00
86) Perylene-d12	15.680	264	306313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	816827	91.276	ng	0.01
7) Phenol-d6	6.587	99	1080410	92.286	ng	0.00
23) Nitrobenzene-d5	7.534	82	770485	63.628	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	332402	102.161	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	1273300	58.913	ng	0.00
79) Terphenyl-d14	13.092	244	1186250	60.428	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	167669	39.501	ng	86
3) Pyridine	3.669	79	433199	38.749	ng	85
4) n-Nitrosodimethylamine	3.646	42	253872	42.225	ng	96
6) Aniline	6.628	93	539978	38.672	ng	94
8) 2-Chlorophenol	6.751	128	438494	48.304	ng	92
9) Benzaldehyde	6.522	77	336933	61.286	ng	94
10) Phenol	6.598	94	540479	46.170	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	439291	45.440	ng	93
12) 1,3-Dichlorobenzene	6.904	146	468088	45.127	ng	97
13) 1,4-Dichlorobenzene	6.981	146	470799	44.900	ng	98
14) 1,2-Dichlorobenzene	7.134	146	455944	45.491	ng	98
15) Benzyl Alcohol	7.104	79	450070	43.975	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.234	45	645816	42.321	ng	98
17) 2-Methylphenol	7.210	107	371490	47.045	ng	100
18) Hexachloroethane	7.481	117	178513	44.616	ng	96
19) n-Nitroso-di-n-propyla...	7.381	70	329960	43.577	ng	94
20) 3+4-Methylphenols	7.363	107	452302	44.949	ng	# 69
22) Acetophenone	7.375	105	609676	42.028	ng	# 85
24) Nitrobenzene	7.551	77	524004	44.641	ng	99
25) Isophorone	7.787	82	972182	46.010	ng	98
26) 2-Nitrophenol	7.863	139	216981	51.436	ng	95
27) 2,4-Dimethylphenol	7.892	122	410352	49.685	ng	93
28) bis(2-Chloroethoxy)met...	7.998	93	548927	42.132	ng	99
29) 2,4-Dichlorophenol	8.104	162	389931	43.827	ng	95
30) 1,2,4-Trichlorobenzene	8.186	180	440289	42.999	ng	98
31) Naphthalene	8.275	128	1227797	43.404	ng	98
32) Benzoic acid	8.028	122	304975	50.896	ng	96
33) 4-Chloroaniline	8.316	127	153989	13.822	ng	95
34) Hexachlorobutadiene	8.386	225	299486	42.518	ng	98
35) Caprolactam	8.698	113	76485	29.086	ng	# 74
36) 4-Chloro-3-methylphenol	8.798	107	409589	43.910	ng	98
37) 2-Methylnaphthalene	8.969	142	826918	43.707	ng	100
38) 1-Methylnaphthalene	9.069	142	796181	43.599	ng	99
40) 1,2,4,5-Tetrachloroben...	9.128	216	433352	43.212	ng	# 97
41) Hexachlorocyclopentadiene	9.116	237	582035	96.348	ng	97
43) 2,4,6-Trichlorophenol	9.239	196	297943	43.761	ng	98

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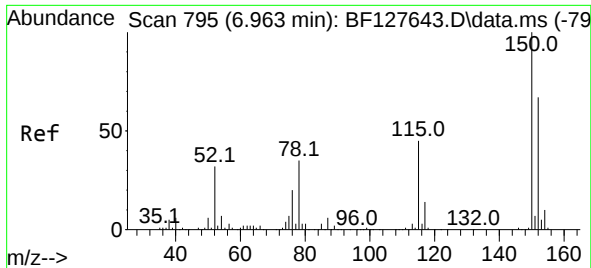
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.281	196	304251	44.286	ng	96
46) 1,1'-Biphenyl	9.433	154	1014246	43.374	ng	98
47) 2-Chloronaphthalene	9.457	162	804779	43.308	ng	98
48) 2-Nitroaniline	9.551	65	275508	47.737	ng	96
49) Acenaphthylene	9.880	152	1288428	45.584	ng	99
50) Dimethylphthalate	9.733	163	952786	42.990	ng	99
51) 2,6-Dinitrotoluene	9.798	165	207250	49.610	ng	# 85
52) Acenaphthene	10.051	154	842375	47.304	ng	97
53) 3-Nitroaniline	9.963	138	131467	29.788	ng	98
54) 2,4-Dinitrophenol	10.069	184	196359	93.849	ng	91
55) Dibenzofuran	10.222	168	1103631	42.470	ng	95
56) 4-Nitrophenol	10.122	139	307492	88.704	ng	89
57) 2,4-Dinitrotoluene	10.198	165	273072	52.723	ng	93
58) Fluorene	10.563	166	827330	43.090	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.333	232	264013	44.101	ng	99
60) Diethylphthalate	10.433	149	899202	42.399	ng	98
61) 4-Chlorophenyl-phenyle...	10.557	204	442773	41.970	ng	99
62) 4-Nitroaniline	10.586	138	193990	46.671	ng	94
63) Azobenzene	10.716	77	937961	39.579	ng	96
65) 4,6-Dinitro-2-methylph...	10.604	198	128322	48.803	ng	95
66) n-Nitrosodiphenylamine	10.675	169	740533	43.192	ng	98
67) 4-Bromophenyl-phenylether	11.045	248	293442	44.414	ng	# 92
68) Hexachlorobenzene	11.110	284	331796	45.940	ng	95
69) Atrazine	11.204	200	267294	46.923	ng	98
70) Pentachlorophenol	11.304	266	367119	85.108	ng	97
71) Phenanthrene	11.533	178	1231863	42.708	ng	99
72) Anthracene	11.586	178	1238997	43.426	ng	99
73) Carbazole	11.739	167	1064091	39.802	ng	99
74) Di-n-butylphthalate	12.063	149	1291629	40.415	ng	99
75) Fluoranthene	12.721	202	1273373	40.457	ng	99
77) Benzidine	12.845	184	376910	44.566	ng	99
78) Pyrene	12.957	202	1260141	46.055	ng	99
80) Butylbenzylphthalate	13.568	149	450009	44.171	ng	94
81) Benzo(a)anthracene	14.145	228	967563	44.709	ng	98
82) 3,3'-Dichlorobenzidine	14.104	252	182376	27.031	ng	96
83) Chrysene	14.186	228	909983	43.804	ng	100
84) Bis(2-ethylhexyl)phtha...	14.127	149	576143	40.121	ng	# 98
85) Di-n-octyl phthalate	14.751	149	874258	41.637	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.251	276	934418	48.825	ng	98
88) Benzo(b)fluoranthene	15.227	252	916370	46.504	ng	99
89) Benzo(k)fluoranthene	15.262	252	812769	41.587	ng	99
90) Benzo(a)pyrene	15.621	252	844996	52.759	ng	99
91) Dibenzo(a,h)anthracene	17.274	278	800065	51.596	ng	97
92) Benzo(g,h,i)perylene	17.733	276	819256	51.535	ng	100

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

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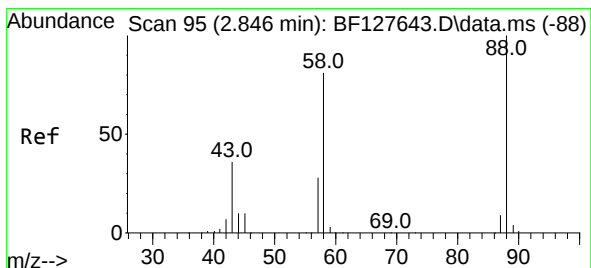
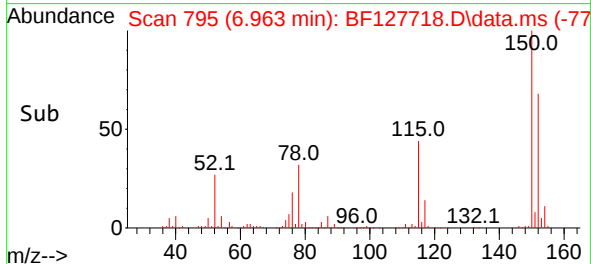
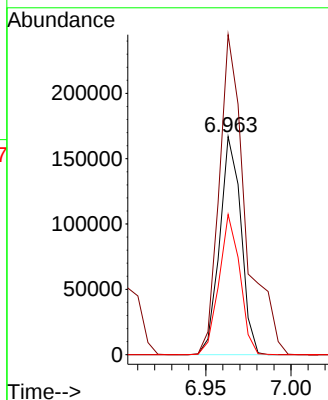
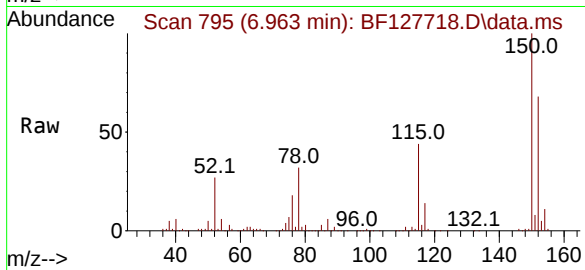




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

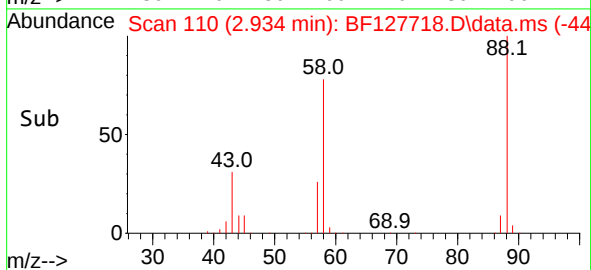
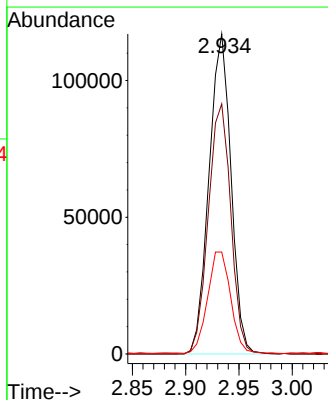
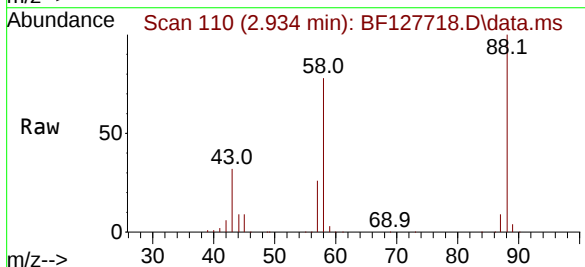
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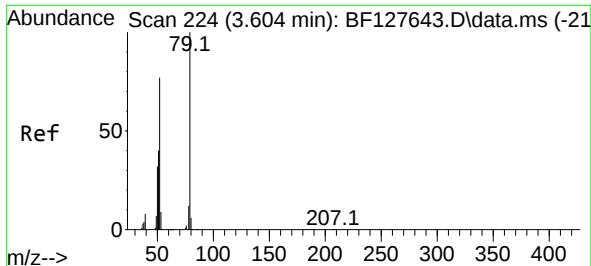
Tgt Ion:152 Resp: 145412
 Ion Ratio Lower Upper
 152 100
 150 146.7 117.2 175.8
 115 64.2 49.8 74.6



#2
 1,4-Dioxane
 Concen: 39.501 ng
 RT: 2.934 min Scan# 110
 Delta R.T. 0.088 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

Tgt Ion: 88 Resp: 167669
 Ion Ratio Lower Upper
 88 100
 58 80.2 77.0 115.4
 43 33.4 31.3 46.9

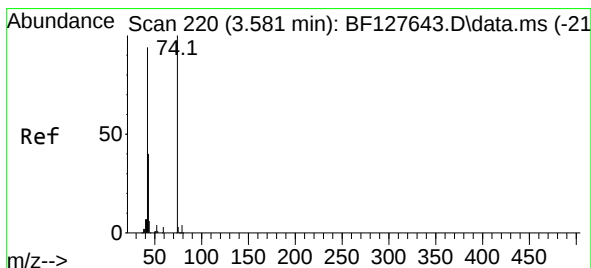
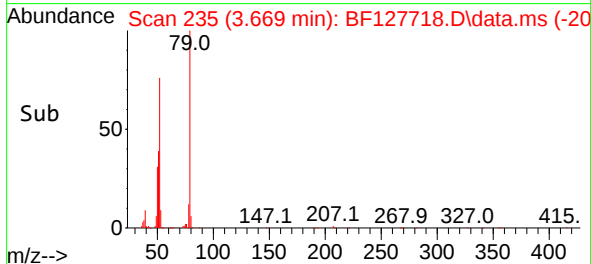
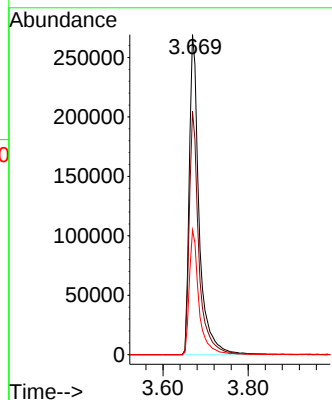
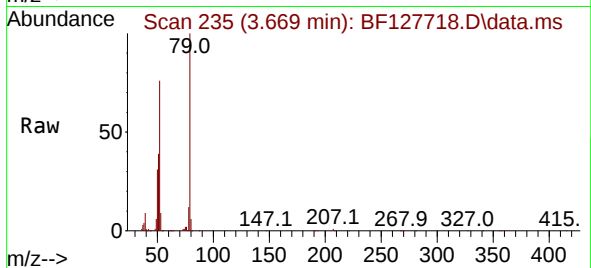




#3
Pyridine
Concen: 38.749 ng
RT: 3.669 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

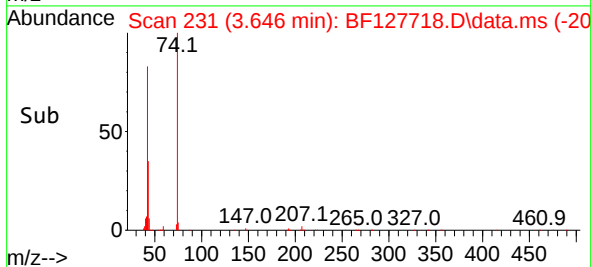
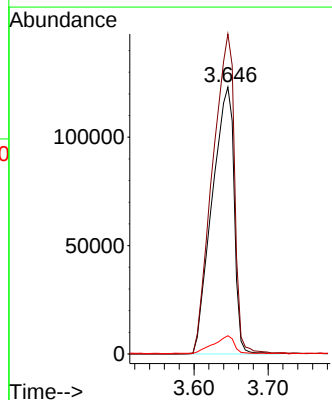
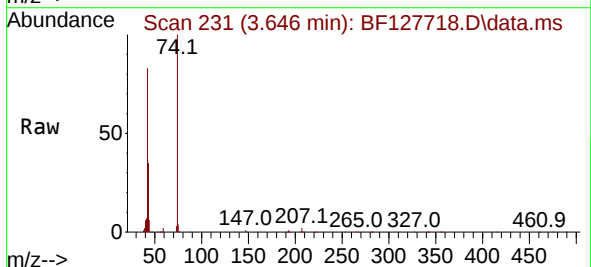
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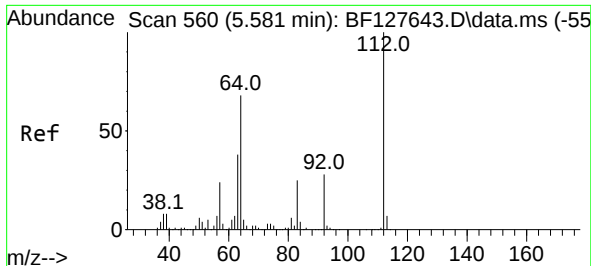
Tgt Ion: 79 Resp: 433199
Ion Ratio Lower Upper
79 100
52 76.1 74.2 111.4
51 38.9 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 42.225 ng
RT: 3.646 min Scan# 231
Delta R.T. 0.065 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion: 42 Resp: 253872
Ion Ratio Lower Upper
42 100
74 119.9 92.4 138.6
44 6.8 6.0 9.0

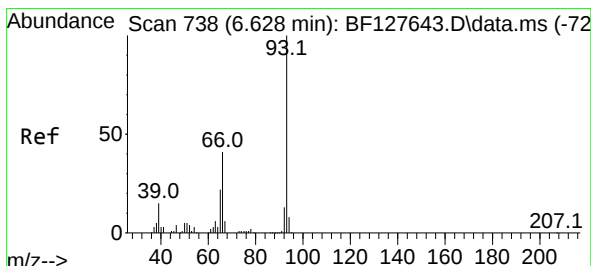
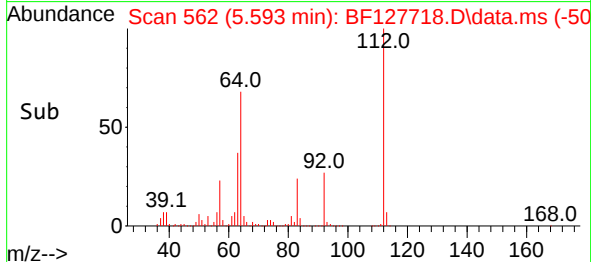
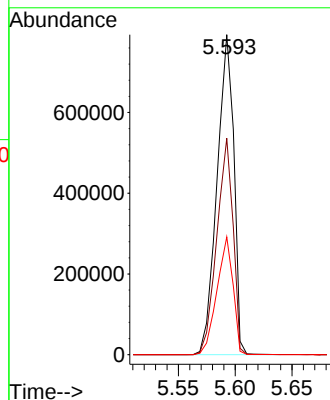
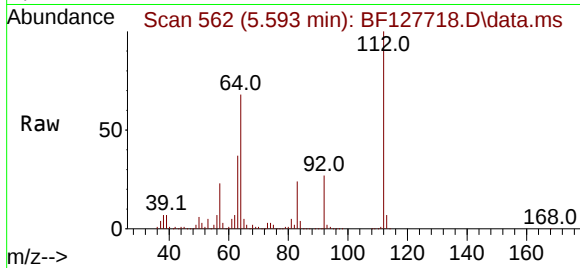




#5
2-Fluorophenol
Concen: 91.276 ng
RT: 5.593 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

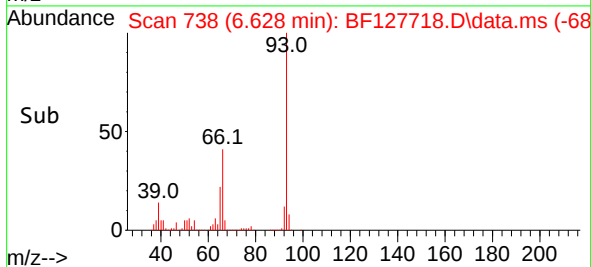
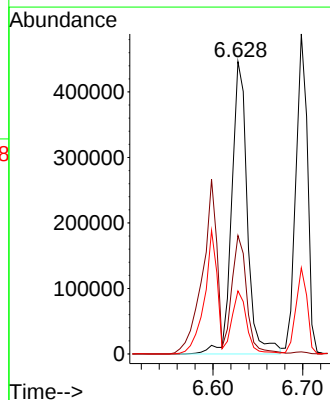
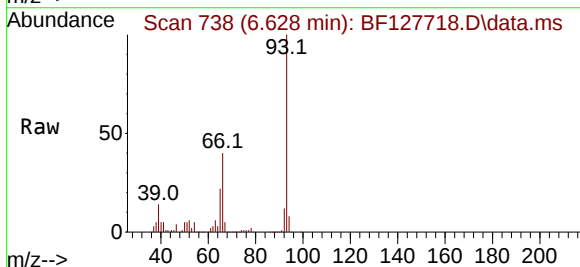
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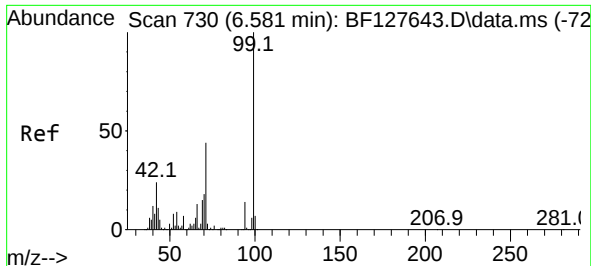
Tgt Ion:112 Resp: 816827
Ion Ratio Lower Upper
112 100
64 67.6 58.4 87.6
63 36.8 30.1 45.1



#6
Aniline
Concen: 38.672 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion: 93 Resp: 539978
Ion Ratio Lower Upper
93 100
66 40.5 36.2 54.4
65 21.6 18.4 27.6

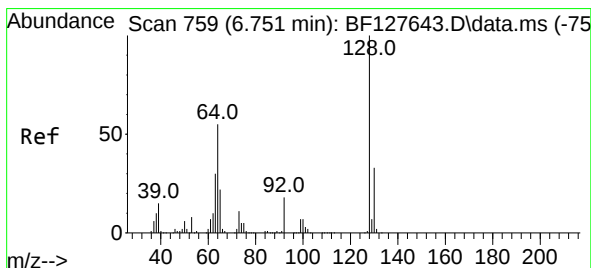
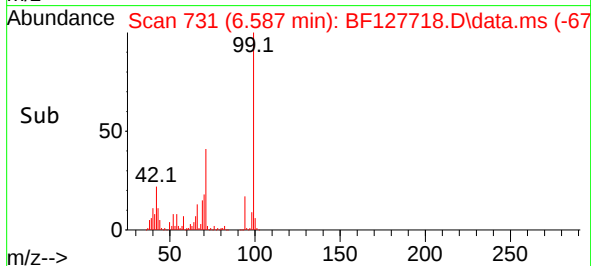
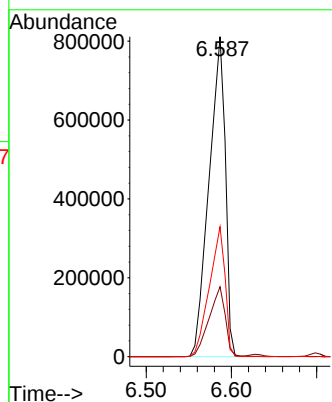
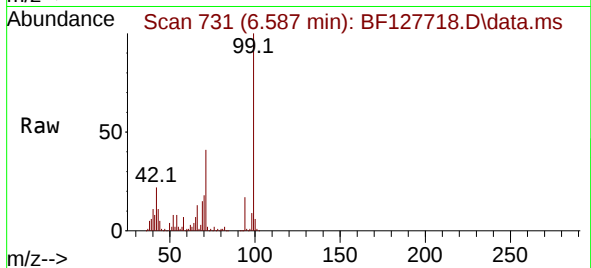




#7
Phenol-d6
Concen: 92.286 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

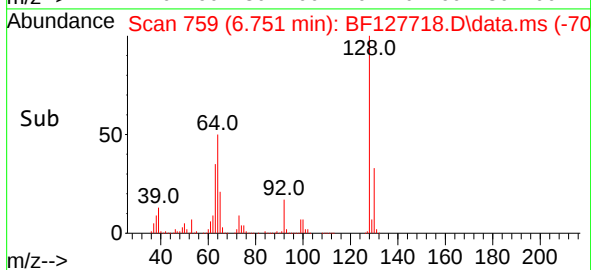
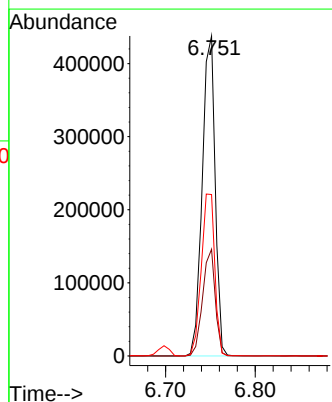
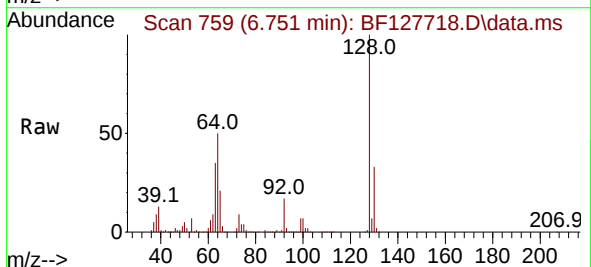
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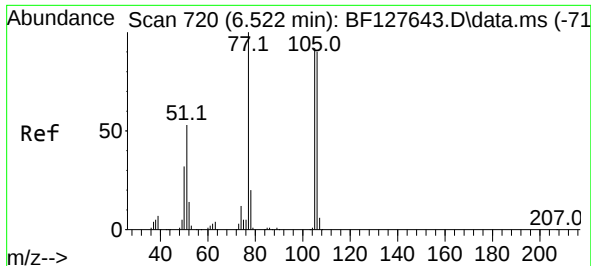
Tgt Ion: 99 Resp: 1080410
Ion Ratio Lower Upper
99 100
42 21.8 17.8 26.6
71 40.6 29.6 44.4



#8
2-Chlorophenol
Concen: 48.304 ng
RT: 6.751 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion: 128 Resp: 438494
Ion Ratio Lower Upper
128 100
130 33.4 11.3 51.3
64 50.4 38.4 78.4

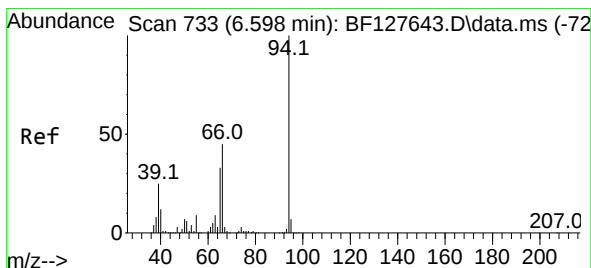
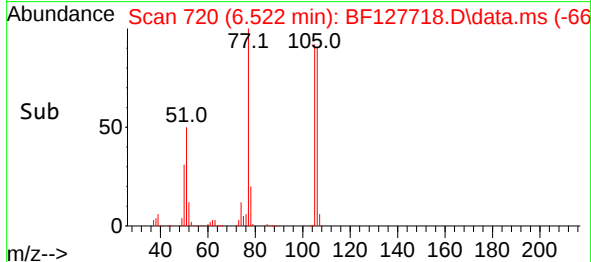
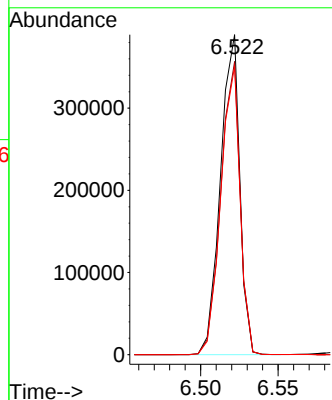
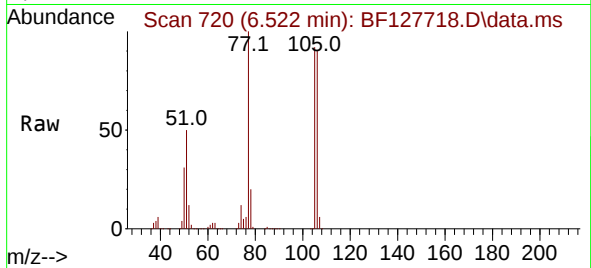




#9
Benzaldehyde
Concen: 61.286 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127718.D
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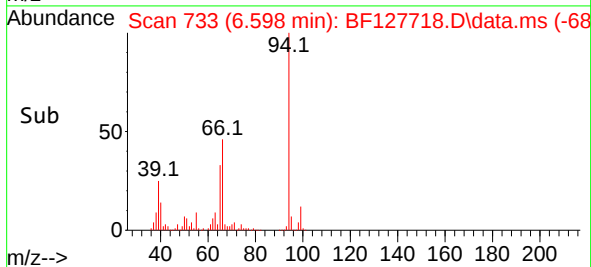
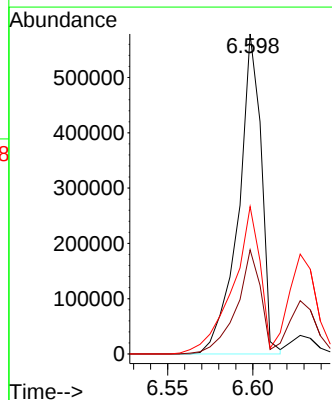
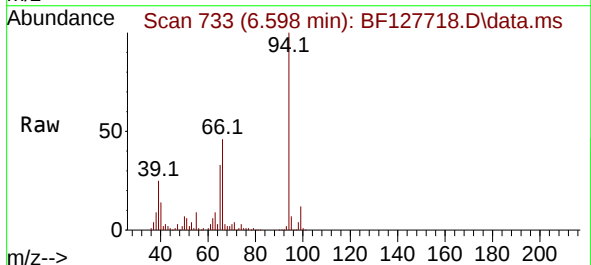
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ClientSampleId :
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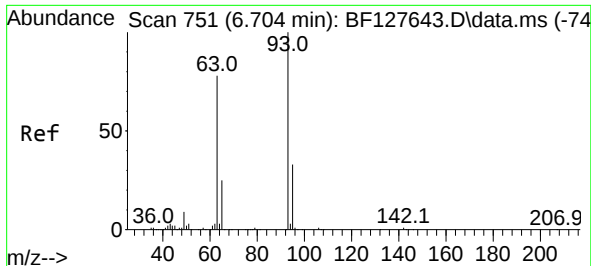
Tgt Ion: 77 Resp: 336933
Ion Ratio Lower Upper
77 100
105 91.6 66.8 106.8
106 90.2 64.3 104.3



#10
Phenol
Concen: 46.170 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion: 94 Resp: 540479
Ion Ratio Lower Upper
94 100
65 32.6 13.1 53.1
66 46.0 24.9 64.9

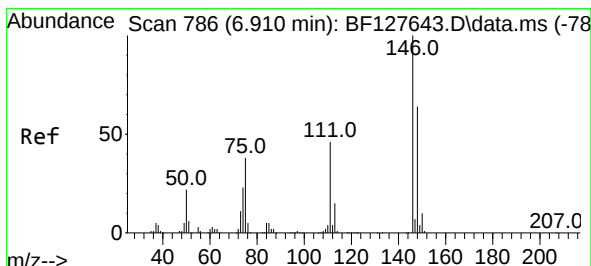
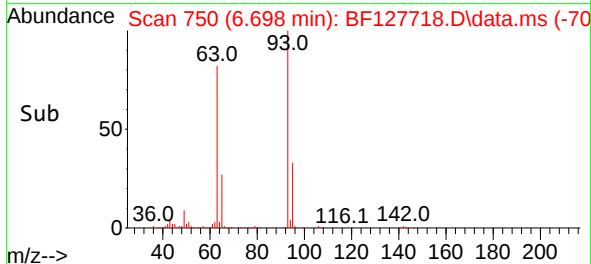
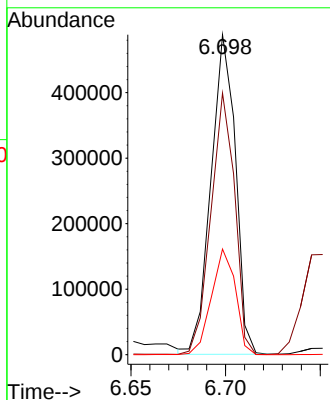
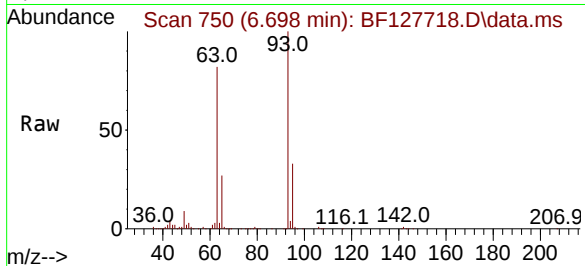




#11
bis(2-Chloroethyl)ether
Concen: 45.440 ng
RT: 6.698 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

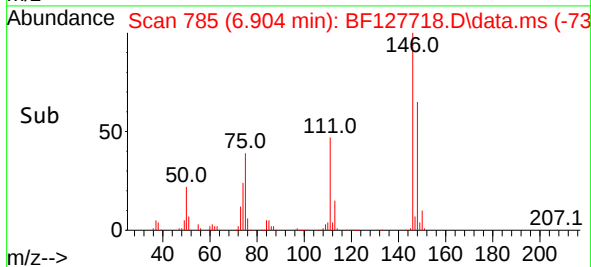
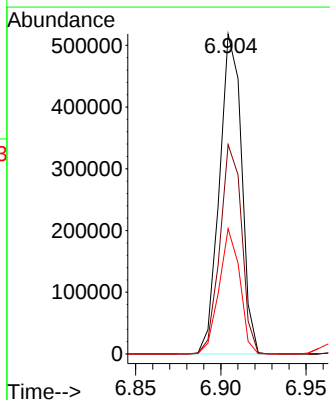
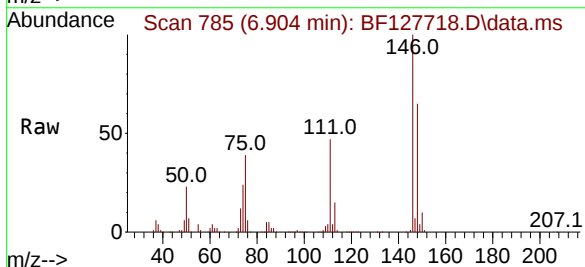
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

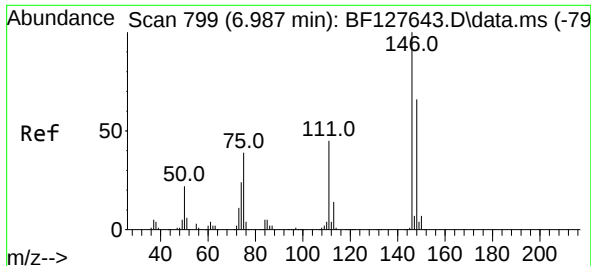
Tgt Ion: 93 Resp: 439291
Ion Ratio Lower Upper
93 100
63 81.8 69.6 109.6
95 33.0 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 45.127 ng
RT: 6.904 min Scan# 785
Delta R.T. -0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:146 Resp: 468088
Ion Ratio Lower Upper
146 100
148 65.4 50.6 76.0
75 39.1 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 44.900 ng

RT: 6.981 min Scan# 799

Delta R.T. -0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

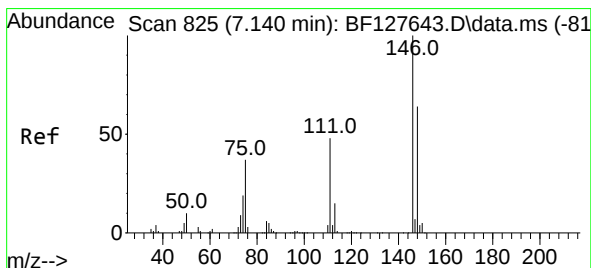
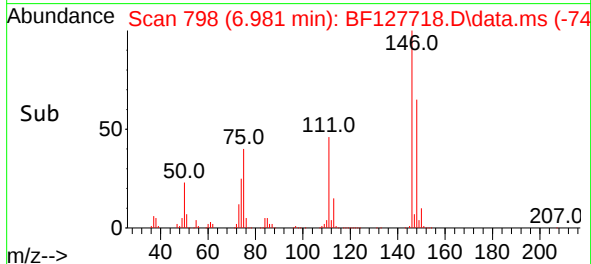
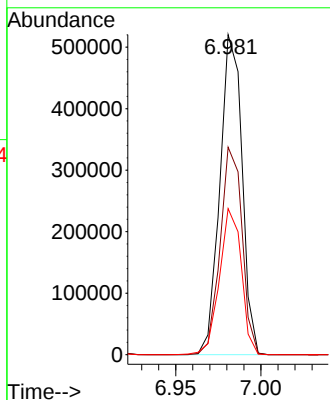
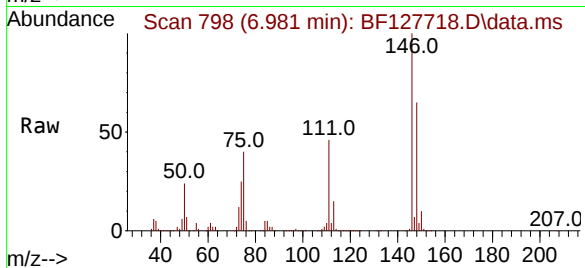
Tgt Ion:146 Resp: 470799

Ion Ratio Lower Upper

146 100

148 64.9 51.3 76.9

111 45.7 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 45.491 ng

RT: 7.134 min Scan# 824

Delta R.T. -0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

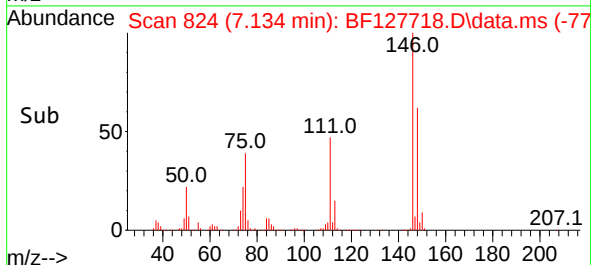
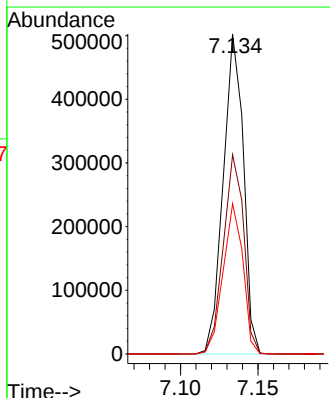
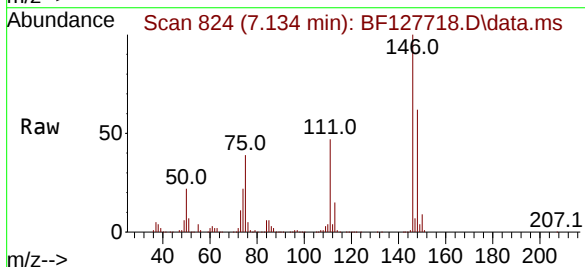
Tgt Ion:146 Resp: 455944

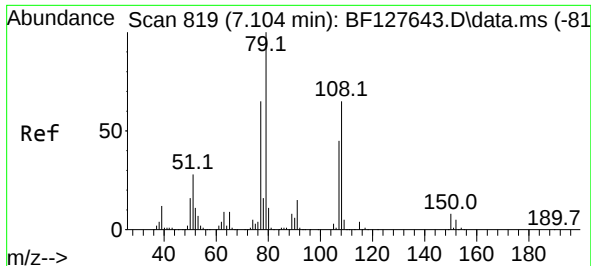
Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.2

111 47.0 36.4 54.6

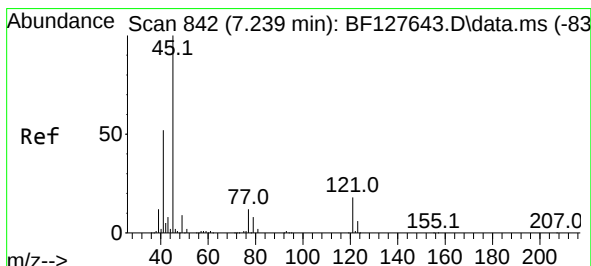
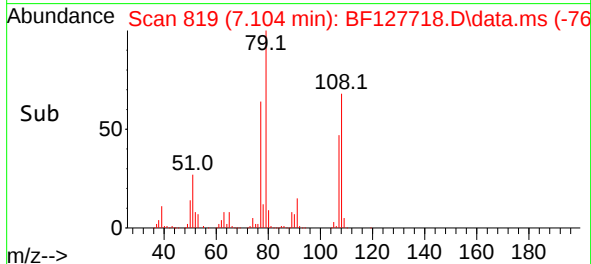
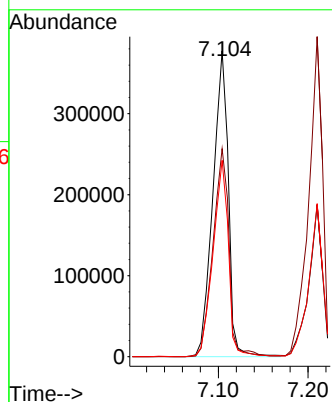
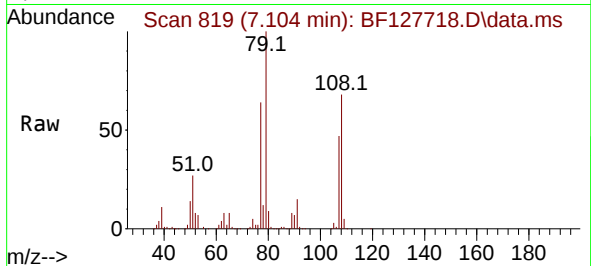




#15
Benzyl Alcohol
Concen: 43.975 ng
RT: 7.104 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

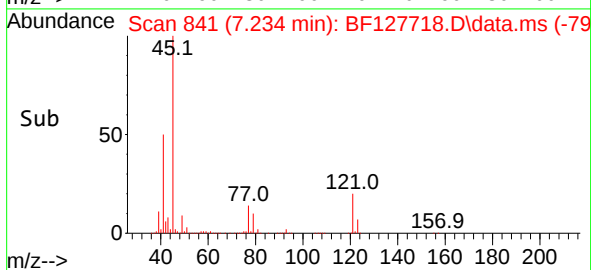
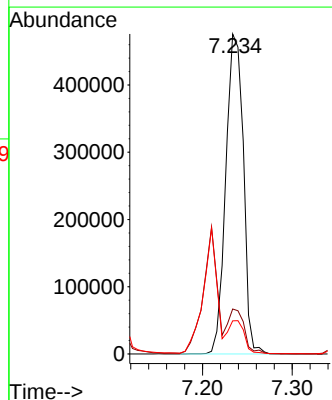
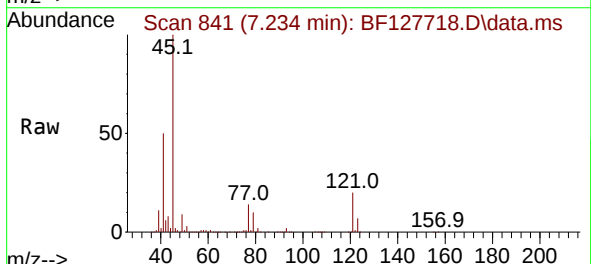
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

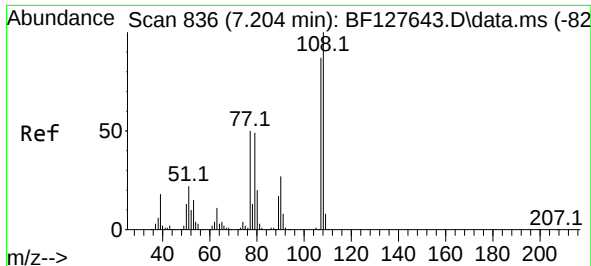
Tgt Ion: 79 Resp: 450070
Ion Ratio Lower Upper
79 100
108 68.1 52.2 78.2
77 64.2 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.321 ng
RT: 7.234 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

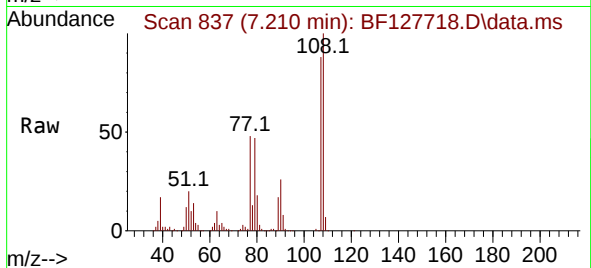
Tgt Ion: 45 Resp: 645816
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.9
79 10.3 0.0 29.9





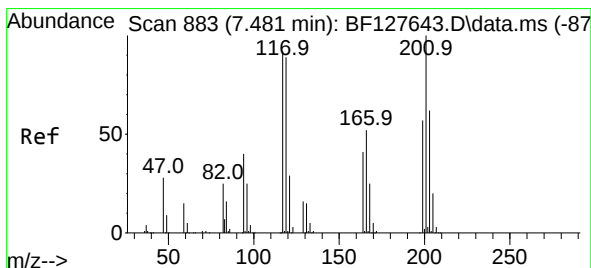
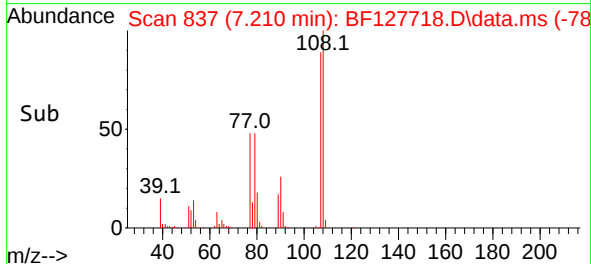
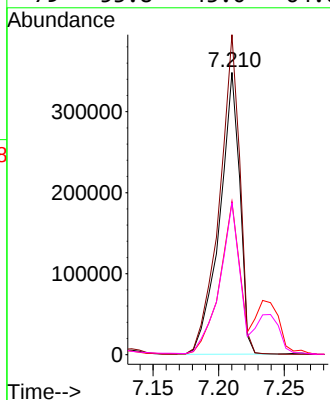
#17
2-Methylphenol
Concen: 47.045 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Instrument :
BNA_F
ClientSampleId :
NORTH-3MS



Tgt Ion:107 Resp: 371490

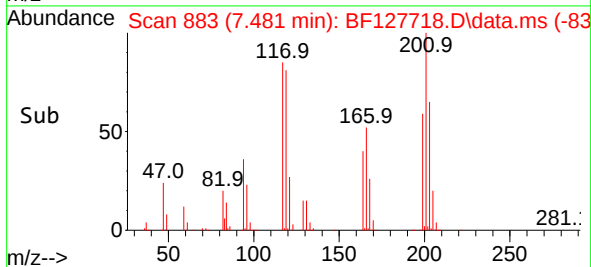
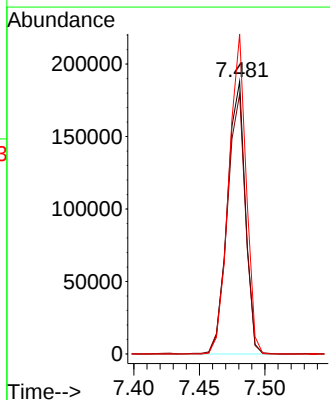
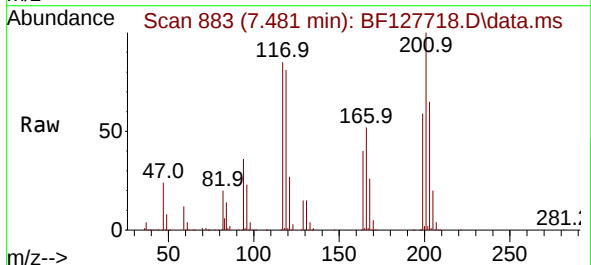
Ion	Ratio	Lower	Upper
107	100		
108	113.3	90.7	136.1
77	54.2	42.9	64.3
79	53.8	43.0	64.6

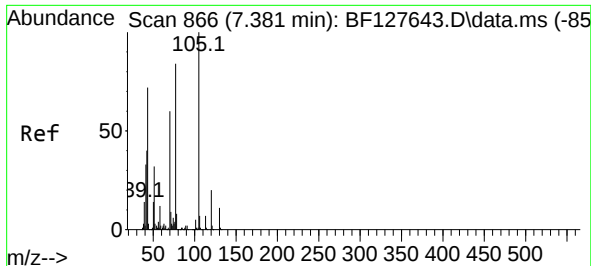


#18
Hexachloroethane
Concen: 44.616 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:117 Resp: 178513

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.6	116.4
201	117.4	88.2	132.2

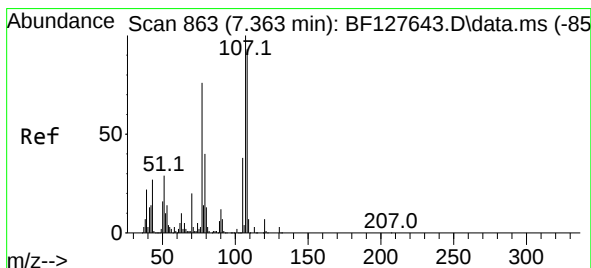
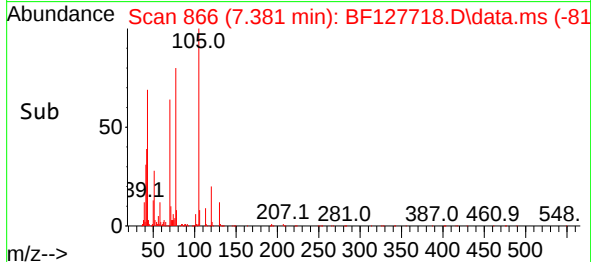
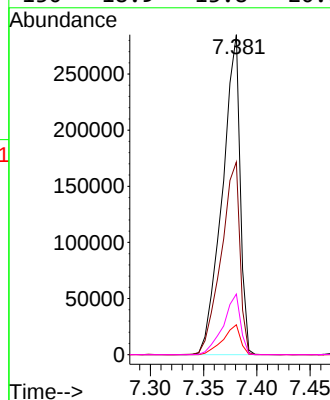
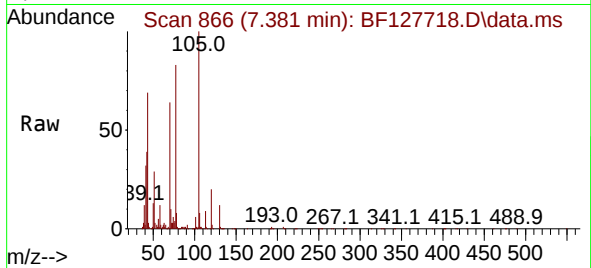




#19
n-Nitroso-di-n-propylamine
Concen: 43.577 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

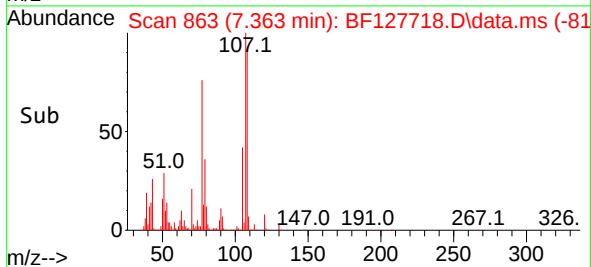
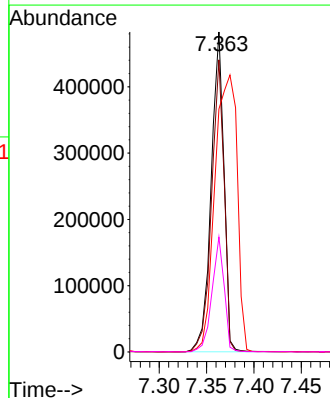
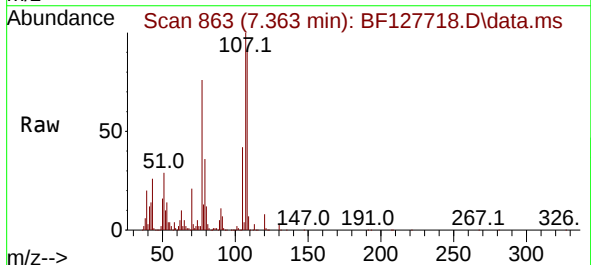
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

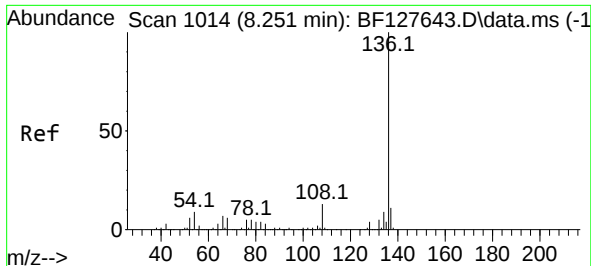
Tgt Ion: 70 Resp: 329960
Ion Ratio Lower Upper
70 100
42 60.2 53.0 79.6
101 9.3 6.8 10.2
130 18.9 13.8 20.6



#20
3+4-Methylphenols
Concen: 44.949 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion: 107 Resp: 452302
Ion Ratio Lower Upper
107 100
108 91.3 70.7 110.7
77 75.9 127.9 167.9#
79 35.9 16.8 56.8

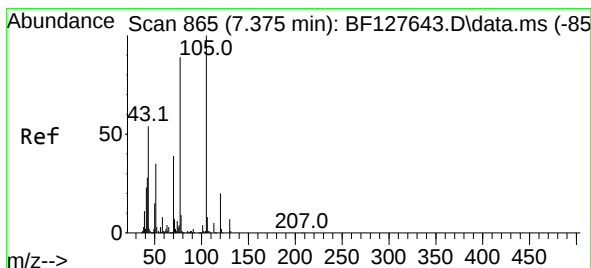
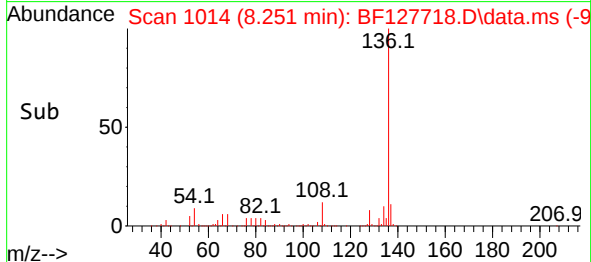
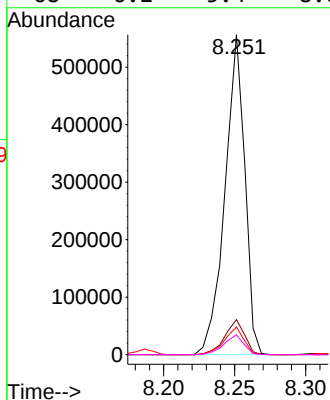
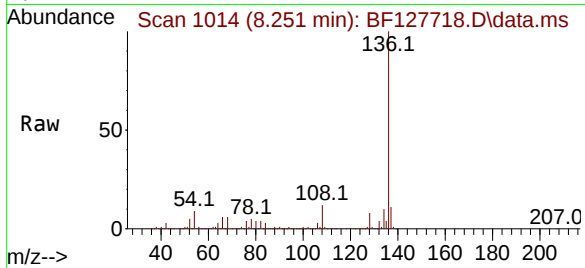




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

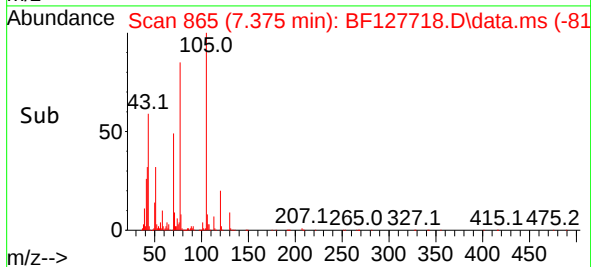
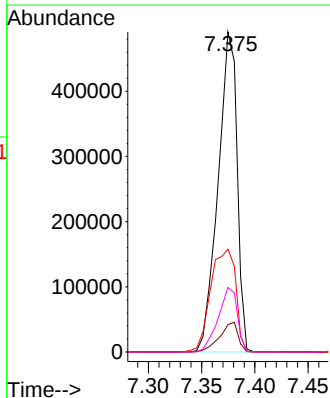
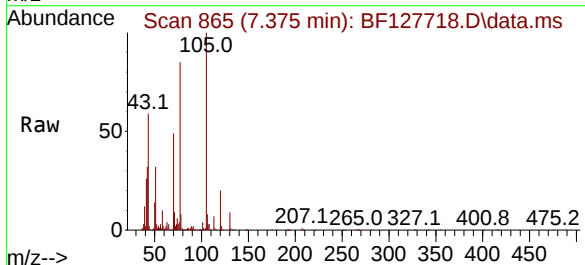
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

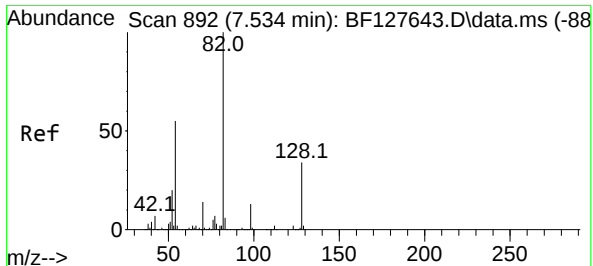
Tgt Ion:136 Resp: 539841
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 9.2 13.8#
68 6.2 5.4 8.0



#22
Acetophenone
Concen: 42.028 ng
RT: 7.375 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:105 Resp: 609676
Ion Ratio Lower Upper
105 100
71 8.6 7.3 10.9
51 32.1 38.8 58.2#
120 20.2 16.5 24.7





#23

Nitrobenzene-d5

Concen: 63.628 ng

RT: 7.534 min Scan# 892

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

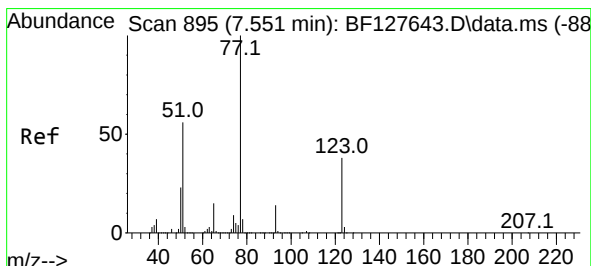
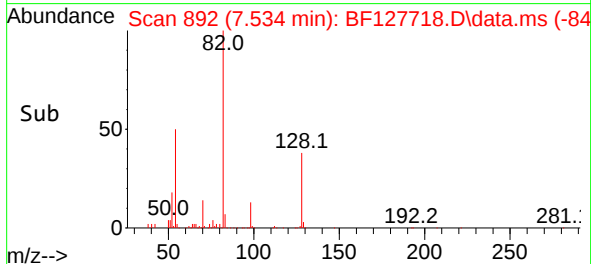
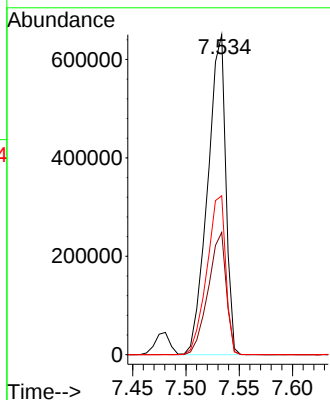
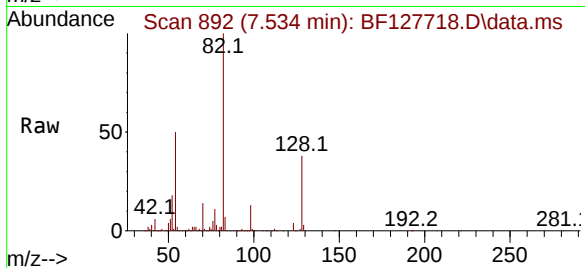
Tgt Ion: 82 Resp: 770485

Ion Ratio Lower Upper

82 100

128 38.2 30.6 45.8

54 49.7 48.2 72.2



#24

Nitrobenzene

Concen: 44.641 ng

RT: 7.551 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

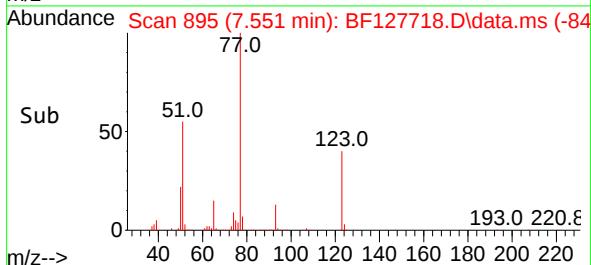
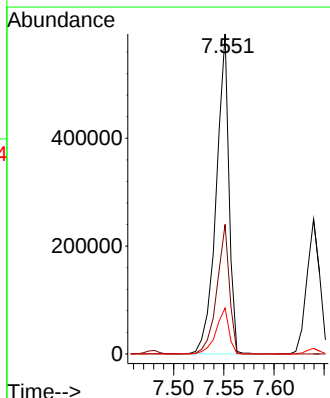
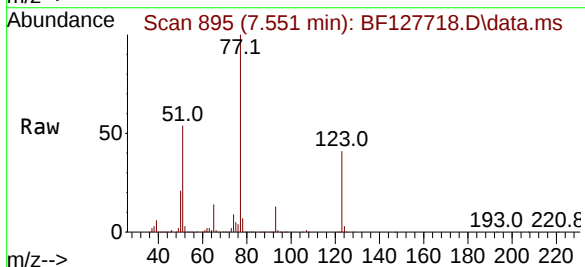
Tgt Ion: 77 Resp: 524004

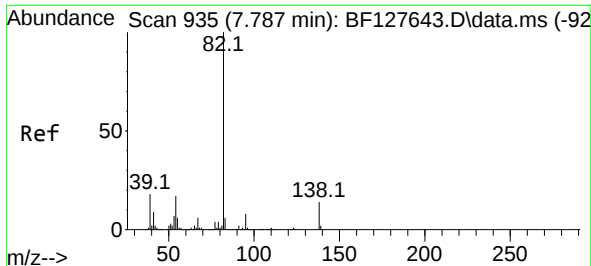
Ion Ratio Lower Upper

77 100

123 40.5 32.0 48.0

65 14.4 12.2 18.2

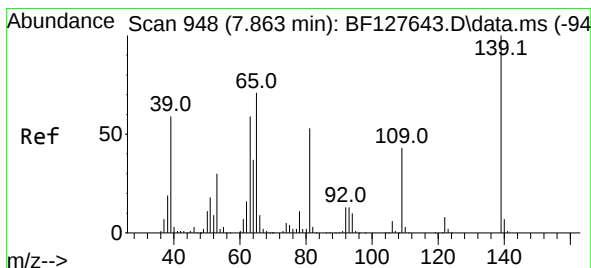
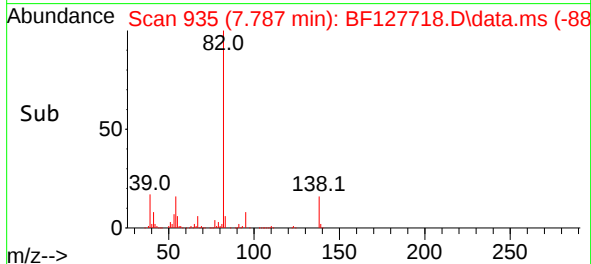
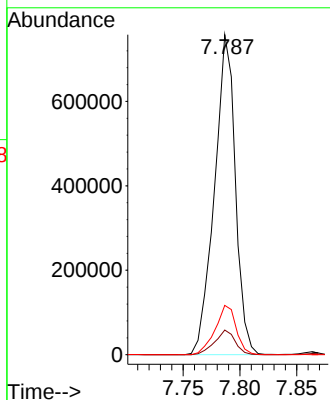
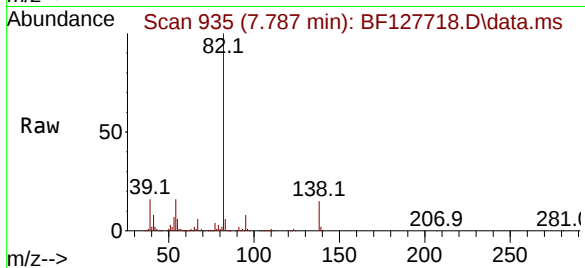




#25
Isophorone
Concen: 46.010 ng
RT: 7.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

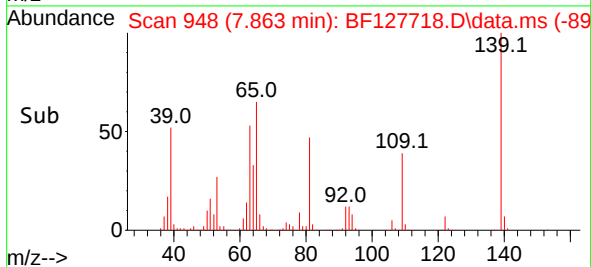
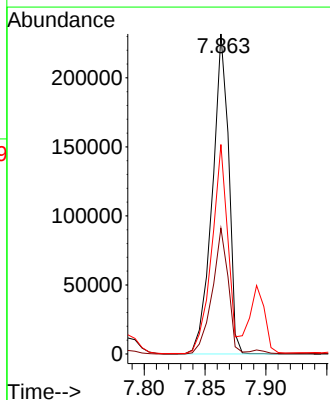
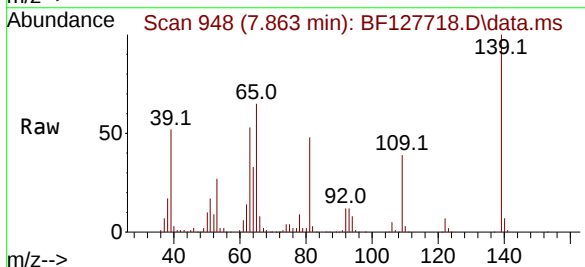
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

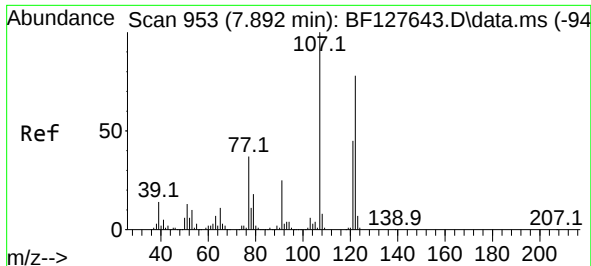
Tgt Ion: 82 Resp: 972182
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 15.4 11.6 17.4



#26
2-Nitrophenol
Concen: 51.436 ng
RT: 7.863 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:139 Resp: 216981
Ion Ratio Lower Upper
139 100
109 39.3 28.2 42.2
65 65.4 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 49.685 ng

RT: 7.892 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127718.D

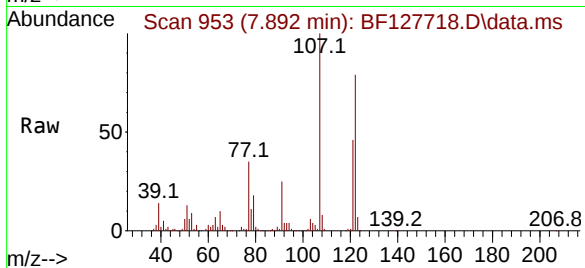
Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS



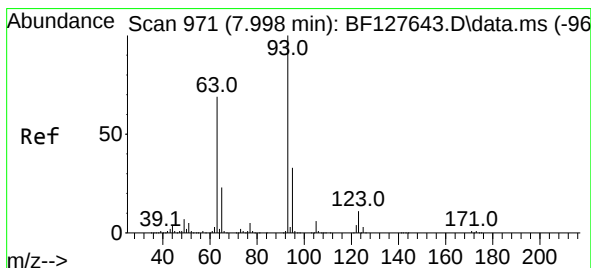
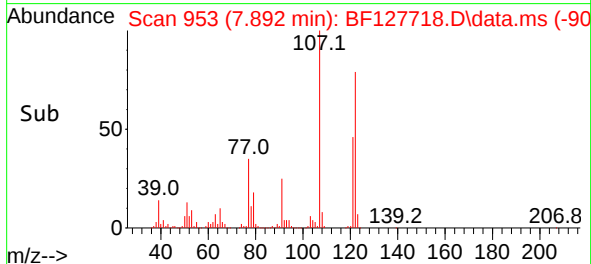
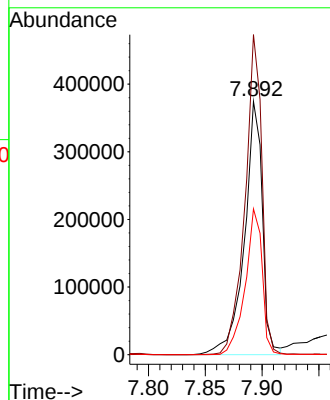
Tgt Ion:122 Resp: 410352

Ion Ratio Lower Upper

122 100

107 126.3 93.0 139.4

121 57.5 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.132 ng

RT: 7.998 min Scan# 971

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

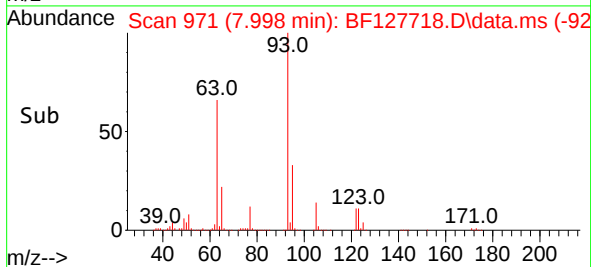
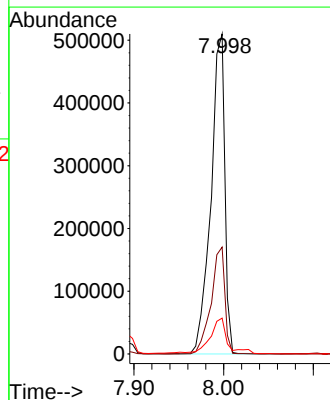
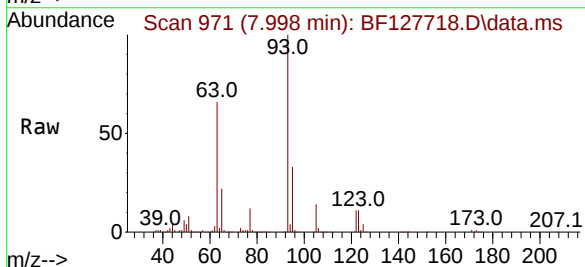
Tgt Ion: 93 Resp: 548927

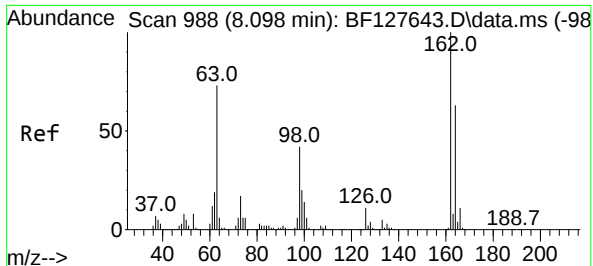
Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

123 11.2 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 43.827 ng

RT: 8.104 min Scan# 988

Delta R.T. 0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

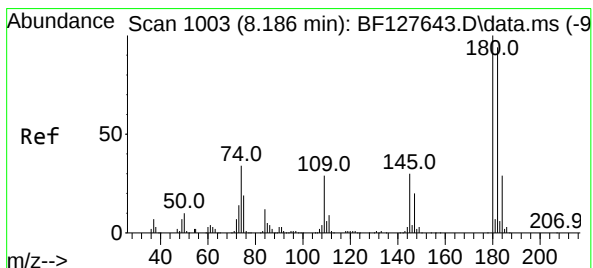
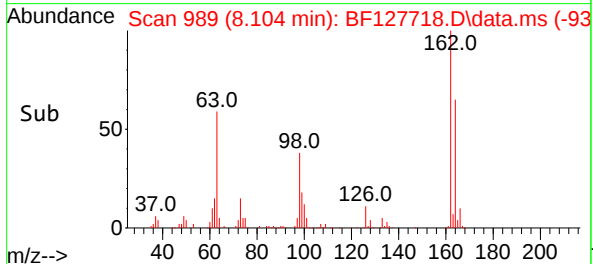
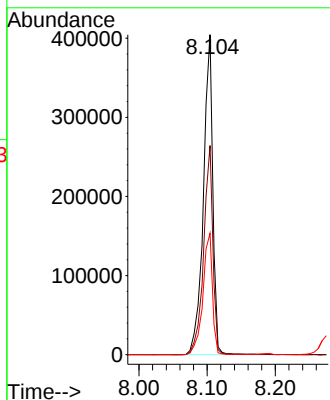
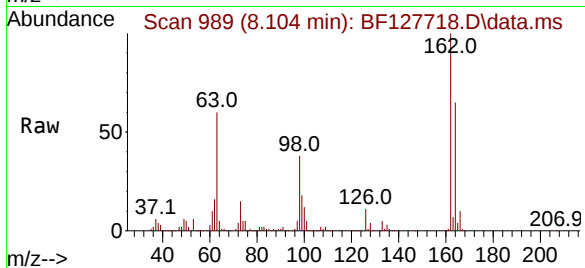
Tgt Ion:162 Resp: 389931

Ion Ratio Lower Upper

162 100

164 65.3 43.7 83.7

98 37.9 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 42.999 ng

RT: 8.186 min Scan# 1003

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

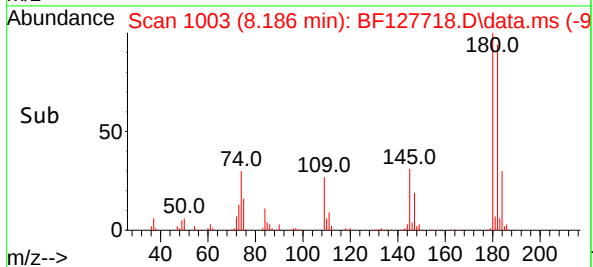
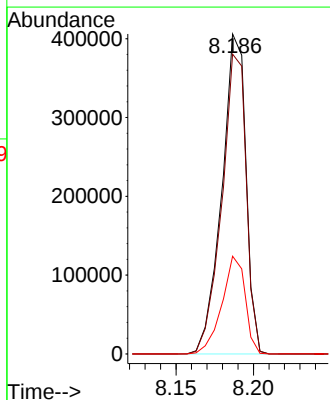
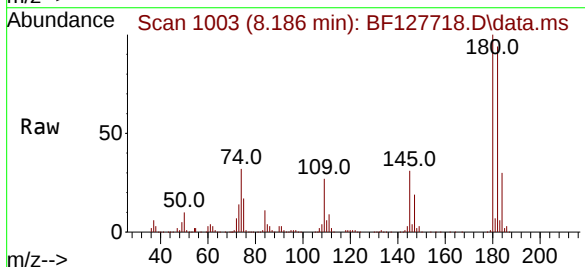
Tgt Ion:180 Resp: 440289

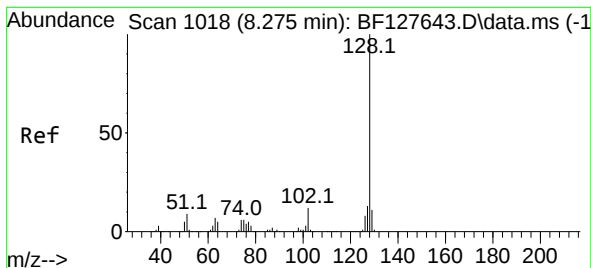
Ion Ratio Lower Upper

180 100

182 93.7 73.8 110.6

145 30.6 23.3 34.9





#31

Naphthalene

Concen: 43.404 ng

RT: 8.275 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

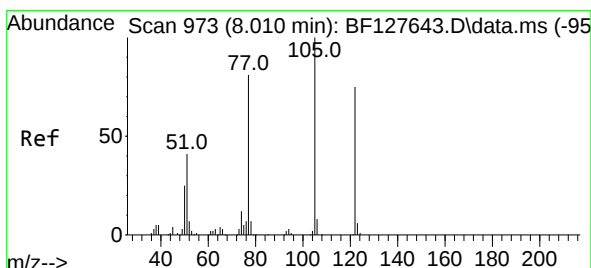
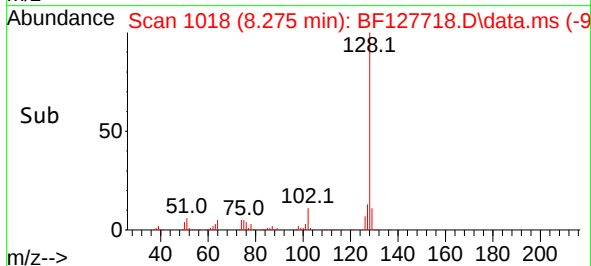
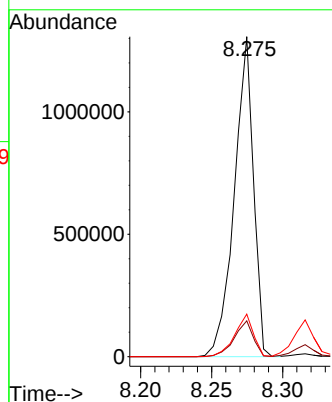
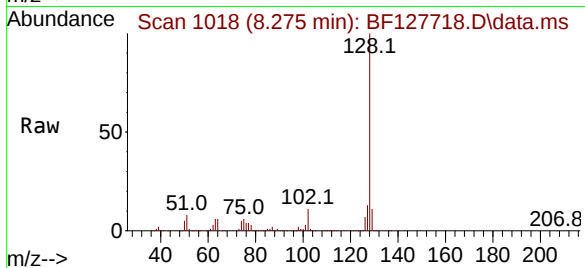
Tgt Ion:128 Resp: 1227797

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

127 13.3 10.2 15.2



#32

Benzoic acid

Concen: 50.896 ng

RT: 8.028 min Scan# 976

Delta R.T. 0.018 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

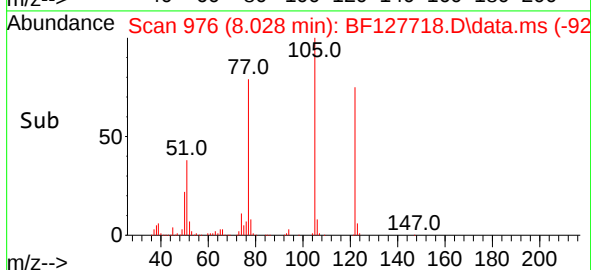
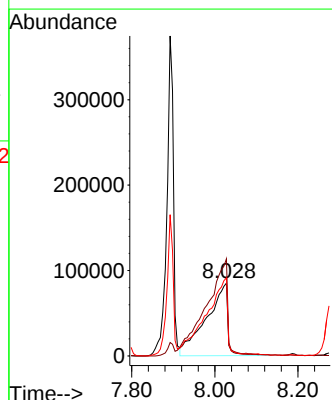
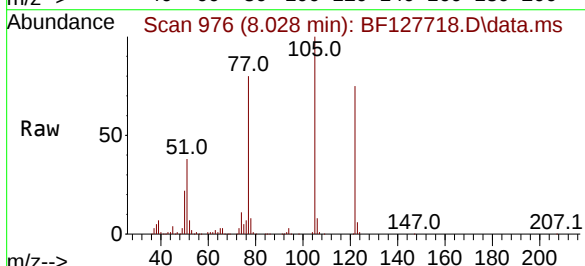
Tgt Ion:122 Resp: 304975

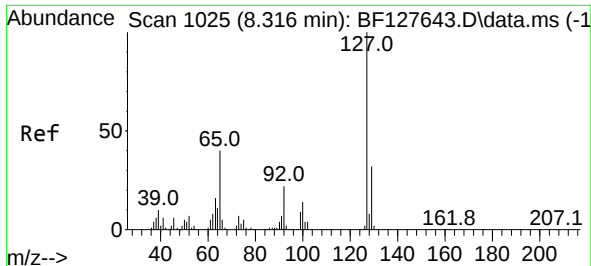
Ion Ratio Lower Upper

122 100

105 133.3 117.1 157.1

77 107.1 93.0 133.0

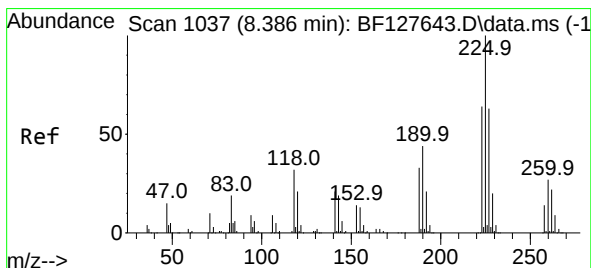
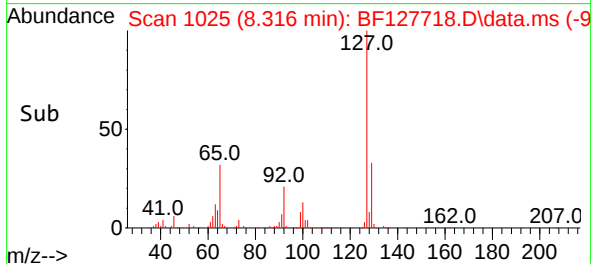
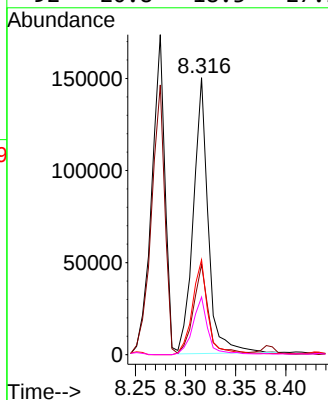
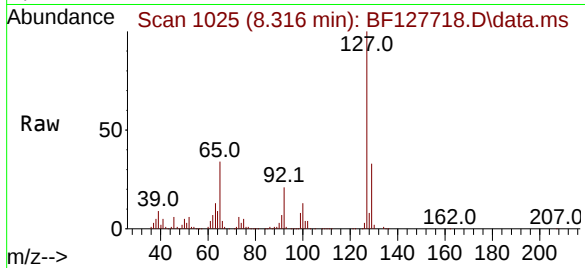




#33
4-Chloroaniline
Concen: 13.822 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

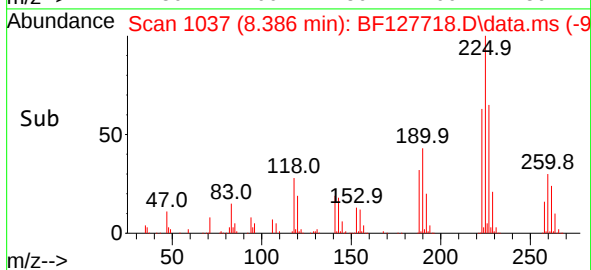
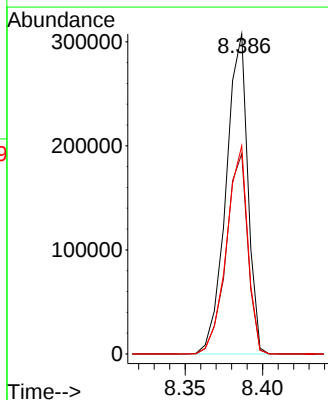
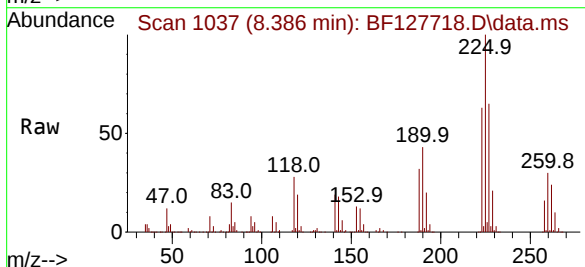
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

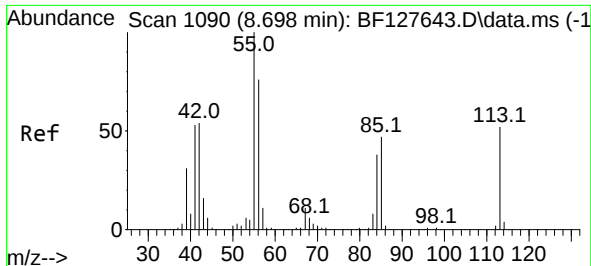
Tgt Ion:	127	Resp:	153989
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.9	38.9
65	34.3	31.4	47.0
92	20.8	18.3	27.5



#34
Hexachlorobutadiene
Concen: 42.518 ng
RT: 8.386 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:	225	Resp:	299486
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	65.0	49.6	74.4

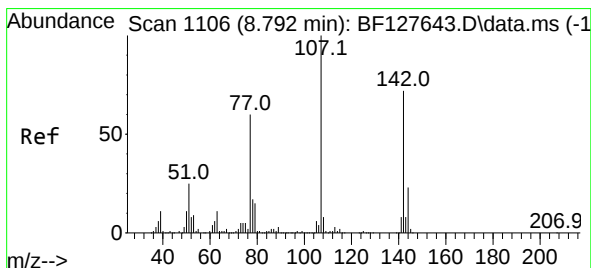
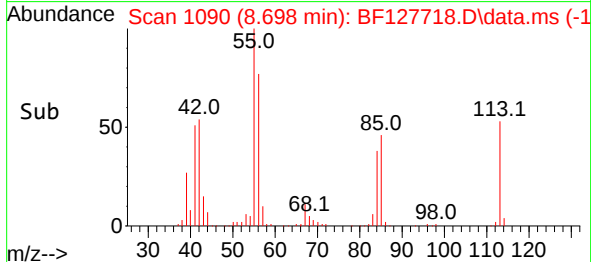
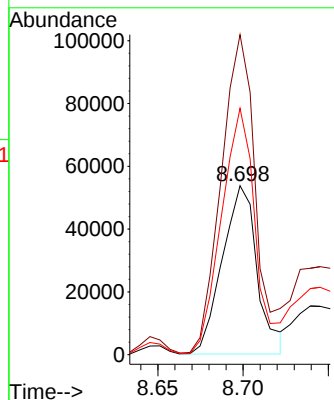
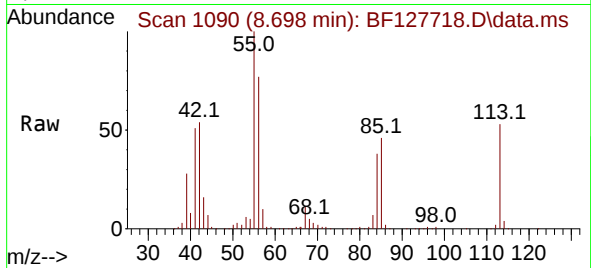




#35
 Caprolactam
 Concen: 29.086 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

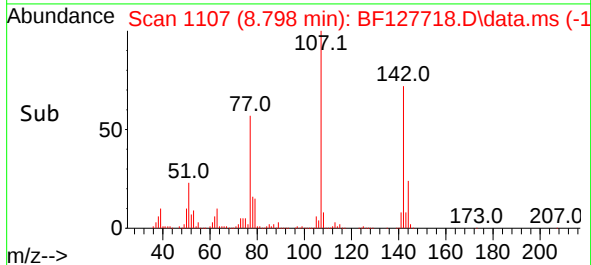
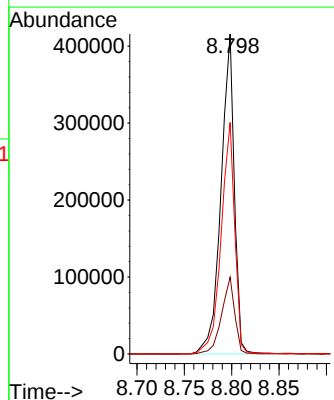
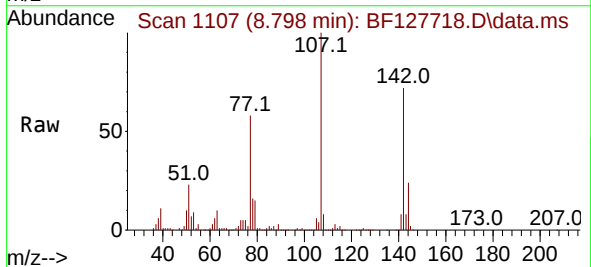
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MS

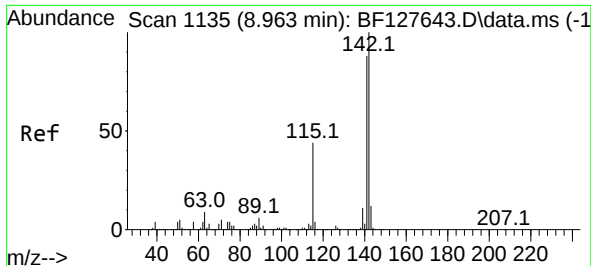
Tgt Ion:113 Resp: 76485
 Ion Ratio Lower Upper
 113 100
 55 189.3 218.7 258.7#
 56 145.7 156.2 196.2#



#36
 4-Chloro-3-methylphenol
 Concen: 43.910 ng
 RT: 8.798 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

Tgt Ion:107 Resp: 409589
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.3 28.9
 142 72.3 59.8 89.8

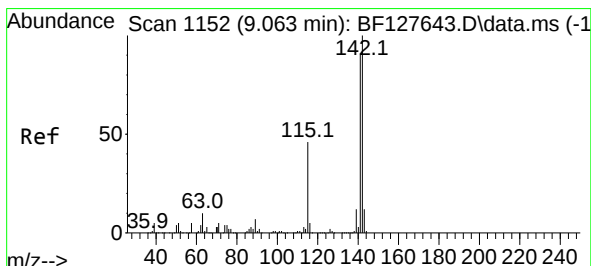
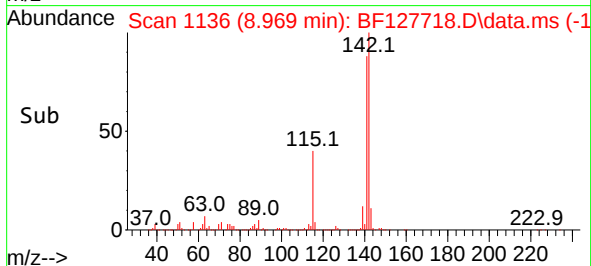
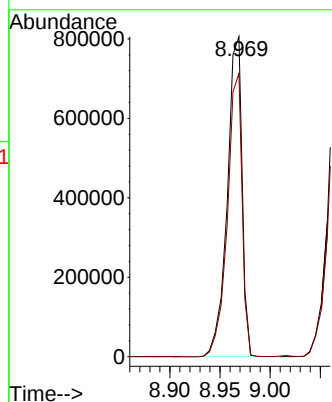
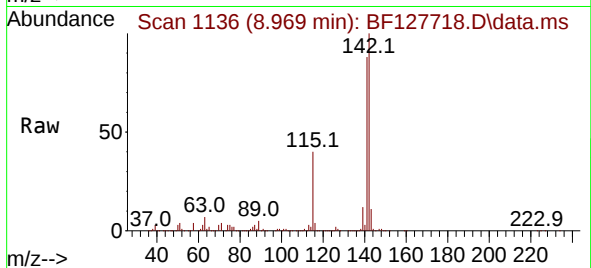




#37
2-Methylnaphthalene
Concen: 43.707 ng
RT: 8.969 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

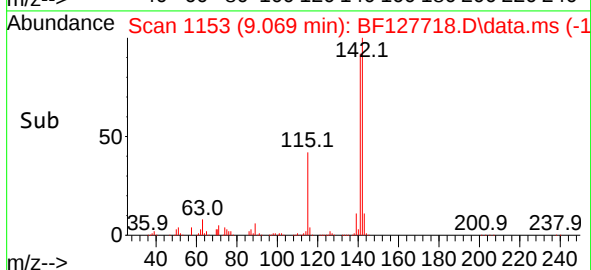
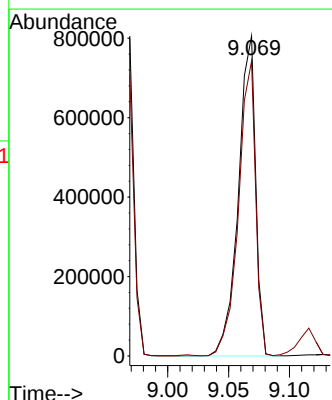
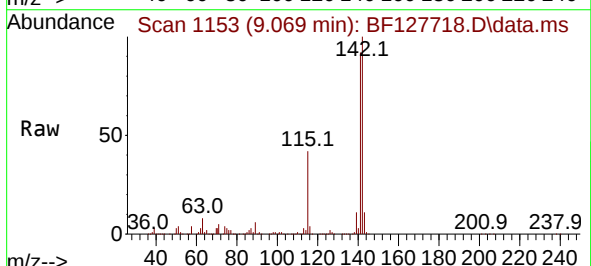
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

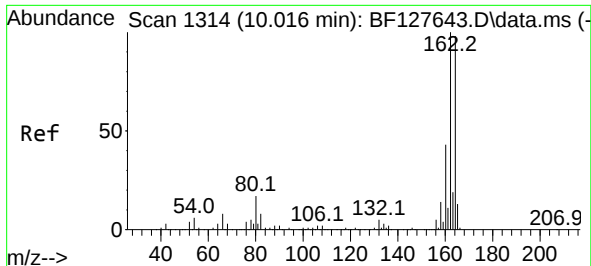
Tgt Ion:142 Resp: 826918
Ion Ratio Lower Upper
142 100
141 88.5 70.6 106.0



#38
1-Methylnaphthalene
Concen: 43.599 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:142 Resp: 796181
Ion Ratio Lower Upper
142 100
141 92.2 74.2 111.2

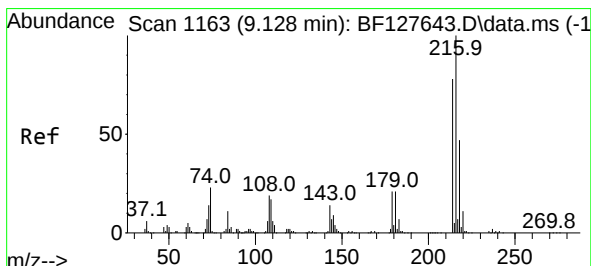
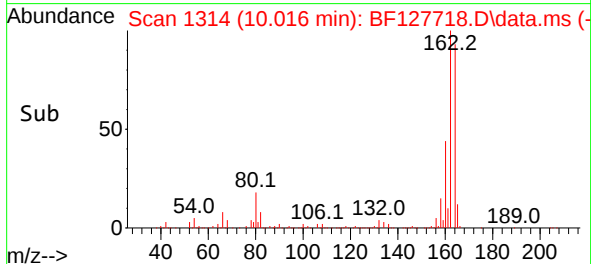
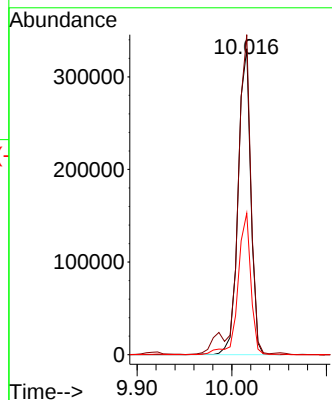
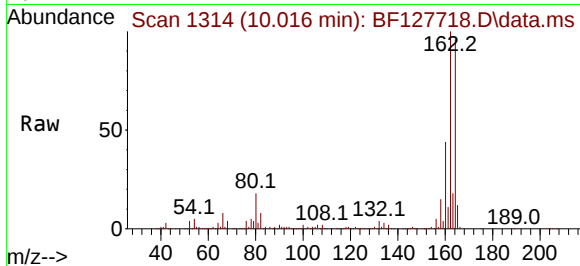




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

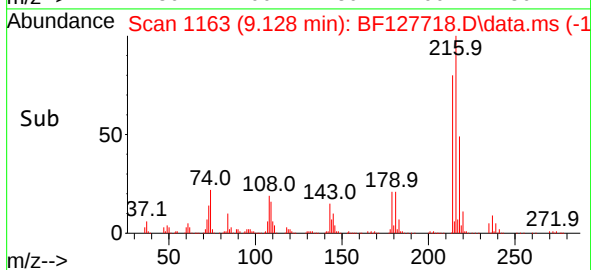
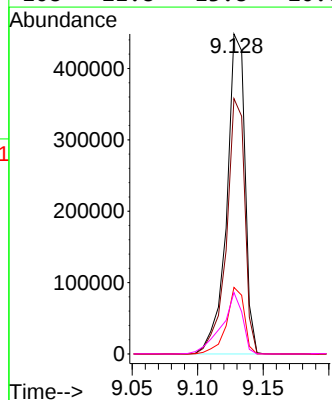
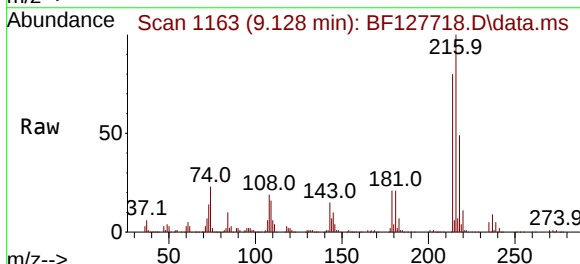
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

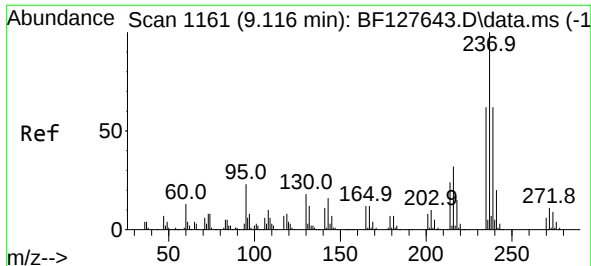
Tgt Ion:164 Resp: 305756
Ion Ratio Lower Upper
164 100
162 104.6 81.2 121.8
160 46.2 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.212 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:216 Resp: 433352
Ion Ratio Lower Upper
216 100
214 79.7 63.0 94.4
179 20.3 15.5 23.3
108 21.8 13.8 20.6#

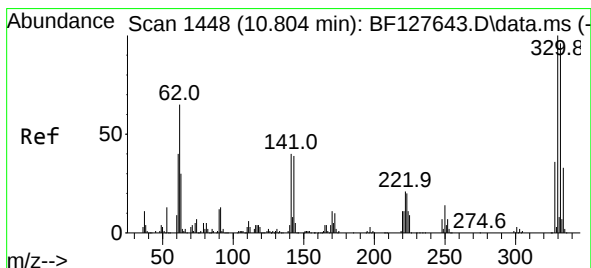
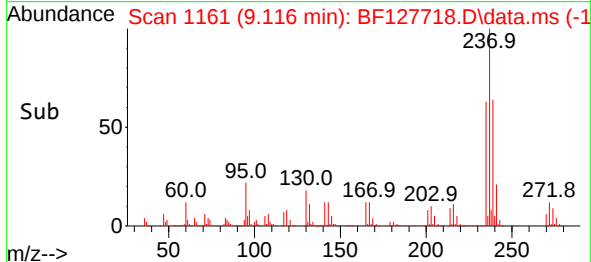
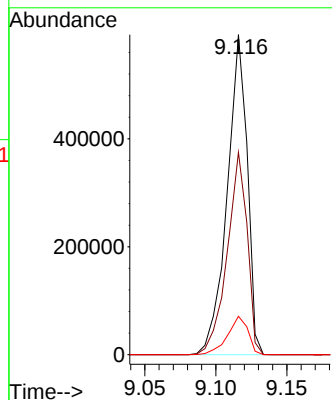
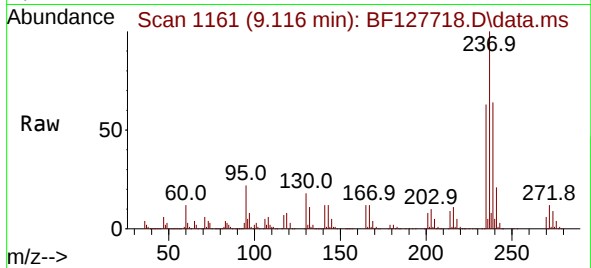




#41
Hexachlorocyclopentadiene
Concen: 96.348 ng
RT: 9.116 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

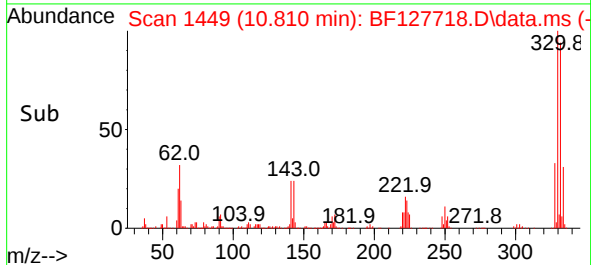
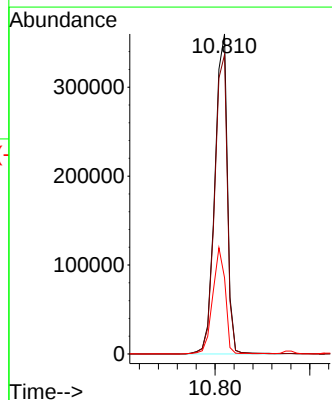
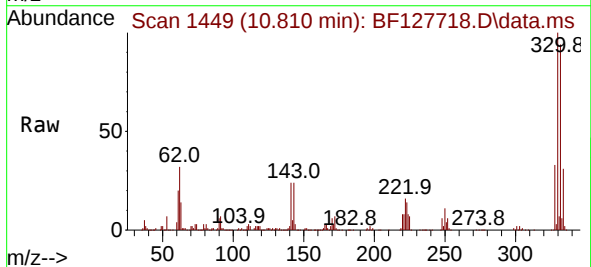
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

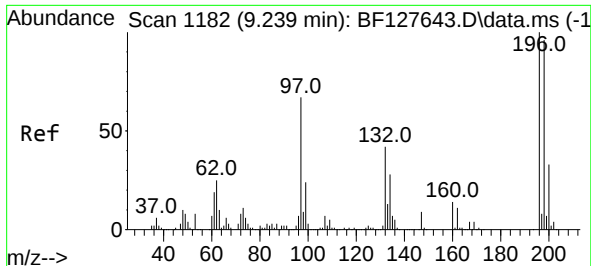
Tgt Ion:237 Resp: 582035
Ion Ratio Lower Upper
237 100
235 63.3 40.4 80.4
272 12.0 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 102.161 ng
RT: 10.810 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:330 Resp: 332402
Ion Ratio Lower Upper
330 100
332 94.9 79.1 118.7
141 33.1 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 43.761 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

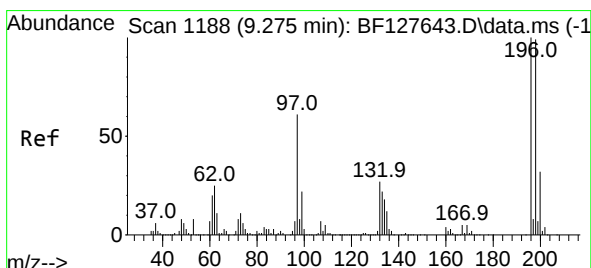
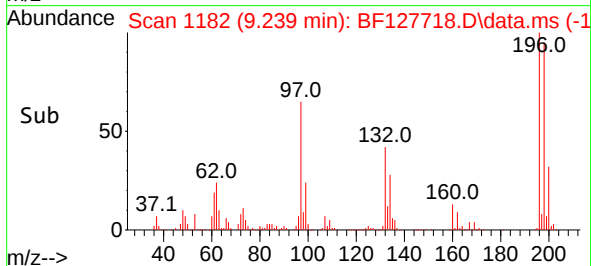
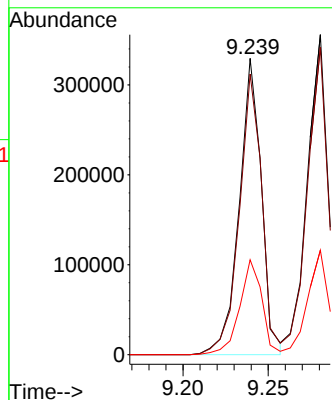
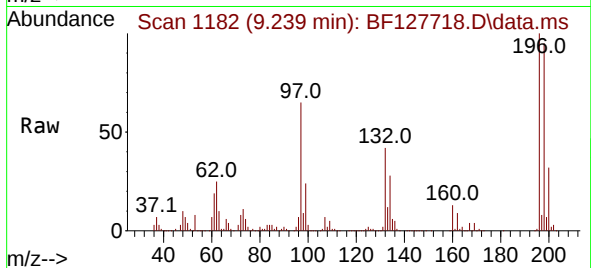
Tgt Ion:196 Resp: 297943

Ion Ratio Lower Upper

196 100

198 94.7 77.8 116.6

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 44.286 ng

RT: 9.281 min Scan# 1189

Delta R.T. 0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Tgt Ion:196 Resp: 304251

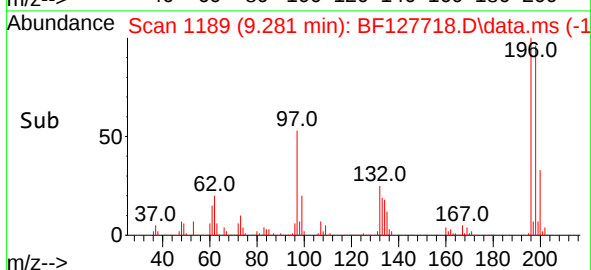
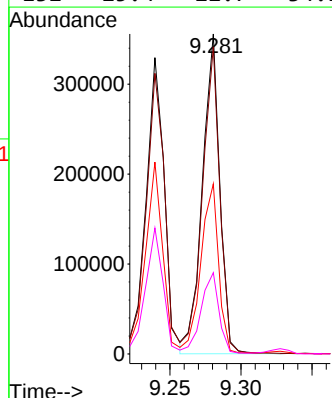
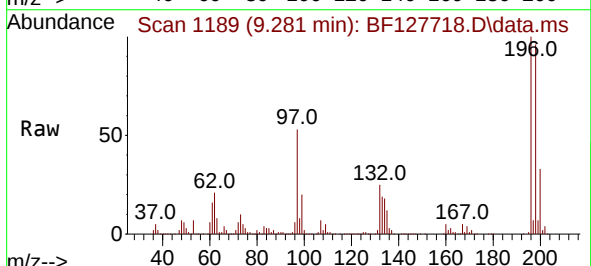
Ion Ratio Lower Upper

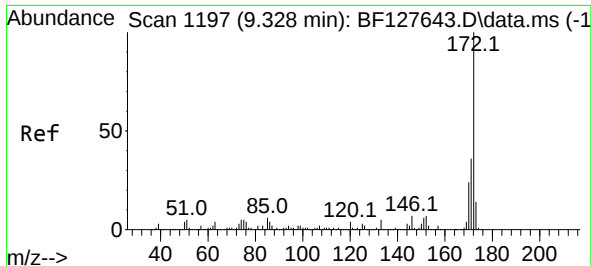
196 100

198 96.0 75.3 112.9

97 53.2 46.8 70.2

132 25.4 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 58.913 ng

RT: 9.328 min Scan# 1197

Delta R.T. -0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

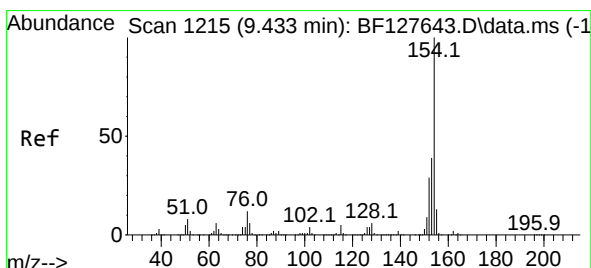
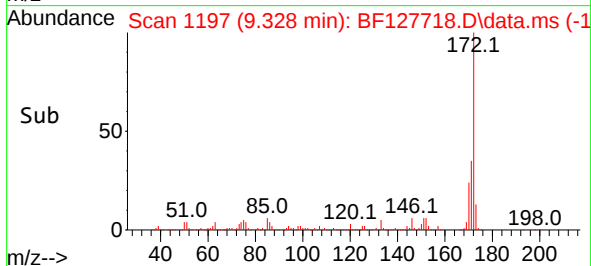
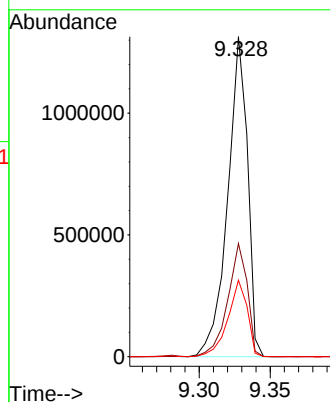
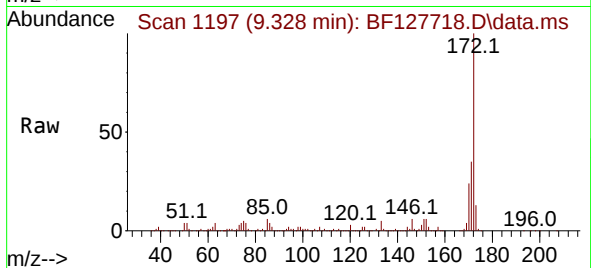
Tgt Ion:172 Resp: 1273300

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.9 18.6 27.8



#46

1,1'-Biphenyl

Concen: 43.374 ng

RT: 9.433 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

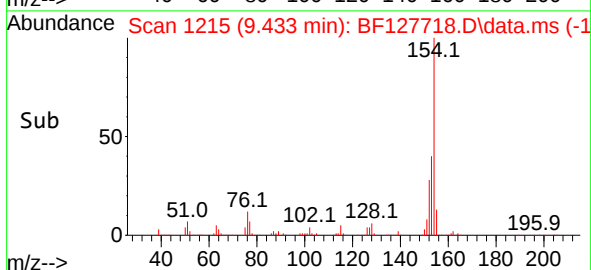
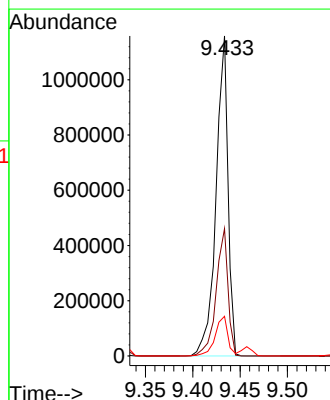
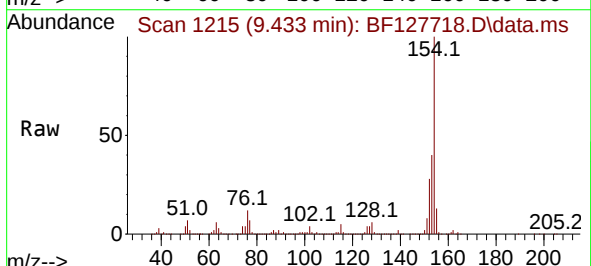
Tgt Ion:154 Resp: 1014246

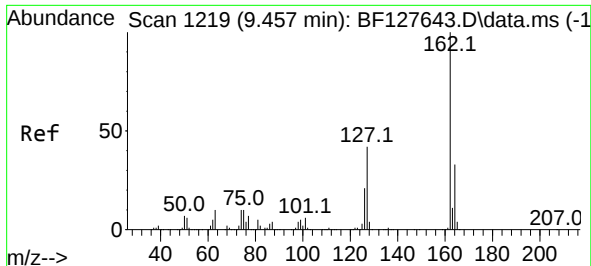
Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 12.4 0.0 33.9

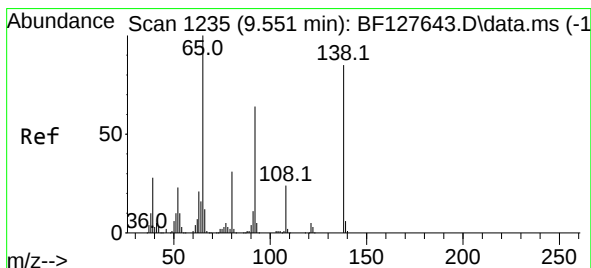
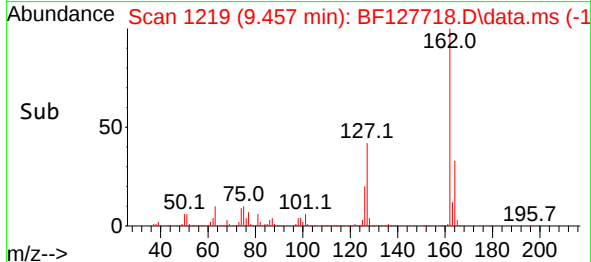
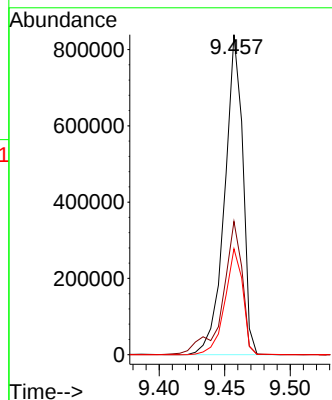
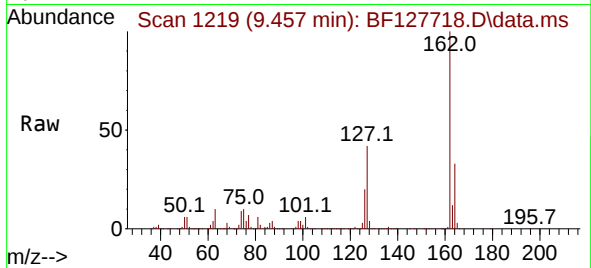




#47
2-Chloronaphthalene
Concen: 43.308 ng
RT: 9.457 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

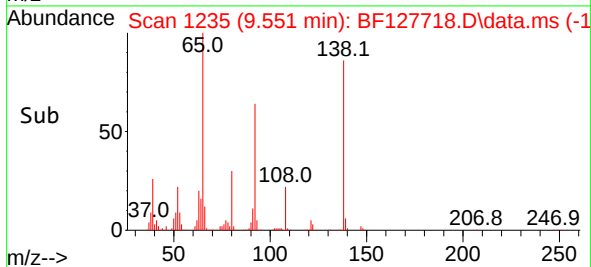
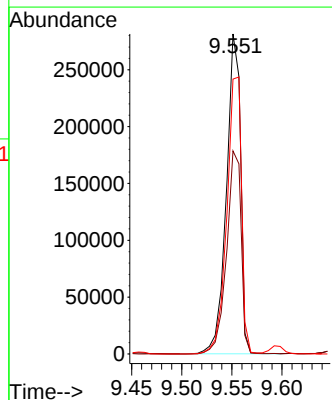
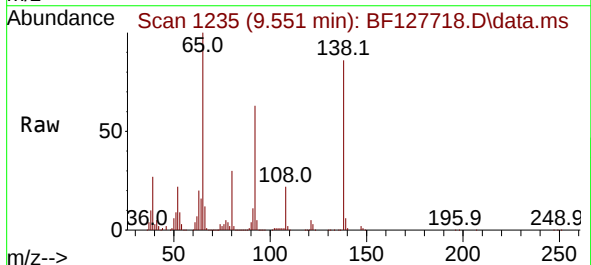
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

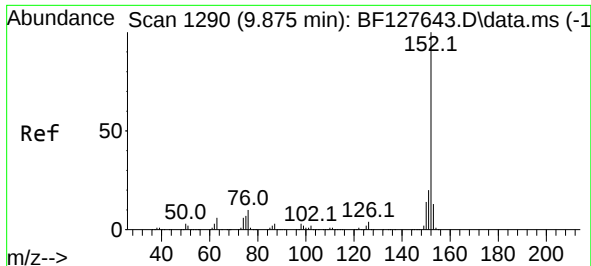
Tgt Ion:162 Resp: 804779
Ion Ratio Lower Upper
162 100
127 41.6 31.8 47.6
164 33.1 26.4 39.6



#48
2-Nitroaniline
Concen: 47.737 ng
RT: 9.551 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion: 65 Resp: 275508
Ion Ratio Lower Upper
65 100
92 63.5 50.0 75.0
138 85.9 64.1 96.1





#49

Acenaphthylene

Concen: 45.584 ng

RT: 9.880 min Scan# 1291

Delta R.T. 0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

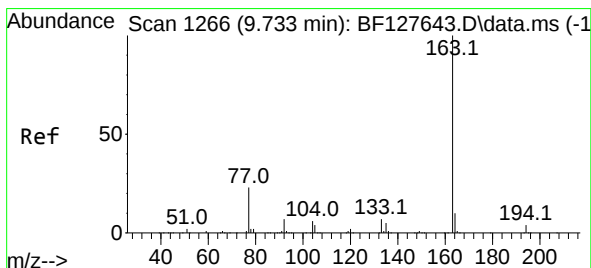
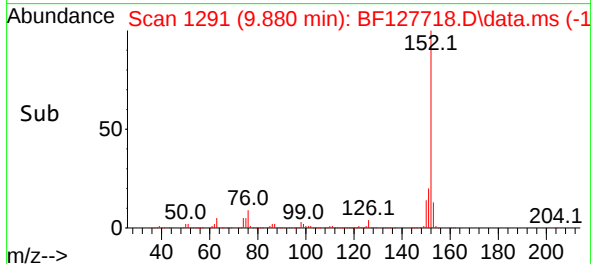
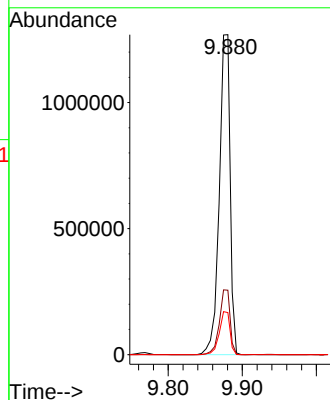
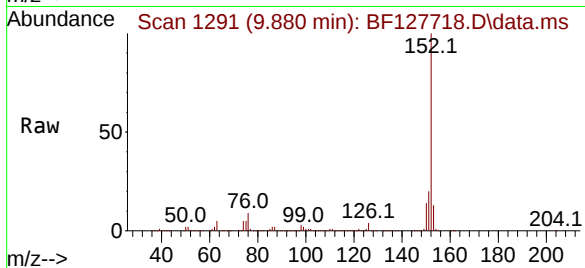
Tgt Ion:152 Resp: 1288428

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 42.990 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

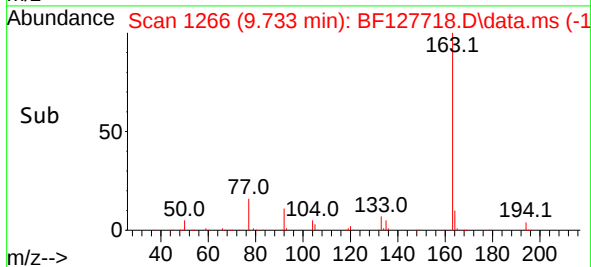
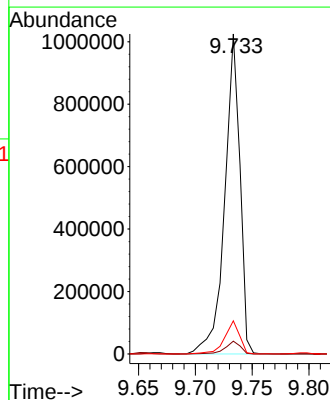
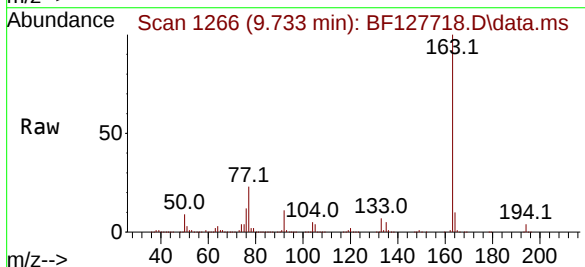
Tgt Ion:163 Resp: 952786

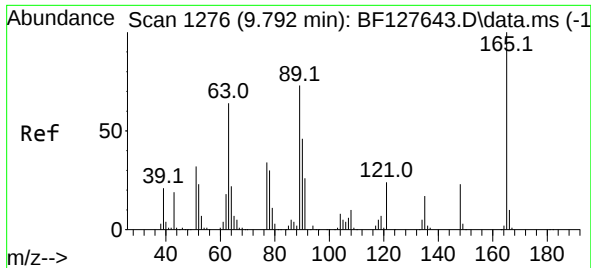
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.4 7.8 11.8

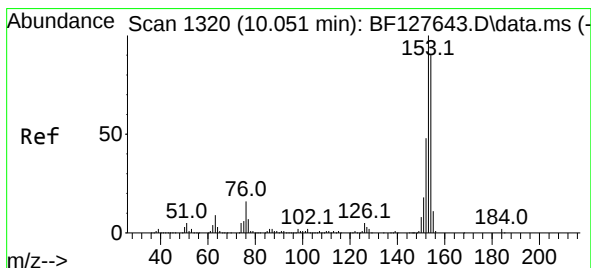
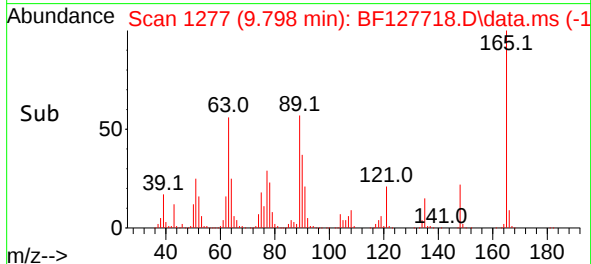
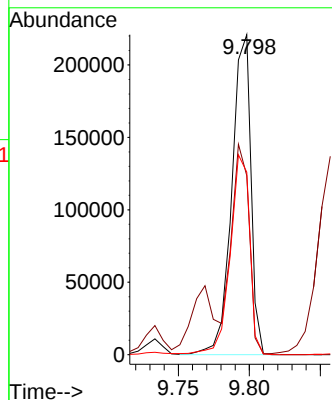
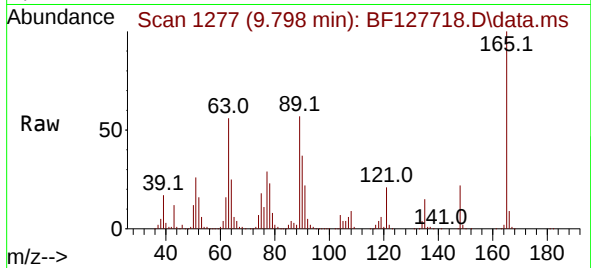




#51
2,6-Dinitrotoluene
Concen: 49.610 ng
RT: 9.798 min Scan# 1277
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

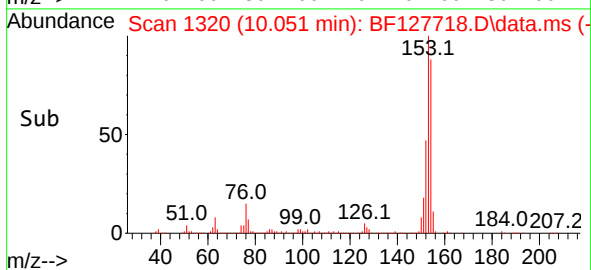
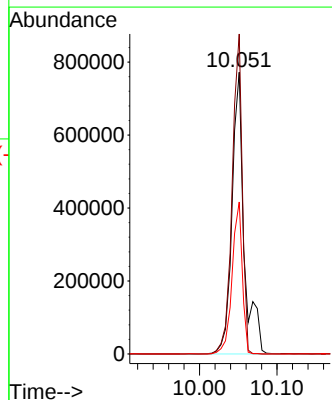
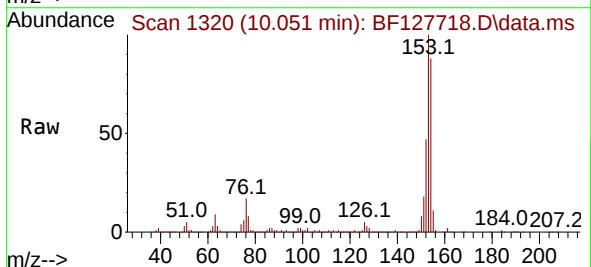
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

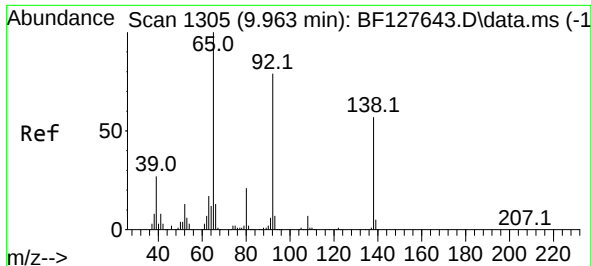
Tgt Ion:165 Resp: 207250
Ion Ratio Lower Upper
165 100
63 55.9 58.3 87.5#
89 57.1 51.5 77.3



#52
Acenaphthene
Concen: 47.304 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:154 Resp: 842375
Ion Ratio Lower Upper
154 100
153 113.5 87.6 131.4
152 53.9 42.9 64.3

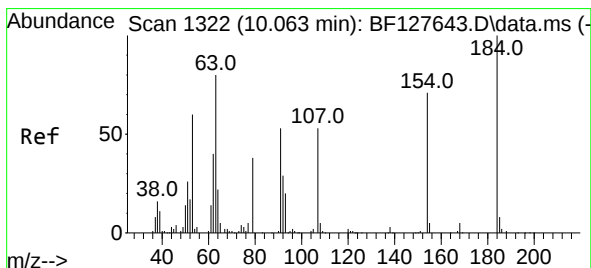
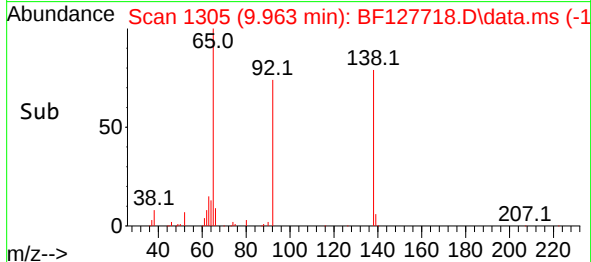
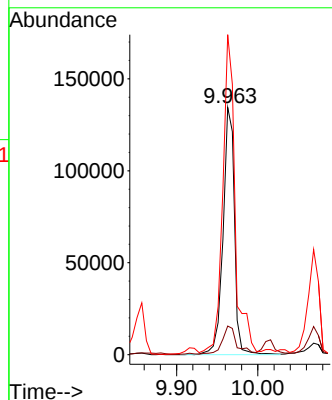
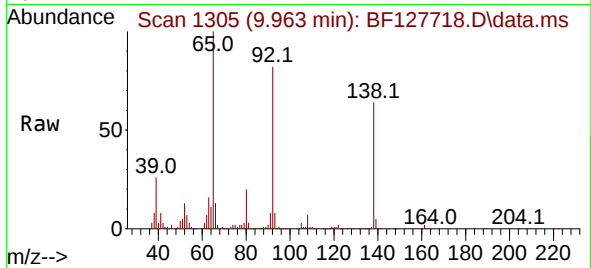




#53
3-Nitroaniline
Concen: 29.788 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

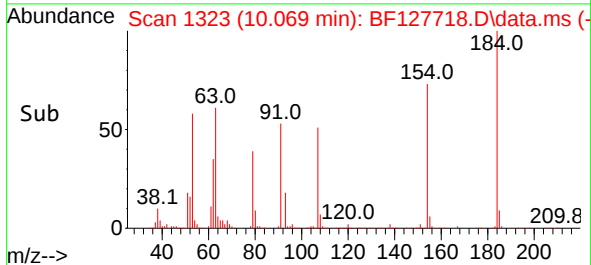
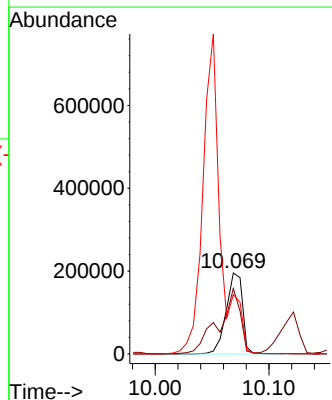
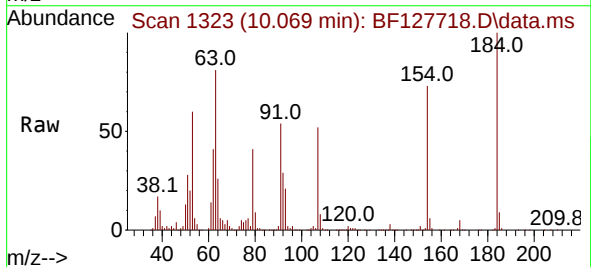
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

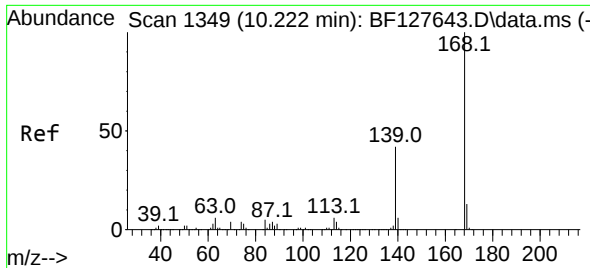
Tgt Ion:138 Resp: 131467
Ion Ratio Lower Upper
138 100
108 11.6 9.4 14.0
92 129.5 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 93.849 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:184 Resp: 196359
Ion Ratio Lower Upper
184 100
63 80.8 58.1 87.1
154 73.3 53.2 79.8

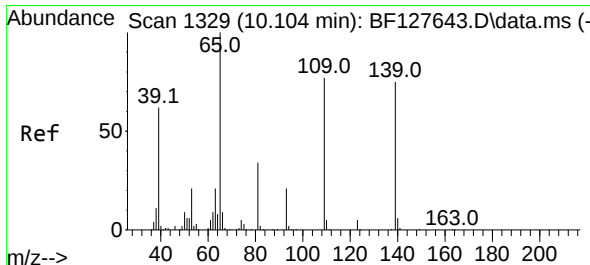
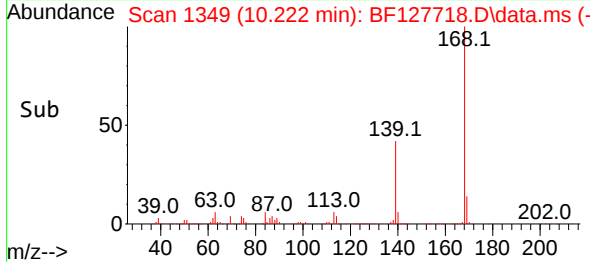
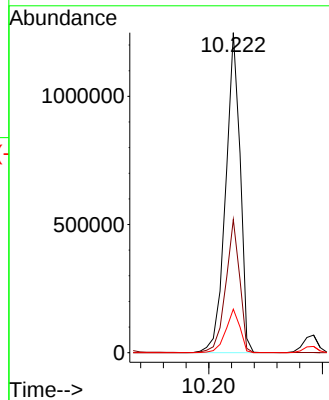
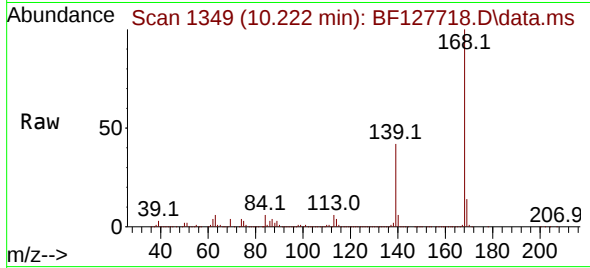




#55
Dibenzenofuran
Concen: 42.470 ng
RT: 10.222 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

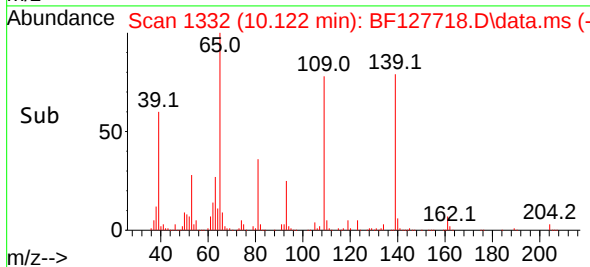
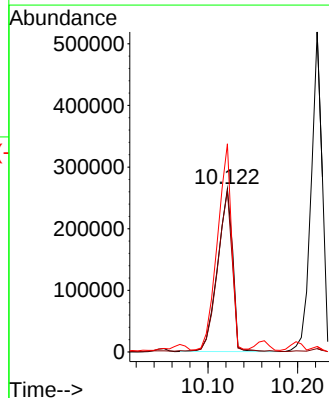
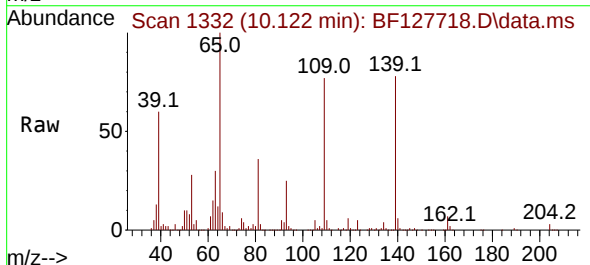
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

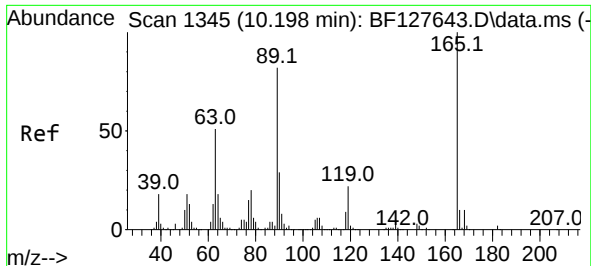
Tgt Ion:168 Resp: 1103631
Ion Ratio Lower Upper
168 100
139 41.6 30.3 45.5
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 88.704 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.018 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:139 Resp: 307492
Ion Ratio Lower Upper
139 100
109 98.8 64.3 104.3
65 127.6 117.5 157.5

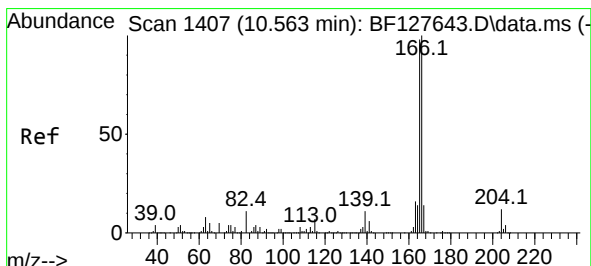
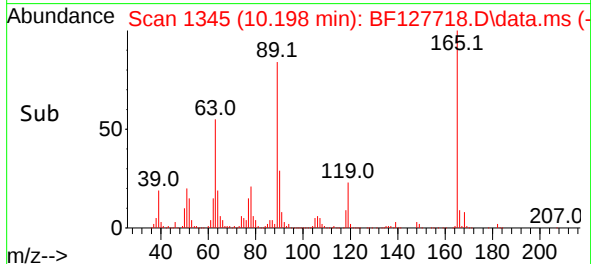
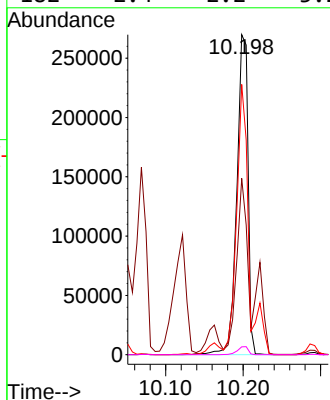
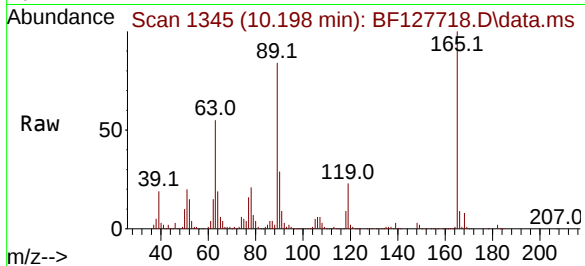




#57
2,4-Dinitrotoluene
Concen: 52.723 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

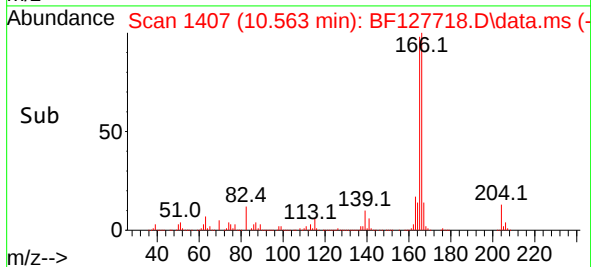
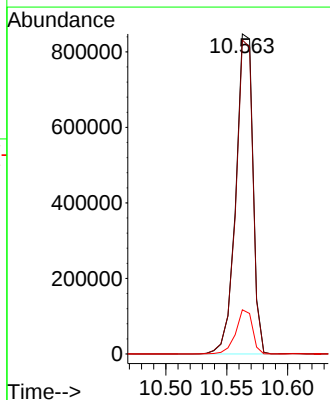
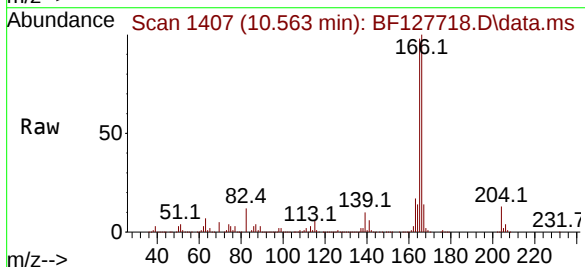
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

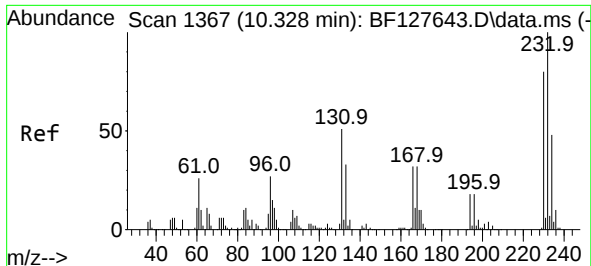
Tgt Ion:165 Resp: 273072
Ion Ratio Lower Upper
165 100
63 55.1 53.1 79.7
89 84.5 69.2 103.8
182 2.4 2.2 3.2



#58
Fluorene
Concen: 43.090 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:166 Resp: 827330
Ion Ratio Lower Upper
166 100
165 98.1 78.1 117.1
167 13.8 10.5 15.7

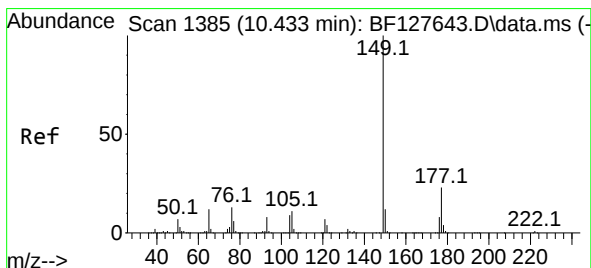
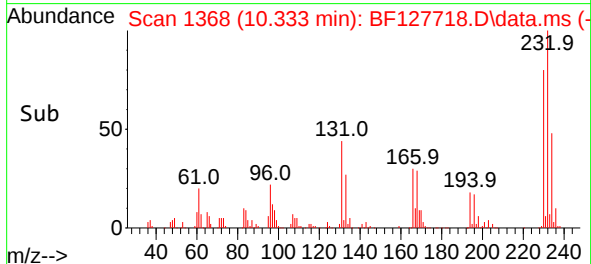
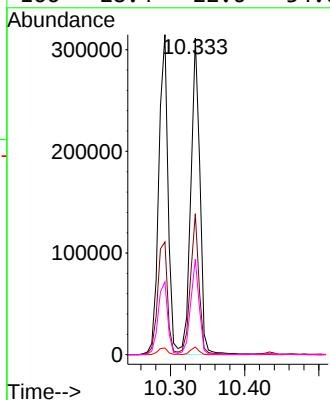
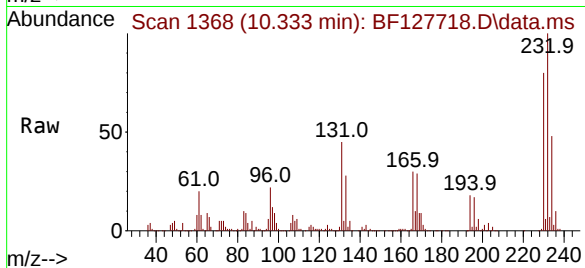




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.101 ng
RT: 10.333 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

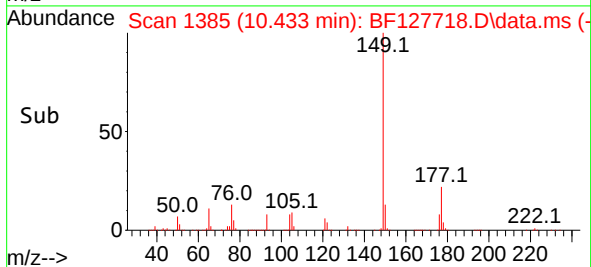
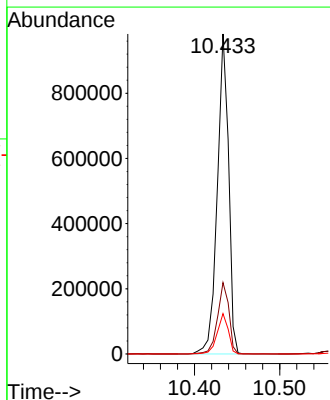
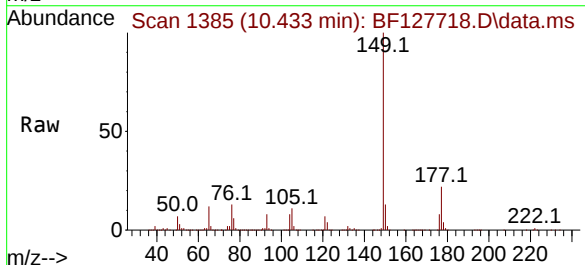
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

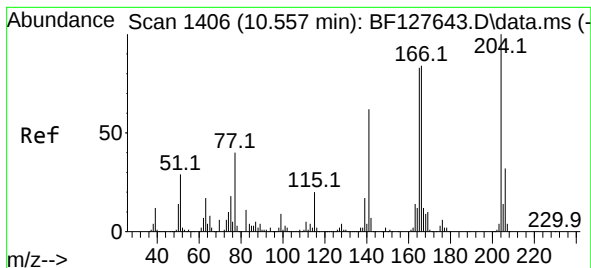
Tgt Ion:232 Resp: 264013
Ion Ratio Lower Upper
232 100
131 42.4 33.4 50.0
130 2.3 1.8 2.6
166 28.4 22.6 34.0



#60
Diethylphthalate
Concen: 42.399 ng
RT: 10.433 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:149 Resp: 899202
Ion Ratio Lower Upper
149 100
177 22.3 18.9 28.3
150 12.6 10.0 15.0

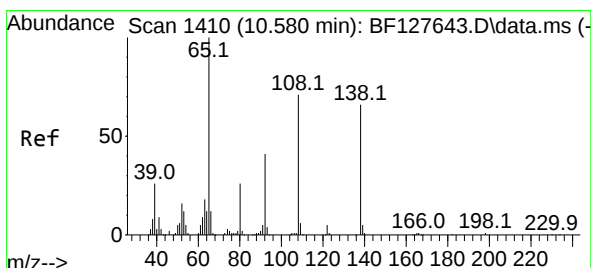
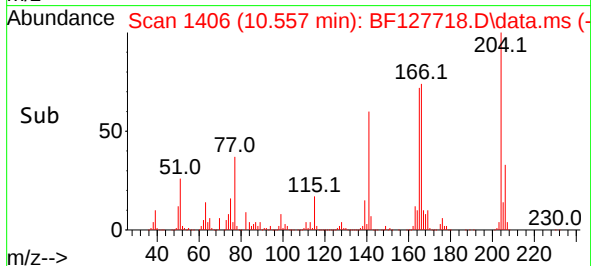
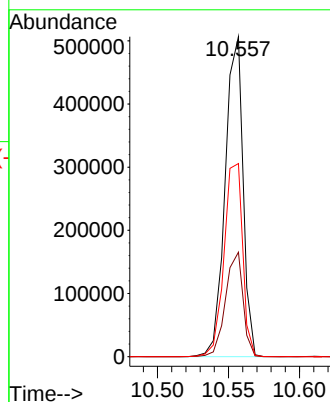
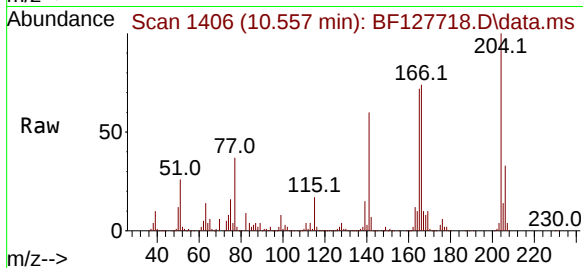




#61
4-Chlorophenyl-phenylether
Concen: 41.970 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

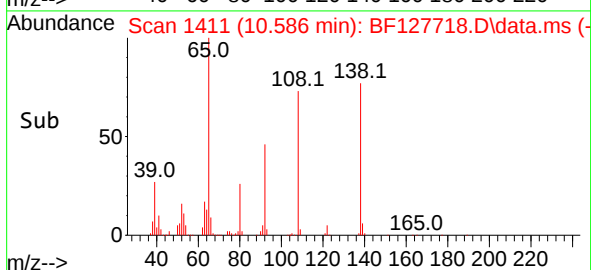
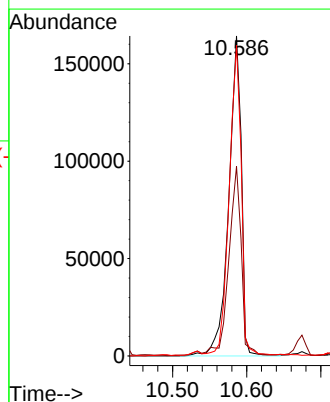
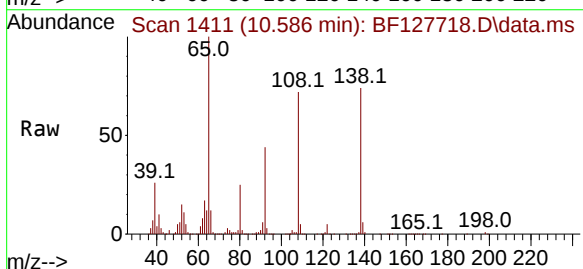
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

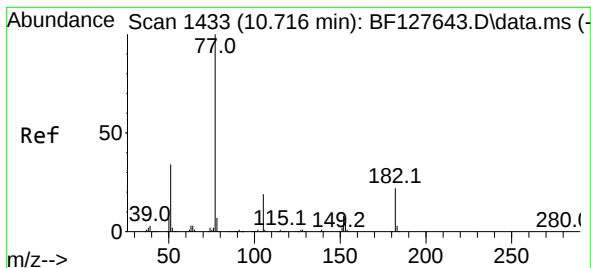
Tgt Ion:204 Resp: 442773
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 60.4 47.8 71.8



#62
4-Nitroaniline
Concen: 46.671 ng
RT: 10.586 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:138 Resp: 193990
Ion Ratio Lower Upper
138 100
92 59.3 40.5 80.5
108 97.2 69.2 109.2





#63

Azobenzene

Concen: 39.579 ng

RT: 10.716 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

Tgt Ion: 77 Resp: 937961

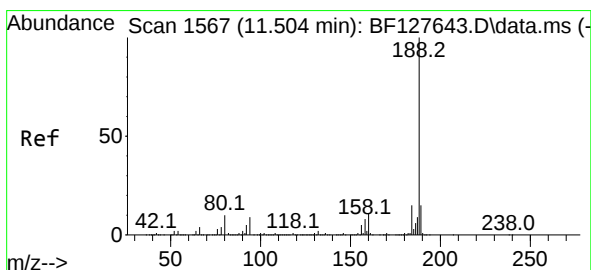
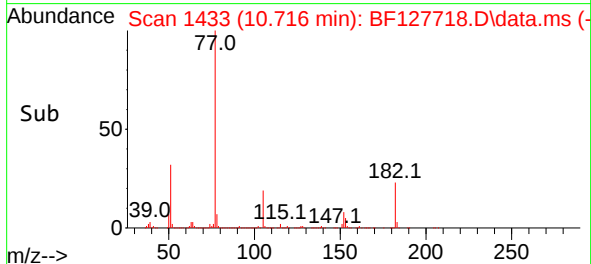
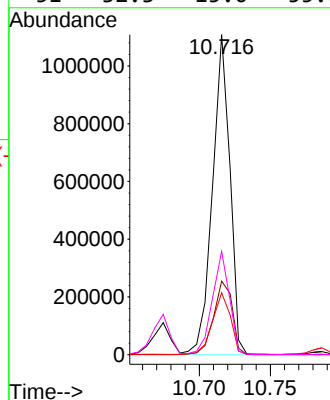
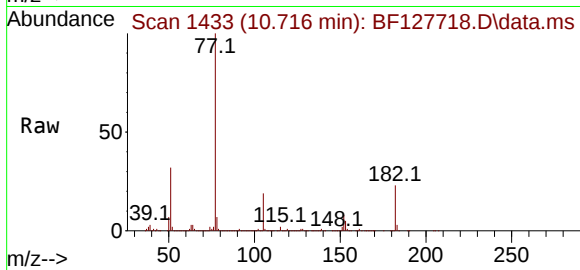
Ion Ratio Lower Upper

77 100

182 23.0 4.5 44.5

105 19.3 0.3 40.3

51 32.3 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

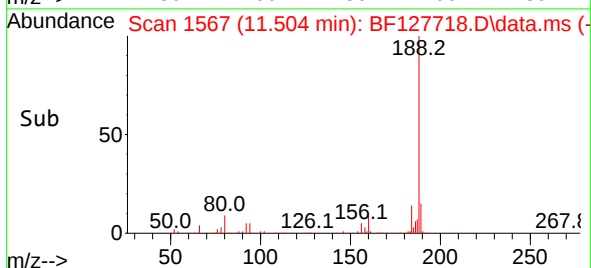
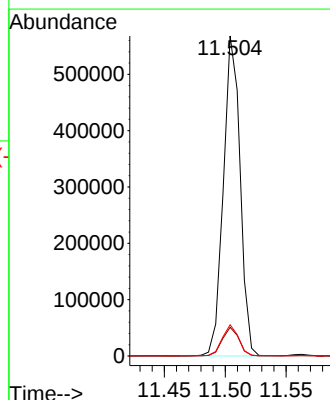
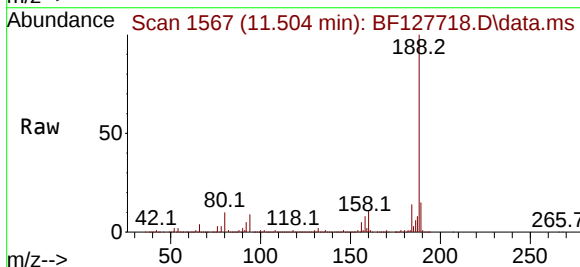
Tgt Ion: 188 Resp: 544389

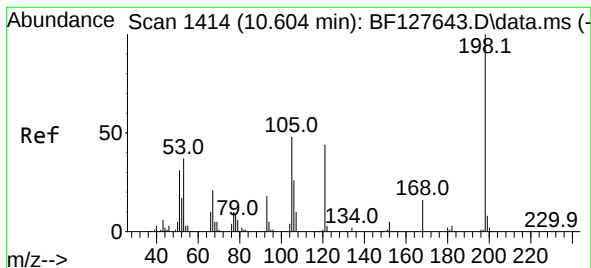
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

80 9.7 8.0 12.0

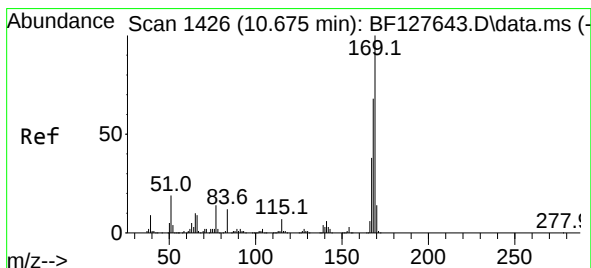
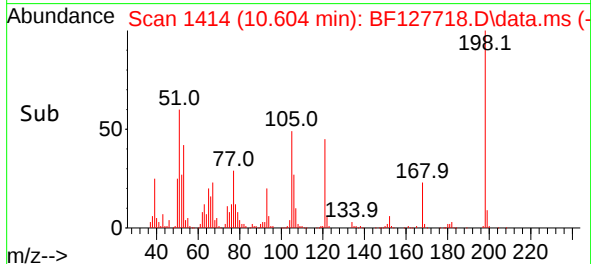
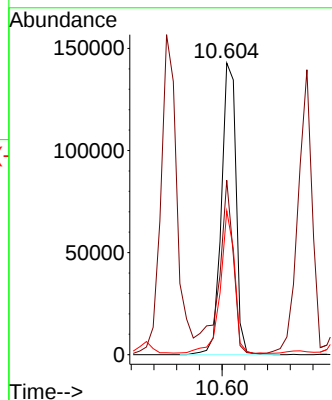
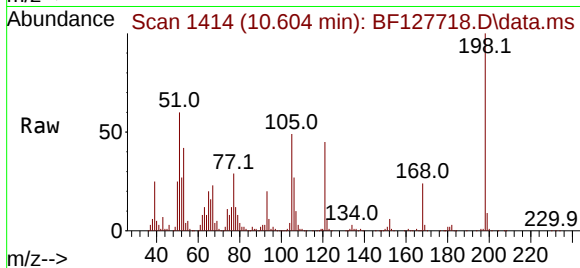




#65
4,6-Dinitro-2-methylphenol
Concen: 48.803 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

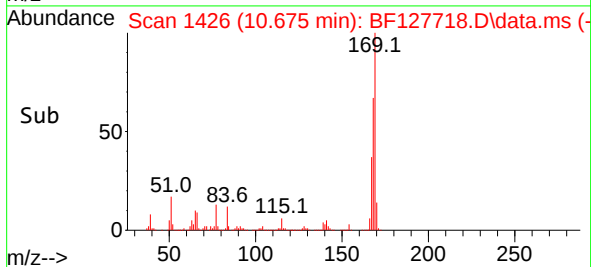
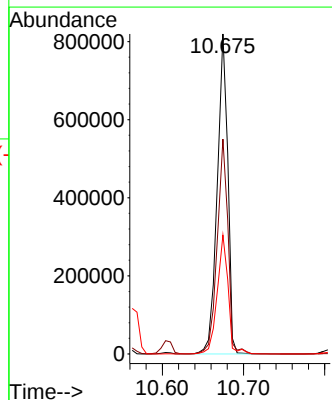
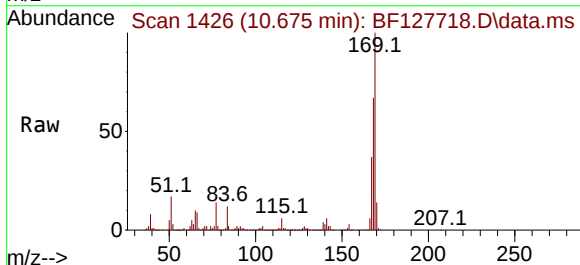
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

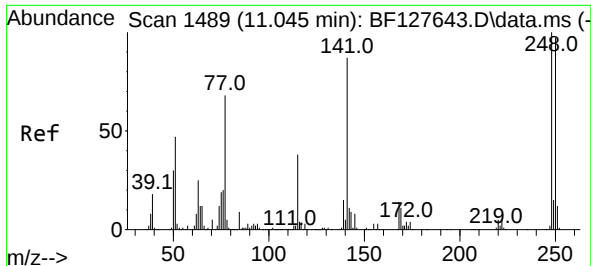
Tgt Ion:198 Resp: 128322
Ion Ratio Lower Upper
198 100
51 59.8 42.7 82.7
105 49.4 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 43.192 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:169 Resp: 740533
Ion Ratio Lower Upper
169 100
168 67.1 52.7 79.1
167 37.1 28.9 43.3

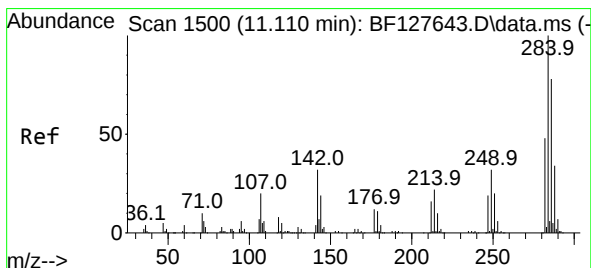
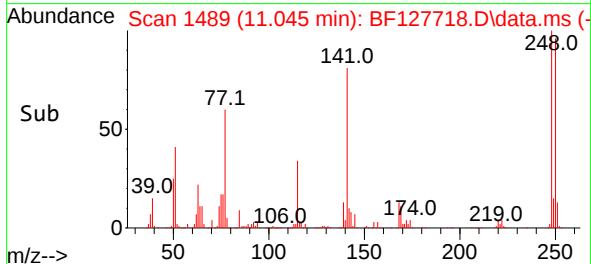
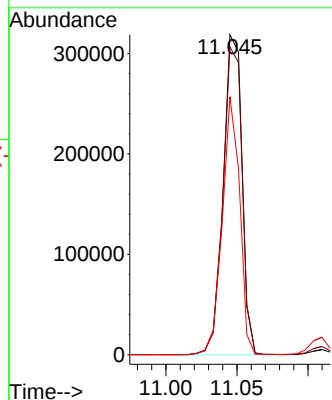
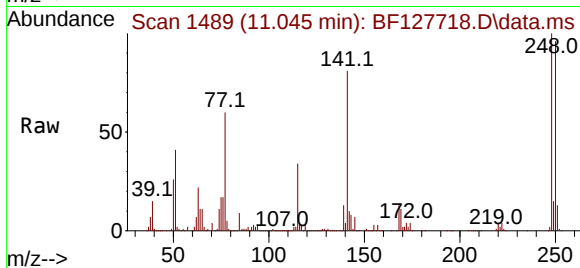




#67
4-Bromophenyl-phenylether
Concen: 44.414 ng
RT: 11.045 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

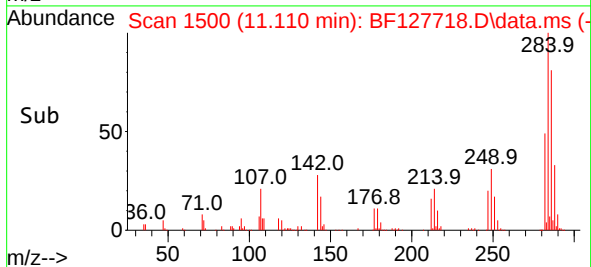
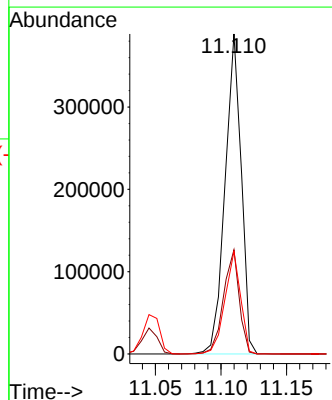
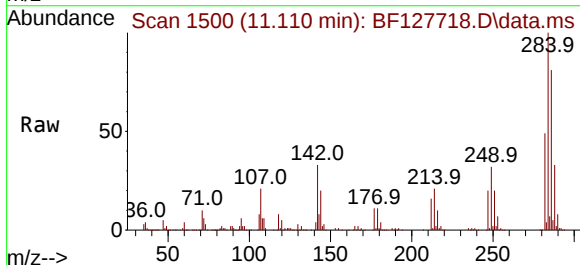
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

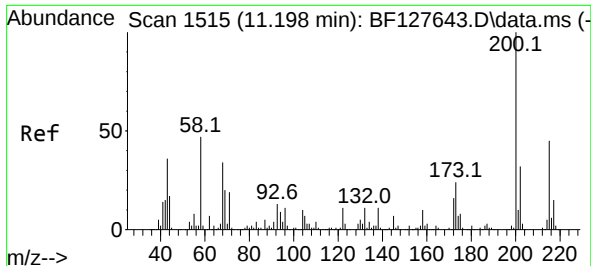
Tgt Ion:248 Resp: 293442
Ion Ratio Lower Upper
248 100
250 96.2 76.6 115.0
141 80.6 52.2 78.2#



#68
Hexachlorobenzene
Concen: 45.940 ng
RT: 11.110 min Scan# 1500
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:284 Resp: 331796
Ion Ratio Lower Upper
284 100
142 32.6 23.8 35.8
249 32.0 23.9 35.9

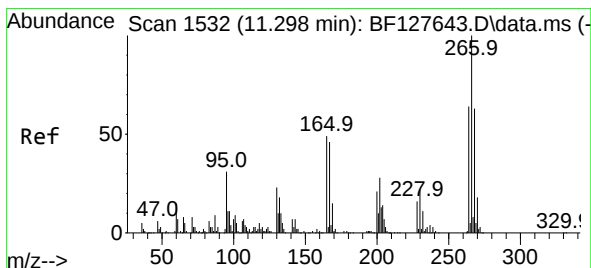
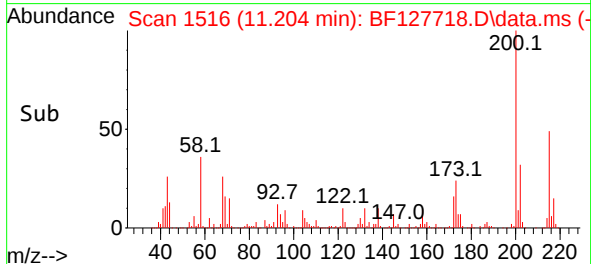
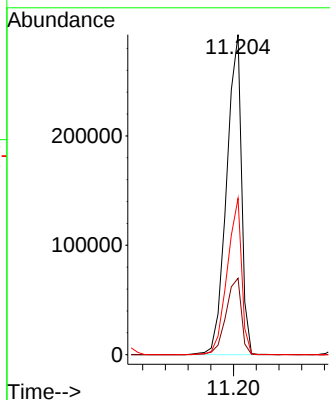
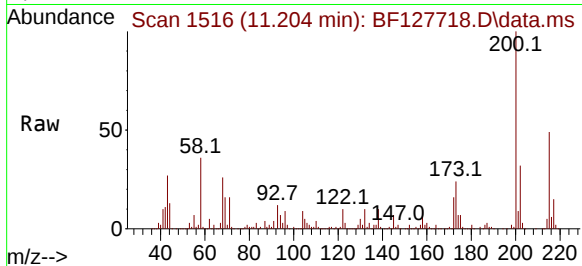




#69
 Atrazine
 Concen: 46.923 ng
 RT: 11.204 min Scan# 1516
 Delta R.T. 0.006 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

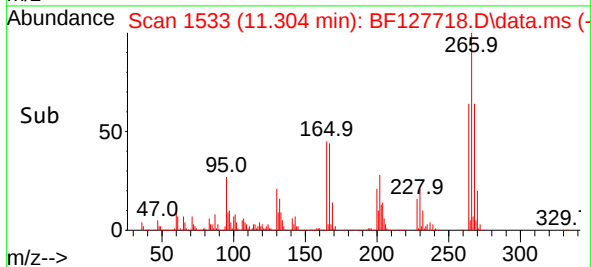
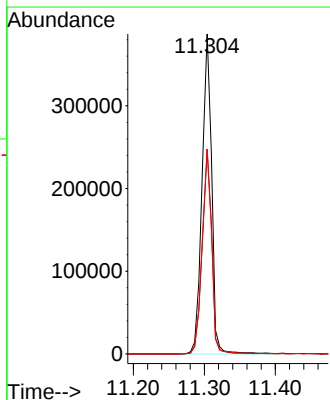
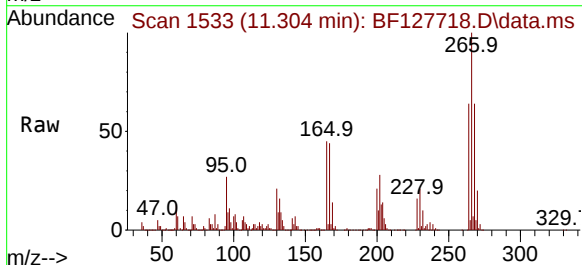
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MS

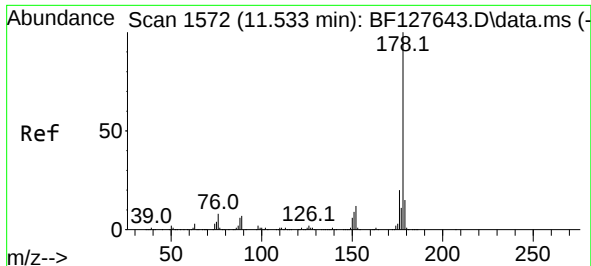
Tgt Ion:200 Resp: 267294
 Ion Ratio Lower Upper
 200 100
 173 23.9 2.9 42.9
 215 48.9 28.0 68.0



#70
 Pentachlorophenol
 Concen: 85.108 ng
 RT: 11.304 min Scan# 1533
 Delta R.T. 0.006 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

Tgt Ion:266 Resp: 367119
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.4 75.6
 264 64.0 48.5 72.7

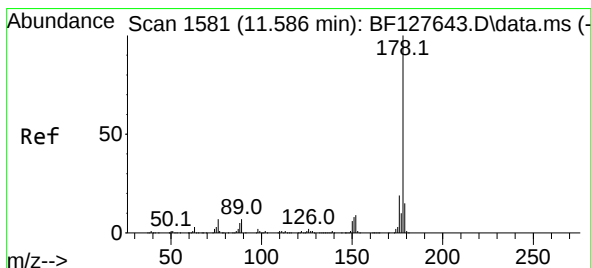
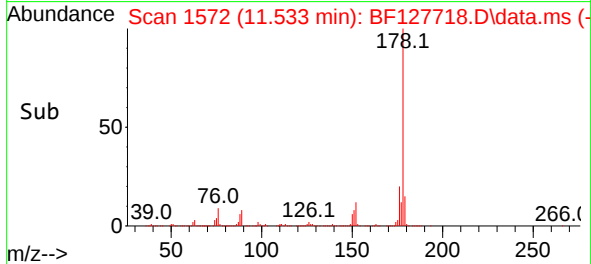
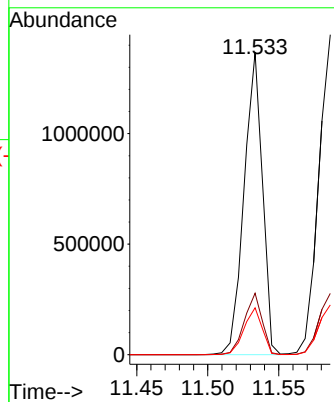
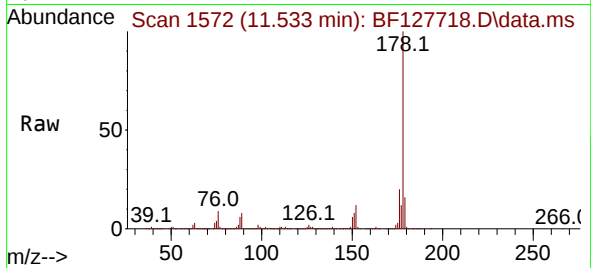




#71
Phenanthrene
Concen: 42.708 ng
RT: 11.533 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

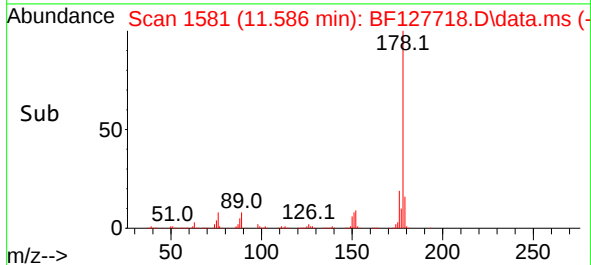
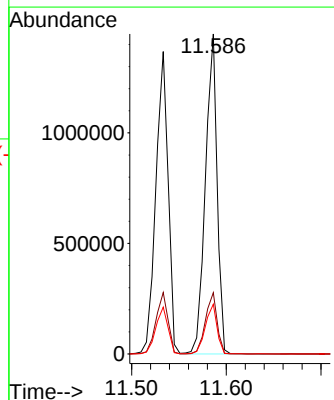
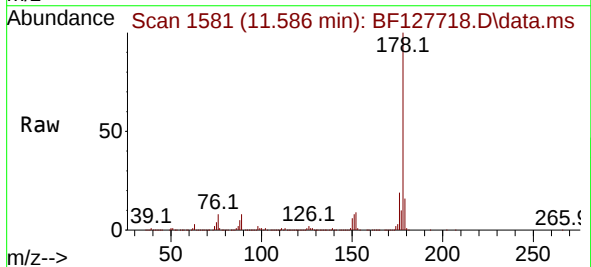
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

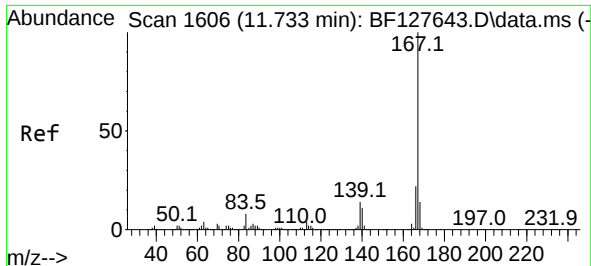
Tgt Ion:178 Resp: 1231863
Ion Ratio Lower Upper
178 100
176 20.3 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.426 ng
RT: 11.586 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:178 Resp: 1238997
Ion Ratio Lower Upper
178 100
176 19.2 14.6 22.0
179 15.6 12.4 18.6

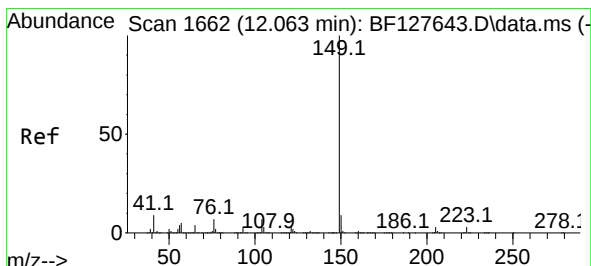
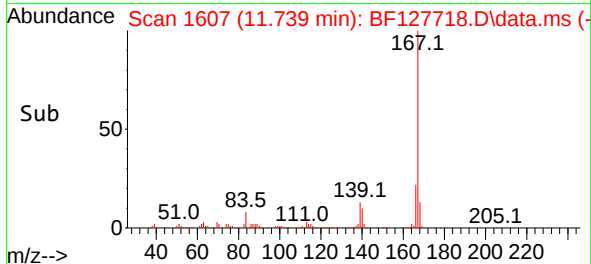
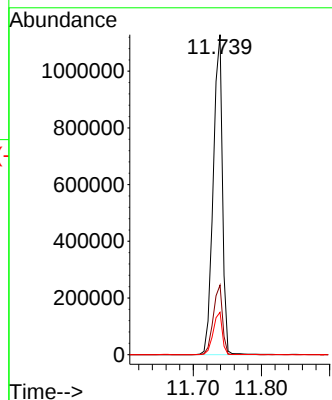
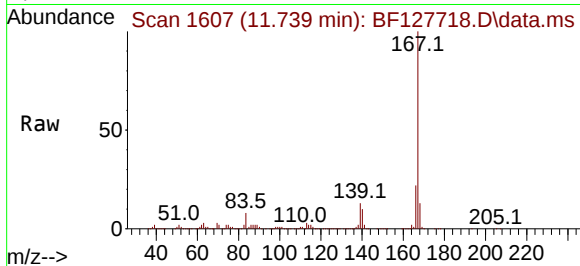




#73
Carbazole
Concen: 39.802 ng
RT: 11.739 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

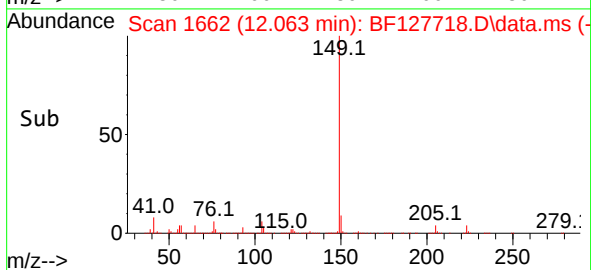
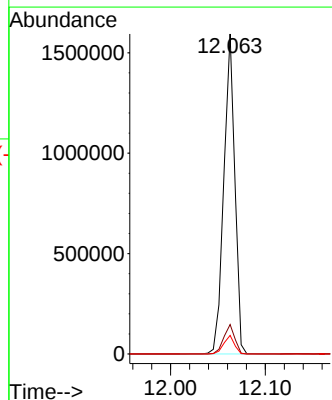
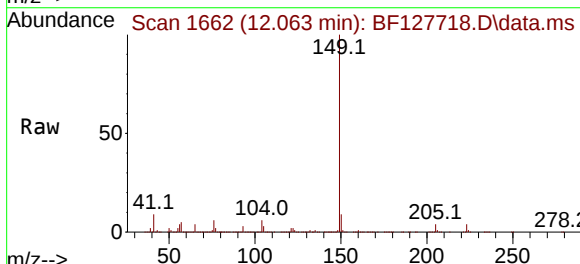
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

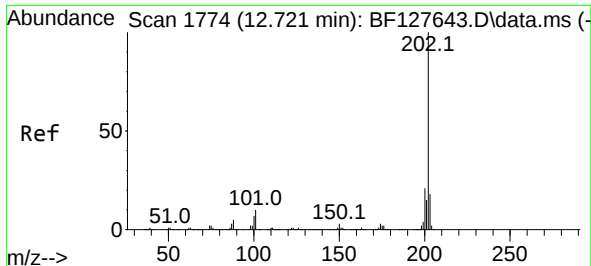
Tgt Ion:167 Resp: 1064091
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.4
139 13.3 10.5 15.7



#74
Di-n-butylphthalate
Concen: 40.415 ng
RT: 12.063 min Scan# 1662
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:149 Resp: 1291629
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.8 4.2 6.2

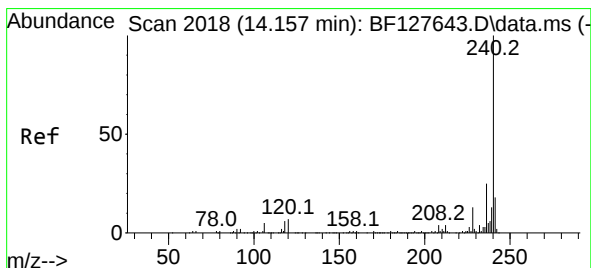
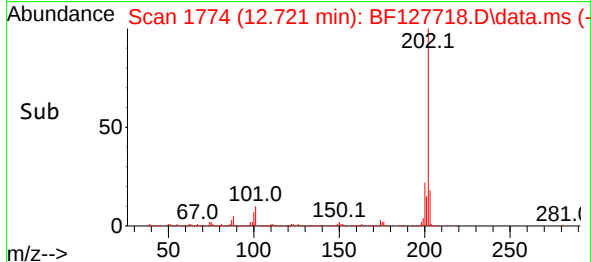
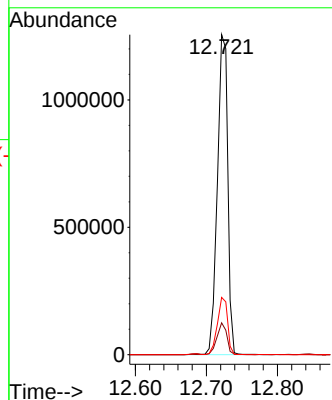
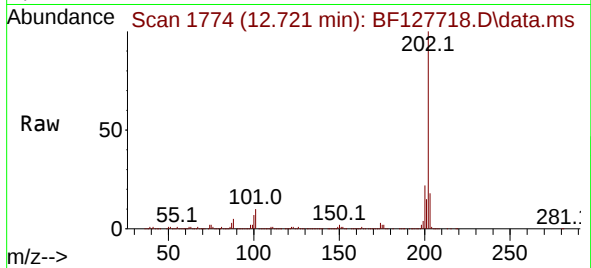




#75
Fluoranthene
Concen: 40.457 ng
RT: 12.721 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

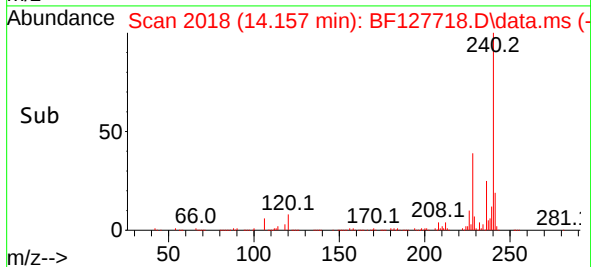
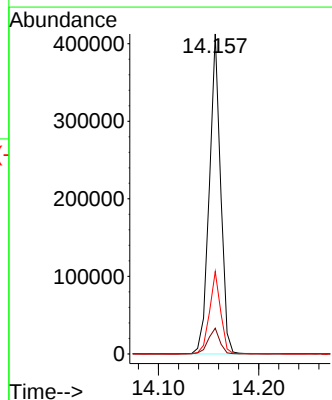
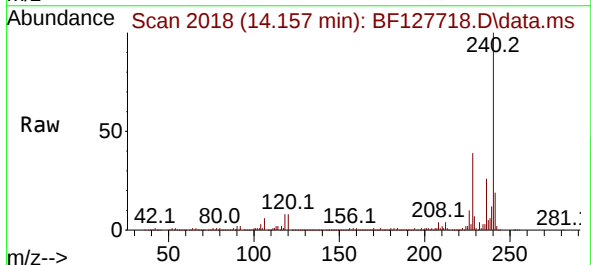
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

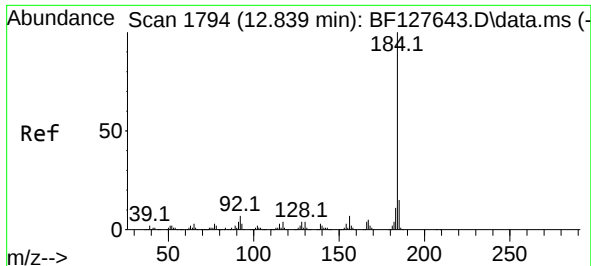
Tgt Ion:202 Resp: 1273373
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.0
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:240 Resp: 324028
Ion Ratio Lower Upper
240 100
120 8.1 7.1 10.7
236 25.8 20.7 31.1

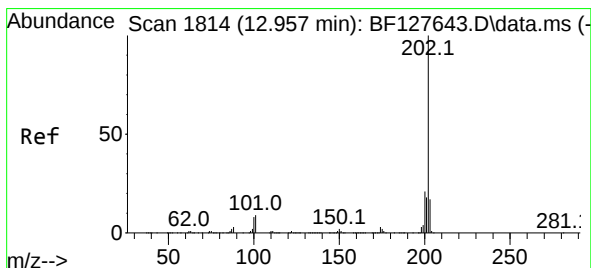
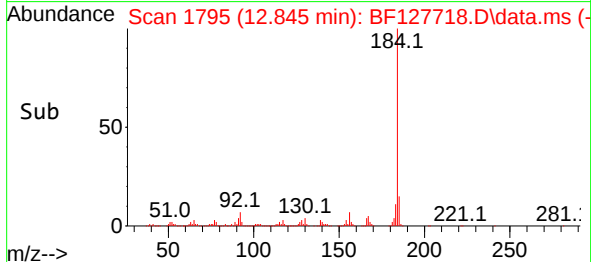
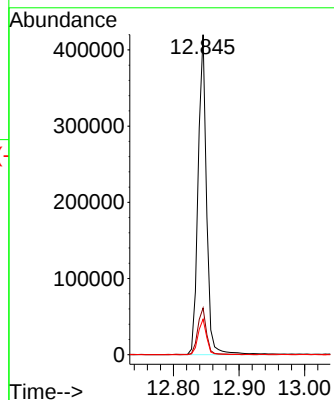
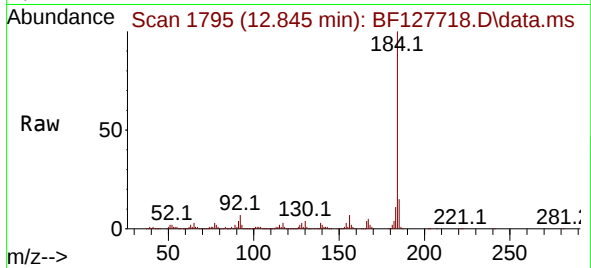




#77
Benzidine
Concen: 44.566 ng
RT: 12.845 min Scan# 1794
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

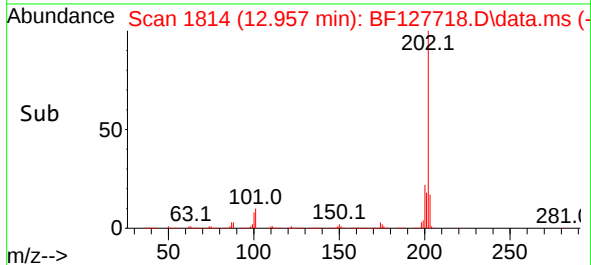
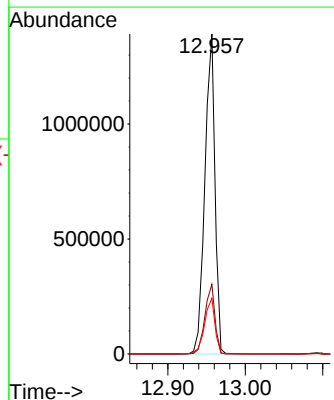
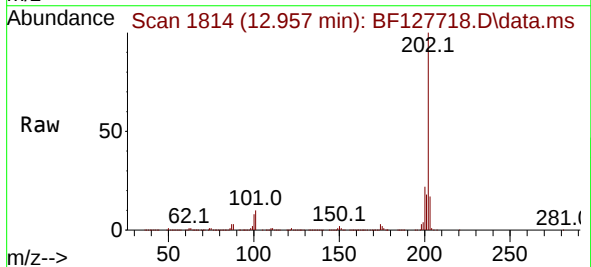
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

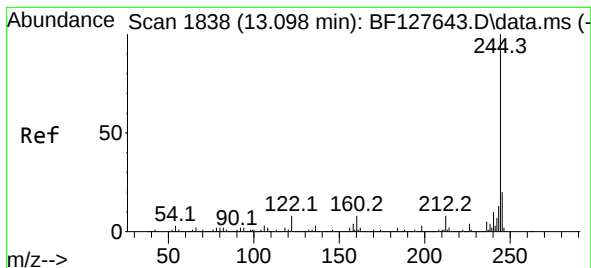
Tgt Ion:184 Resp: 376910
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.2
183 11.1 9.4 14.0



#78
Pyrene
Concen: 46.055 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:202 Resp: 1260141
Ion Ratio Lower Upper
202 100
200 21.7 17.1 25.7
203 17.4 14.3 21.5





#79

Terphenyl-d14

Concen: 60.428 ng

RT: 13.092 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

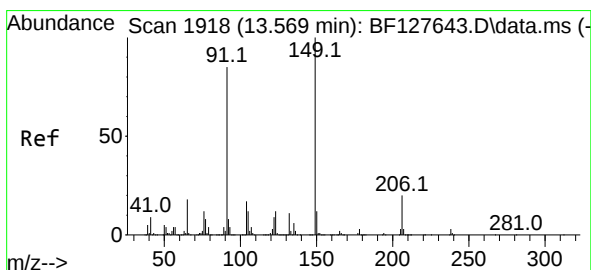
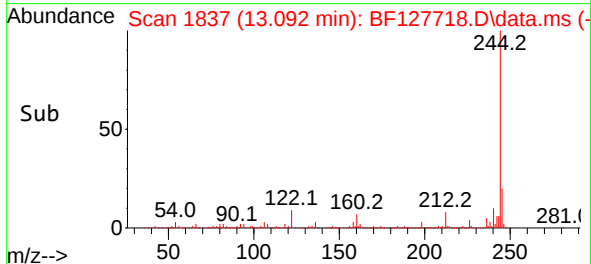
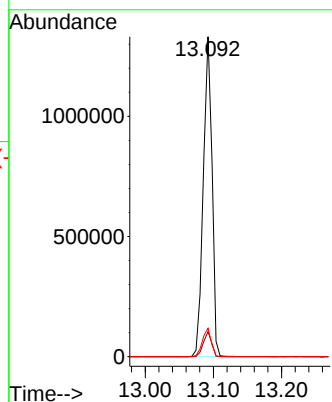
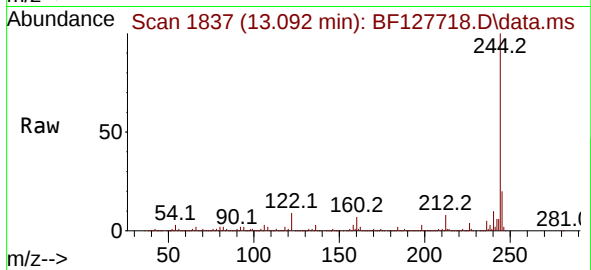
Tgt Ion:244 Resp: 1186250

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 8.9 6.2 9.2



#80

Butylbenzylphthalate

Concen: 44.171 ng

RT: 13.568 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

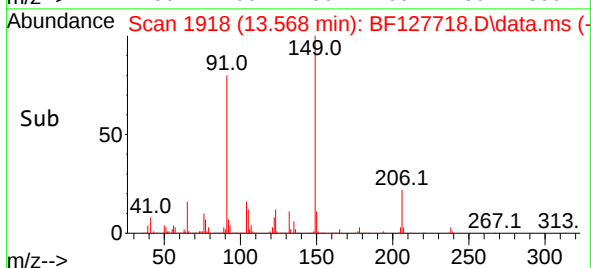
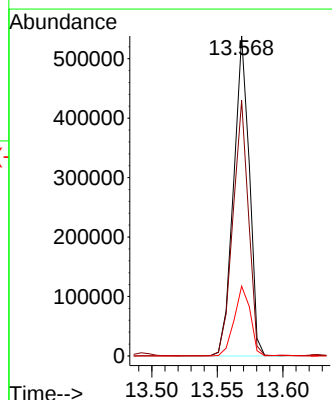
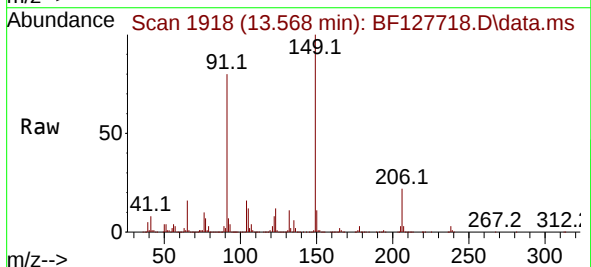
Tgt Ion:149 Resp: 450009

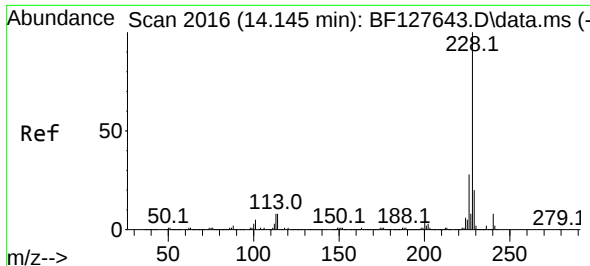
Ion Ratio Lower Upper

149 100

91 79.8 69.1 103.7

206 21.8 17.7 26.5

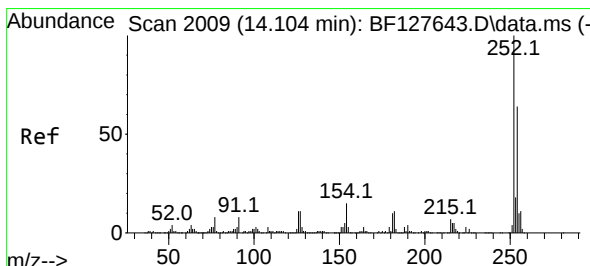
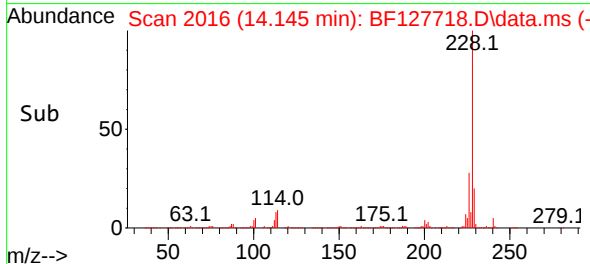
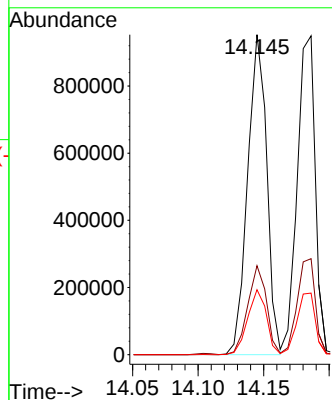
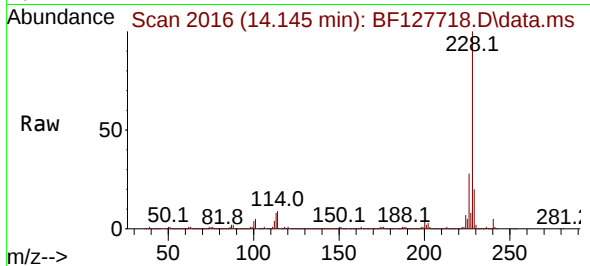




#81
Benzo(a)anthracene
Concen: 44.709 ng
RT: 14.145 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

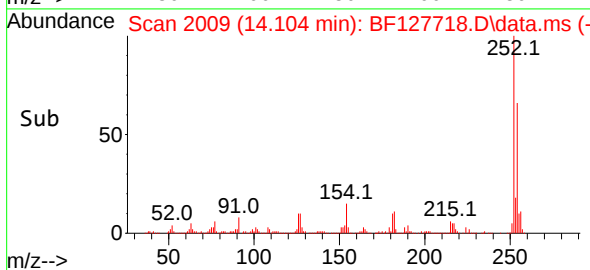
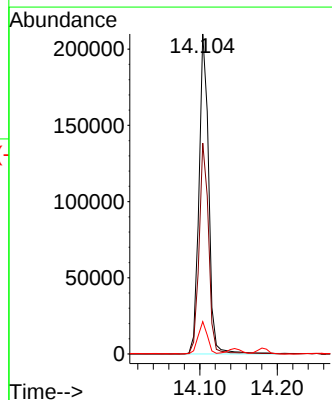
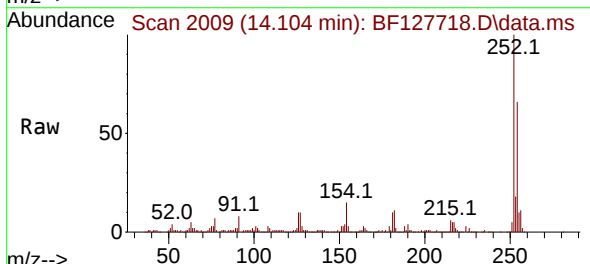
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

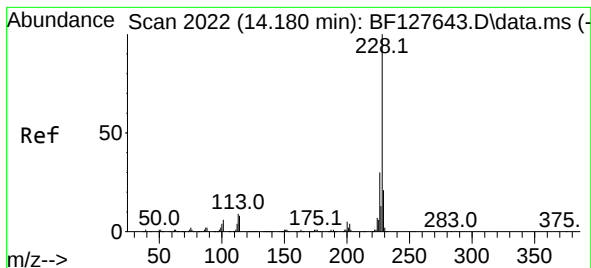
Tgt Ion:228 Resp: 967563
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.3 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 27.031 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:252 Resp: 182376
Ion Ratio Lower Upper
252 100
254 65.9 50.2 75.4
126 10.1 8.7 13.1





#83

Chrysene

Concen: 43.804 ng

RT: 14.186 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

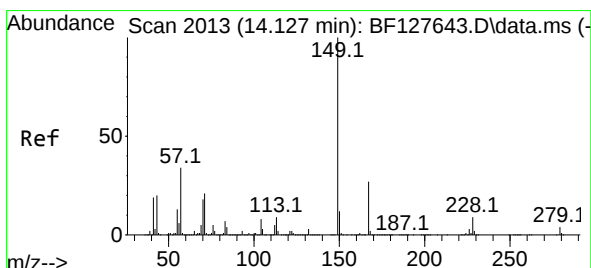
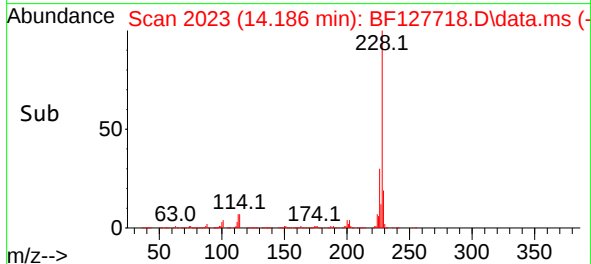
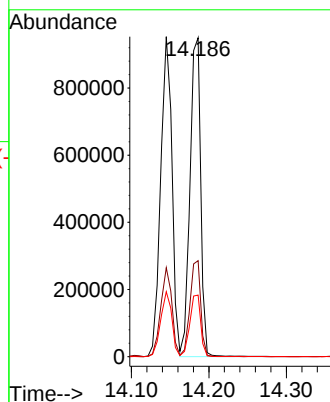
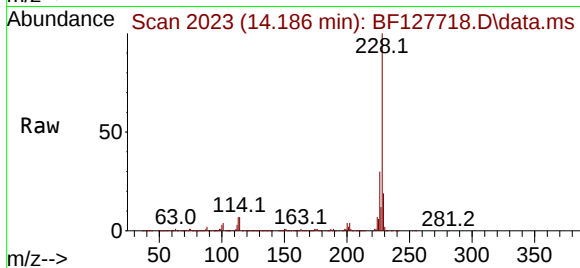
Tgt Ion:228 Resp: 909983

Ion Ratio Lower Upper

228 100

226 30.1 24.2 36.4

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.121 ng

RT: 14.127 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

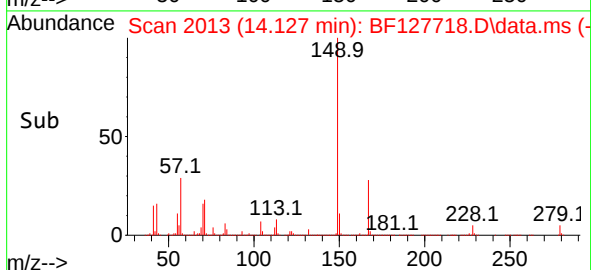
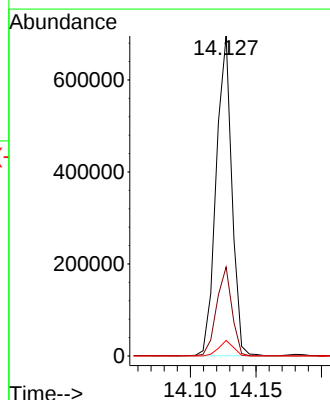
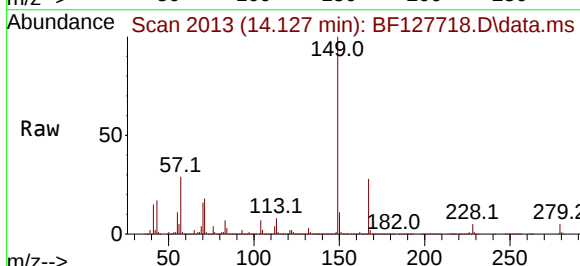
Tgt Ion:149 Resp: 576143

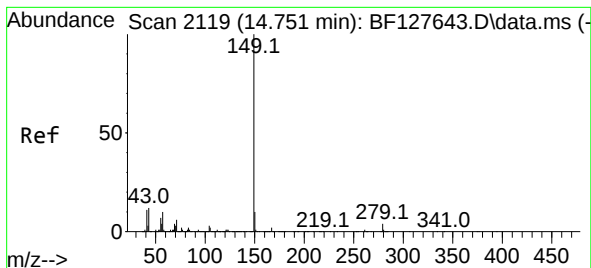
Ion Ratio Lower Upper

149 100

167 27.8 22.9 34.3

279 4.8 3.2 4.8#





#85

Di-n-octyl phthalate

Concen: 41.637 ng

RT: 14.751 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

Instrument :

BNA_F

ClientSampleId :

NORTH-3MS

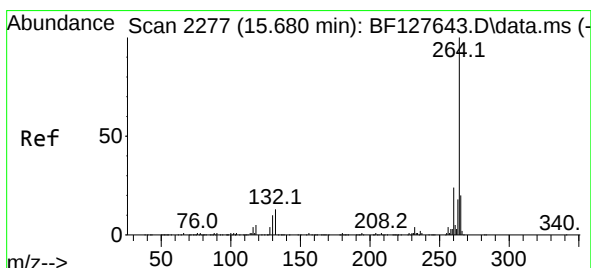
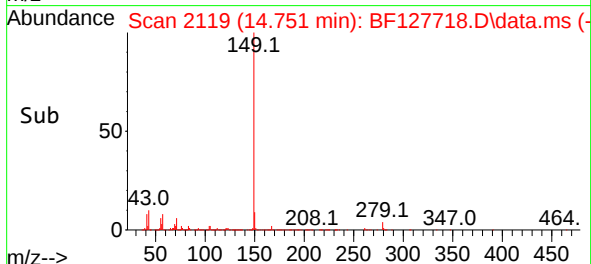
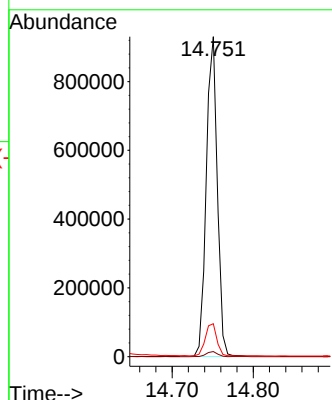
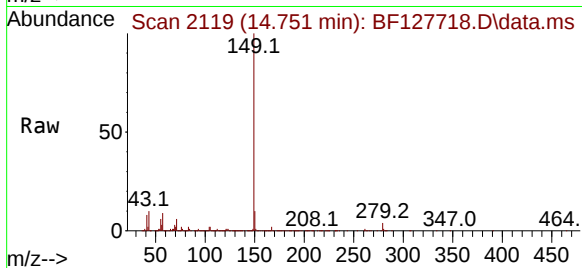
Tgt Ion:149 Resp: 874258

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.8 11.0 16.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.680 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF127718.D

Acq: 08 Apr 2022 17:26

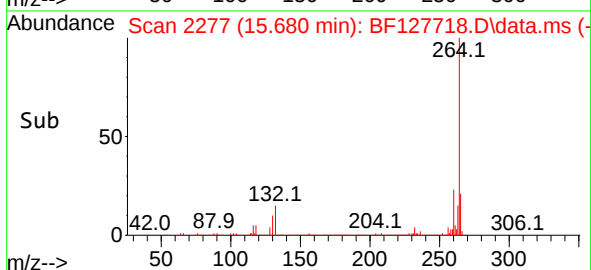
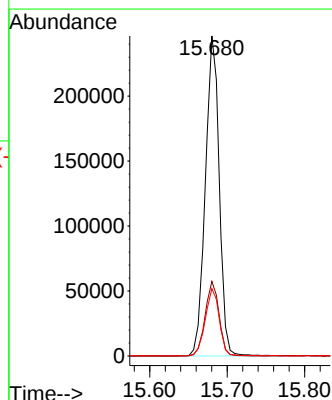
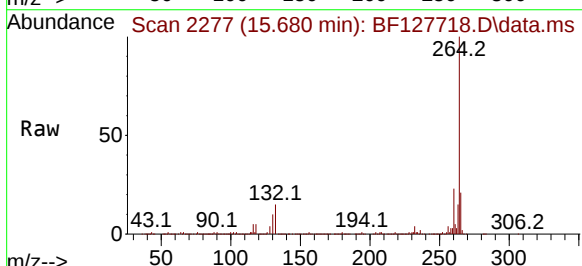
Tgt Ion:264 Resp: 306313

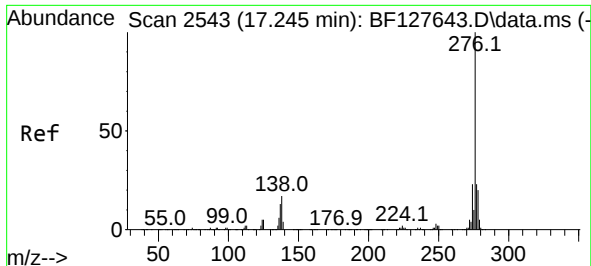
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.1 17.4 26.2

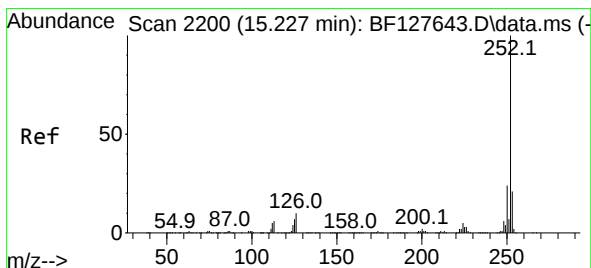
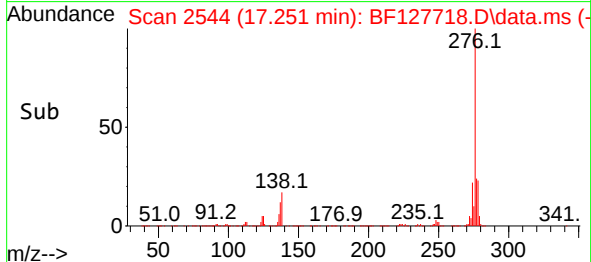
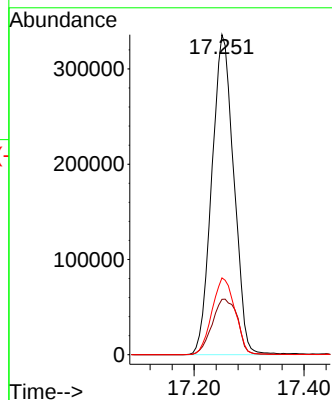
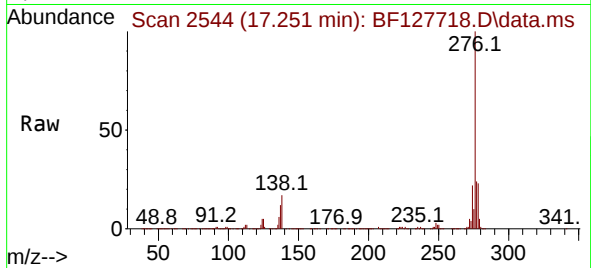




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.825 ng
 RT: 17.251 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

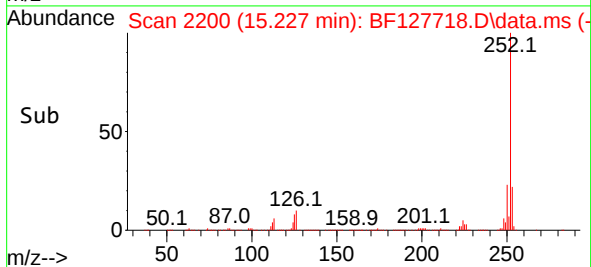
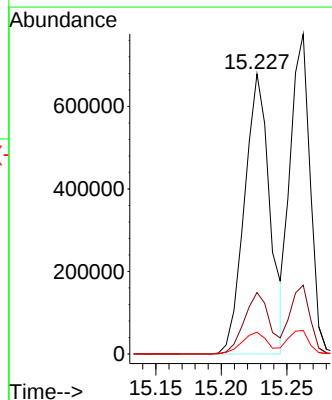
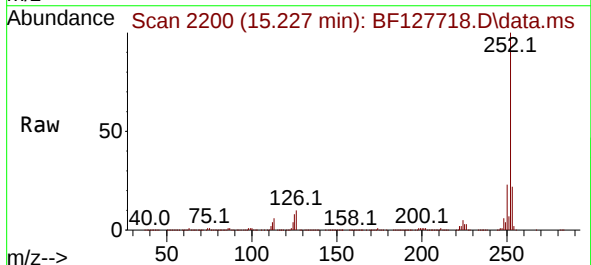
Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MS

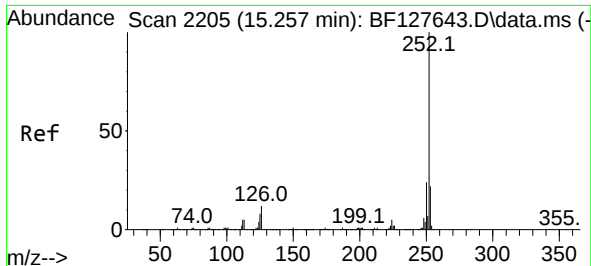
Tgt Ion:276 Resp: 934418
 Ion Ratio Lower Upper
 276 100
 138 20.2 17.1 25.7
 277 25.2 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 46.504 ng
 RT: 15.227 min Scan# 2200
 Delta R.T. -0.000 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

Tgt Ion:252 Resp: 916370
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.9 26.9
 125 7.8 7.0 10.4

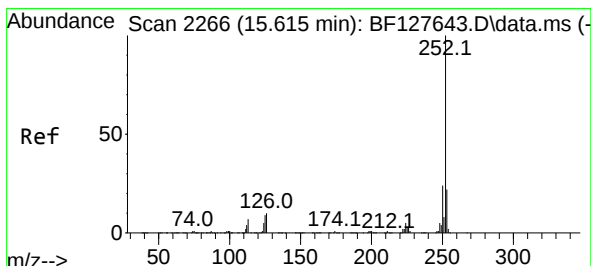
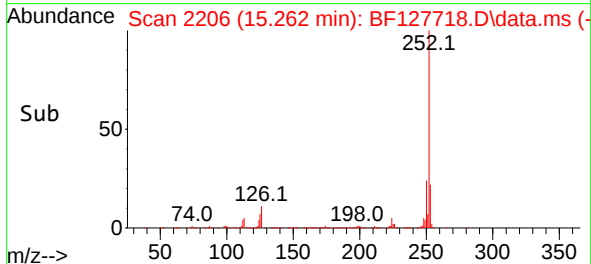
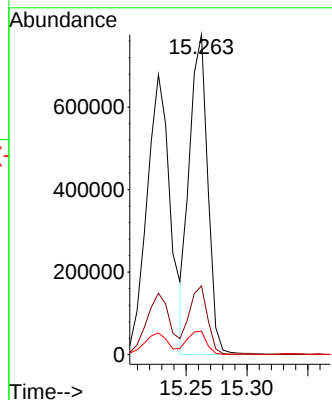
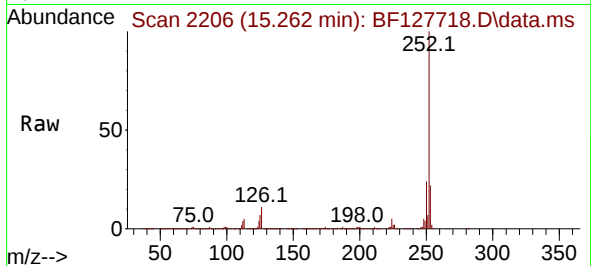




#89
Benzo(k)fluoranthene
Concen: 41.587 ng
RT: 15.262 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

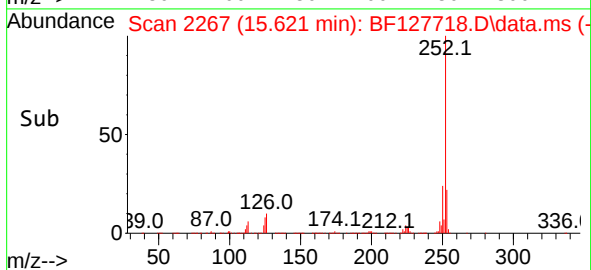
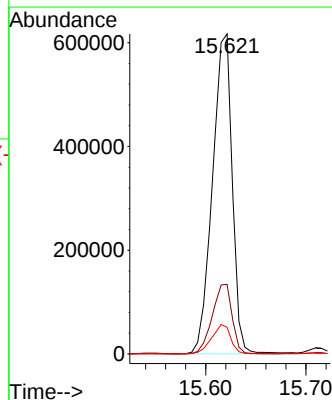
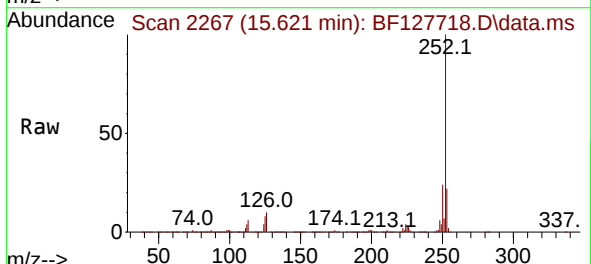
Instrument :
BNA_F
ClientSampleId :
NORTH-3MS

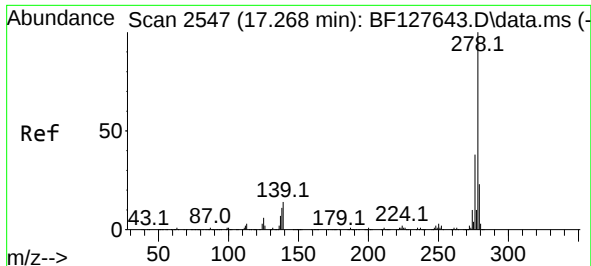
Tgt Ion:252 Resp: 812769
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 7.3 6.9 10.3



#90
Benzo(a)pyrene
Concen: 52.759 ng
RT: 15.621 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF127718.D
Acq: 08 Apr 2022 17:26

Tgt Ion:252 Resp: 844996
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.4 6.7 10.1

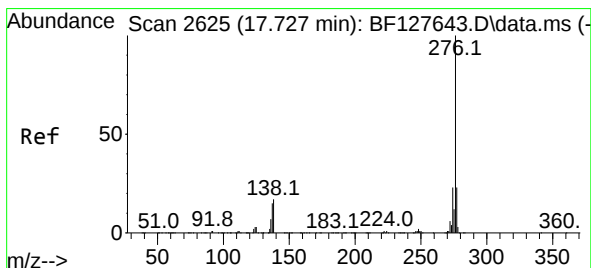
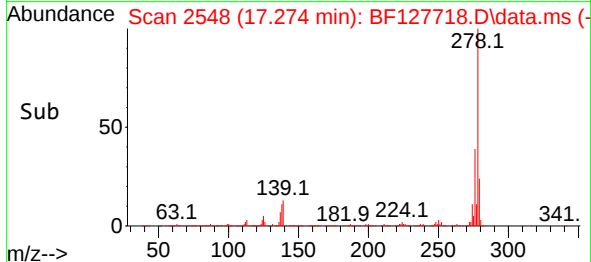
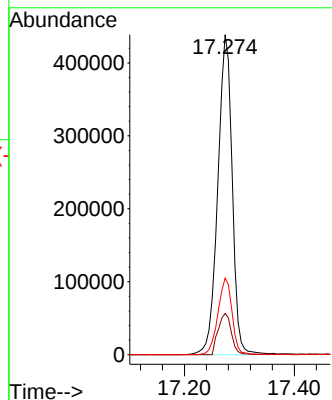
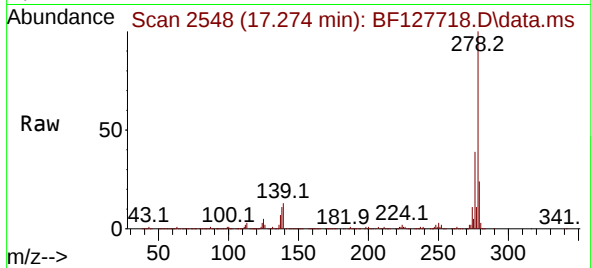




#91
 Dibenzo(a,h)anthracene
 Concen: 51.596 ng
 RT: 17.274 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

Instrument :
 BNA_F
 ClientSampleId :
 NORTH-3MS

Tgt Ion:278 Resp: 800065
 Ion Ratio Lower Upper
 278 100
 139 12.9 10.8 16.2
 279 24.0 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 51.535 ng
 RT: 17.733 min Scan# 2626
 Delta R.T. 0.006 min
 Lab File: BF127718.D
 Acq: 08 Apr 2022 17:26

Tgt Ion:276 Resp: 819256
 Ion Ratio Lower Upper
 276 100
 277 23.8 19.0 28.4
 138 18.6 14.6 22.0

