

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128676.D
 Acq On : 03 Jun 2022 13:16
 Operator : CG\JU
 Sample : N3025-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS

Quant Time: Jun 03 23:41:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	87060	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	332948	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	189525	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	323377	20.000	ng	0.00
76) Chrysene-d12	13.998	240	183013	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	176969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	567926	103.907	ng	0.00
7) Phenol-d6	6.486	99	724360	108.569	ng	-0.01
23) Nitrobenzene-d5	7.392	82	523449	73.198	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	236755	105.726	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	950262	70.235	ng	0.00
79) Terphenyl-d14	12.939	244	860620	81.712	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	86398	42.579	ng	# 90
3) Pyridine	3.381	79	225094	41.759	ng	# 85
4) n-Nitrosodimethylamine	3.345	42	199435	53.353	ng	# 64
6) Aniline	6.486	93	342312	47.573	ng	# 74
8) 2-Chlorophenol	6.628	128	285804	51.102	ng	99
9) Benzaldehyde	6.375	77	184843	45.476	ng	90
10) Phenol	6.498	94	359026	50.907	ng	# 70
11) bis(2-Chloroethyl)ether	6.563	93	260255	50.360	ng	98
12) 1,3-Dichlorobenzene	6.992	146	307679	47.587	ng	96
13) 1,4-Dichlorobenzene	6.839	146	322578	49.400	ng	97
14) 1,2-Dichlorobenzene	6.992	146	307679	50.370	ng	96
15) Benzyl Alcohol	6.975	79	290479	52.036	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.098	45	433138	50.870	ng	# 26
17) 2-Methylphenol	7.104	107	231548	52.384	ng	# 82
18) Hexachloroethane	7.333	117	128612	52.940	ng	92
19) n-Nitroso-di-n-propyla...	7.245	70	226694	54.648	ng	95
20) 3+4-Methylphenols	7.257	107	308657	52.304	ng	# 80
22) Acetophenone	7.233	105	437020	50.185	ng	# 92
24) Nitrobenzene	7.410	77	341443	52.007	ng	94
25) Isophorone	7.651	82	603544	55.570	ng	# 95
26) 2-Nitrophenol	7.728	139	150802	52.133	ng	# 86
27) 2,4-Dimethylphenol	7.781	122	248188	56.325	ng	94
28) bis(2-Chloroethoxy)met...	7.863	93	337156	49.106	ng	99
29) 2,4-Dichlorophenol	7.986	162	255360	50.072	ng	97
30) 1,2,4-Trichlorobenzene	8.051	180	274002	47.716	ng	99
31) Naphthalene	8.133	128	842690	49.317	ng	99
32) Benzoic acid	7.922	122	144112	46.099	ng	86
33) 4-Chloroaniline	8.180	127	211421	32.818	ng	# 92
34) Hexachlorobutadiene	8.245	225	197376	48.467	ng	99
35) Caprolactam	8.563	113	39713	28.161	ng	93
36) 4-Chloro-3-methylphenol	8.686	107	291426	52.361	ng	93
37) 2-Methylnaphthalene	8.822	142	553719	50.948	ng	99
38) 1-Methylnaphthalene	8.922	142	532368	50.699	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	288960	49.092	ng	98
41) Hexachlorocyclopentadiene	8.975	237	407419	115.151	ng	99
43) 2,4,6-Trichlorophenol	9.110	196	195155	49.029	ng	96

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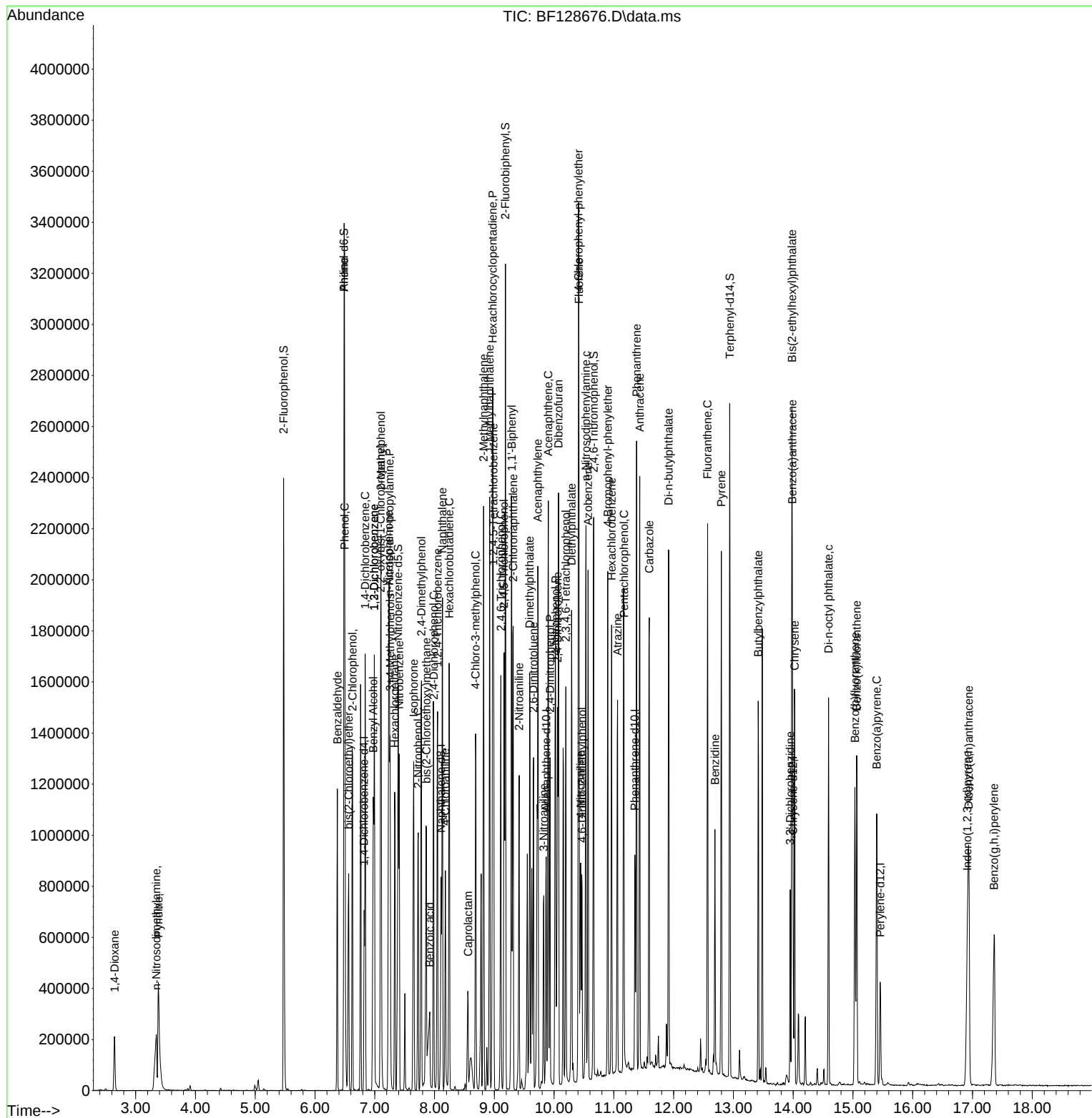
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	206663	50.240	ng	# 94
46) 1,1'-Biphenyl	9.292	154	713133	50.149	ng	97
47) 2-Chloronaphthalene	9.316	162	538369	49.615	ng	100
48) 2-Nitroaniline	9.416	65	201122	54.202	ng	91
49) Acenaphthylene	9.727	152	880744	53.019	ng	100
50) Dimethylphthalate	9.592	163	661141	50.965	ng	100
51) 2,6-Dinitrotoluene	9.657	165	141648	55.322	ng	86
52) Acenaphthene	9.904	154	498405	46.072	ng	98
53) 3-Nitroaniline	9.827	138	99258	35.719	ng	99
54) 2,4-Dinitrophenol	9.933	184	134549	94.346	ng	# 87
55) Dibenzofuran	10.074	168	761320	48.968	ng	91
56) 4-Nitrophenol	10.027	139	198440	98.515	ng	# 63
57) 2,4-Dinitrotoluene	10.057	165	191280	55.979	ng	# 86
58) Fluorene	10.416	166	601517	49.889	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	163752	48.196	ng	# 93
60) Diethylphthalate	10.292	149	659746	50.601	ng	99
61) 4-Chlorophenyl-phenyle...	10.410	204	310172	49.598	ng	89
62) 4-Nitroaniline	10.445	138	132051	46.933	ng	# 73
63) Azobenzene	10.569	77	633990	49.393	ng	93
65) 4,6-Dinitro-2-methylph...	10.469	198	87750	45.981	ng	98
66) n-Nitrosodiphenylamine	10.533	169	540180	54.347	ng	100
67) 4-Bromophenyl-phenylether	10.898	248	193932	53.777	ng	91
68) Hexachlorobenzene	10.963	284	212890	53.156	ng	97
69) Atrazine	11.063	200	178545	55.859	ng	97
70) Pentachlorophenol	11.169	266	206625	103.354	ng	99
71) Phenanthrene	11.380	178	822622	50.717	ng	99
72) Anthracene	11.433	178	843521	52.542	ng	99
73) Carbazole	11.592	167	694735	46.592	ng	99
74) Di-n-butylphthalate	11.916	149	922429	50.808	ng	99
75) Fluoranthene	12.568	202	794209	46.843	ng	96
77) Benzidine	12.692	184	303887	83.296	ng	99
78) Pyrene	12.798	202	777862	57.128	ng	99
80) Butylbenzylphthalate	13.415	149	313548	54.835	ng	97
81) Benzo(a)anthracene	13.986	228	601554	52.732	ng	100
82) 3,3'-Dichlorobenzidine	13.951	252	128976	52.846	ng	98
83) Chrysene	14.027	228	566676	52.104	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	414792	55.798	ng	100
85) Di-n-octyl phthalate	14.592	149	628245	56.113	ng	98
87) Indeno(1,2,3-cd)pyrene	16.915	276	620267	58.151	ng	# 92
88) Benzo(b)fluoranthene	15.033	252	596583	52.757	ng	# 97
89) Benzo(k)fluoranthene	15.062	252	508630	47.815	ng	# 97
90) Benzo(a)pyrene	15.398	252	533517	60.028	ng	# 97
91) Dibenzo(a,h)anthracene	16.939	278	538064	60.815	ng	# 95
92) Benzo(g,h,i)perylene	17.362	276	537221	61.266	ng	# 91

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

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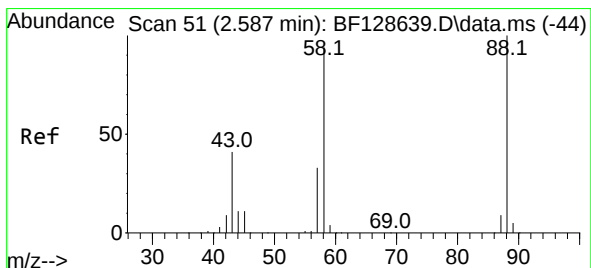
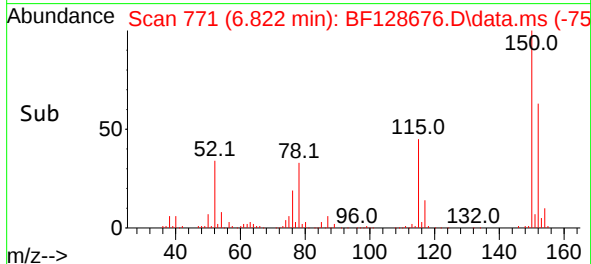
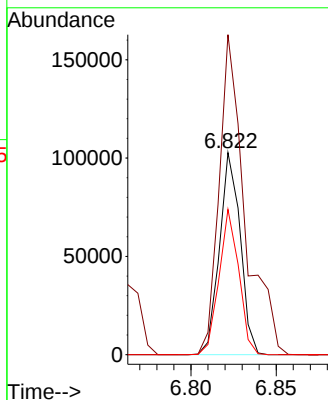
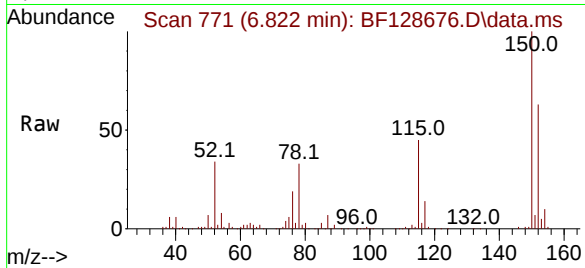




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128676.D
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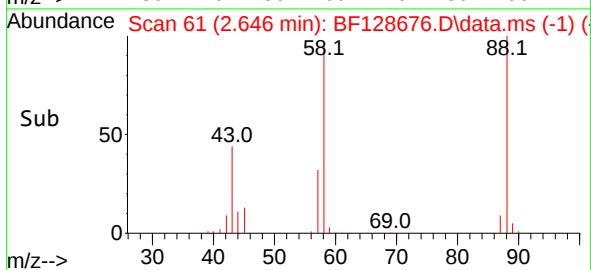
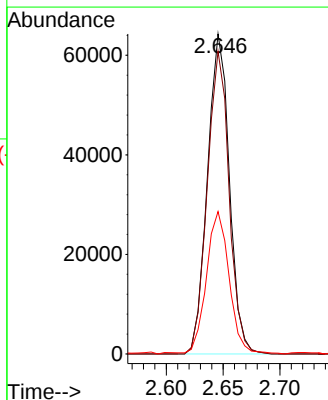
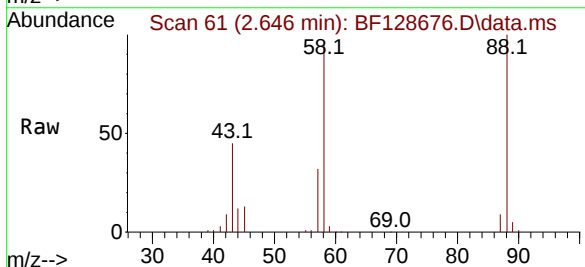
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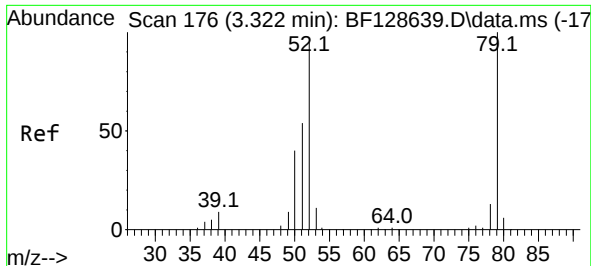
Tgt Ion:152 Resp: 87060
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 71.9 49.9 74.9



#2
1,4-Dioxane
Concen: 42.579 ng
RT: 2.646 min Scan# 61
Delta R.T. 0.059 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 88 Resp: 86398
Ion Ratio Lower Upper
88 100
58 94.1 71.8 107.8
43 46.5 26.6 39.8

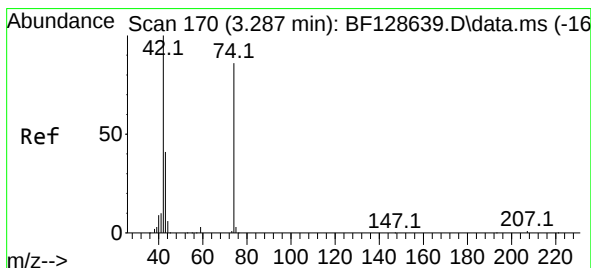
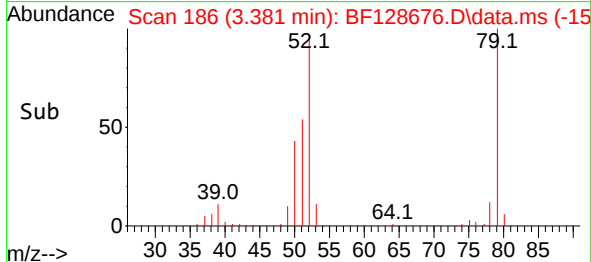
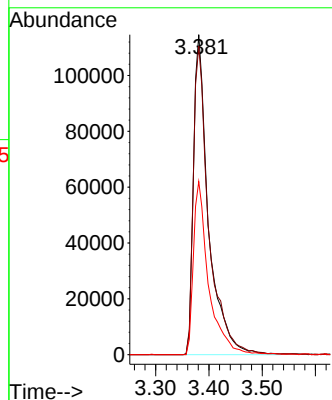
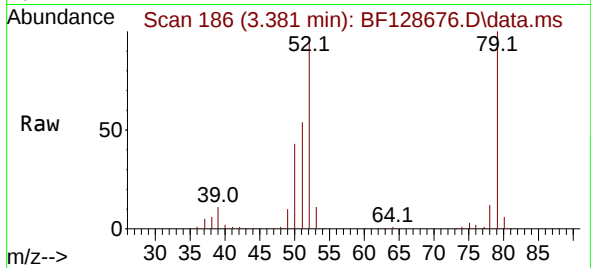




#3
Pyridine
Concen: 41.759 ng
RT: 3.381 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

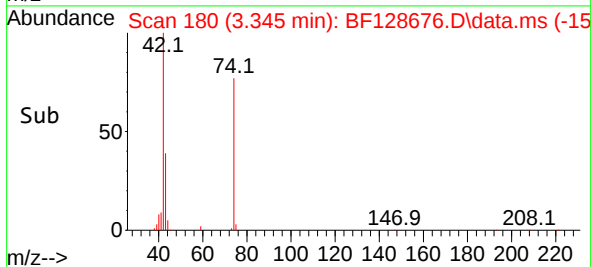
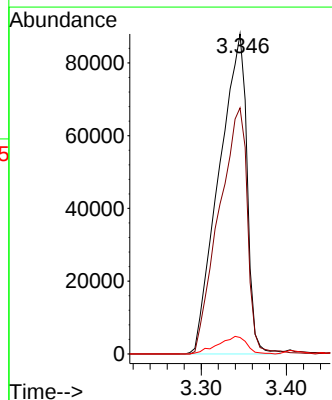
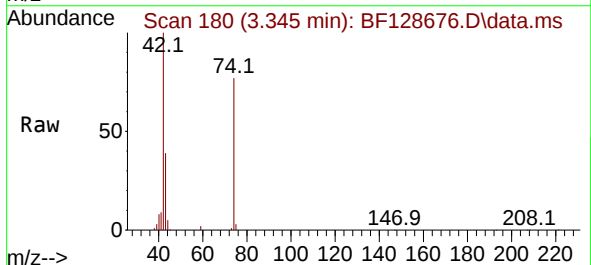
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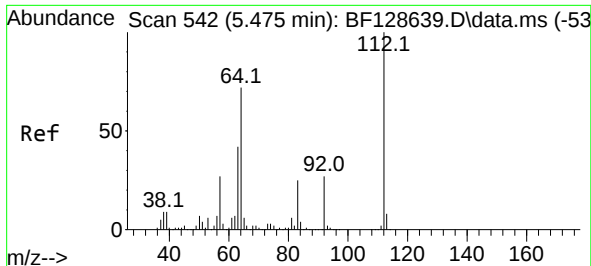
Tgt Ion: 79 Resp: 225094
Ion Ratio Lower Upper
79 100
52 96.4 68.6 102.8
51 54.1 32.9 49.3#



#4
n-Nitrosodimethylamine
Concen: 53.353 ng
RT: 3.345 min Scan# 180
Delta R.T. 0.058 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 42 Resp: 199435
Ion Ratio Lower Upper
42 100
74 76.9 94.8 142.2#
44 5.2 6.6 10.0#

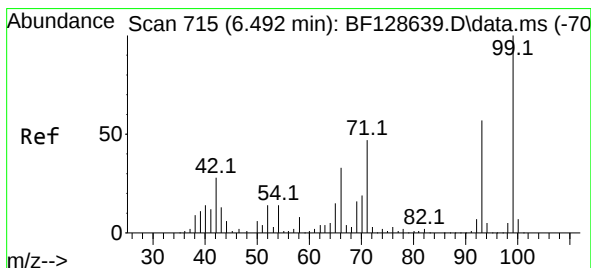
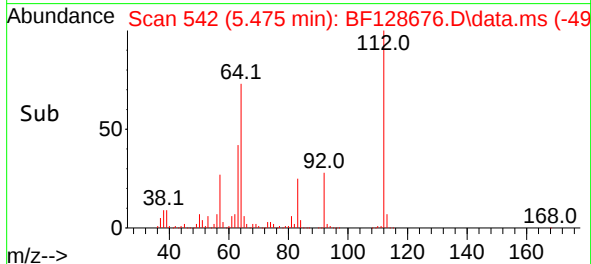
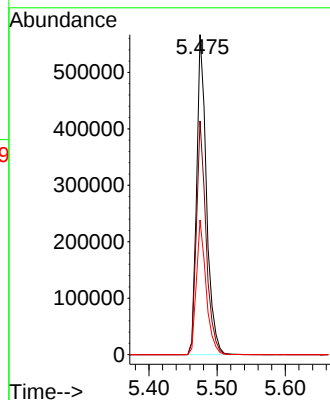
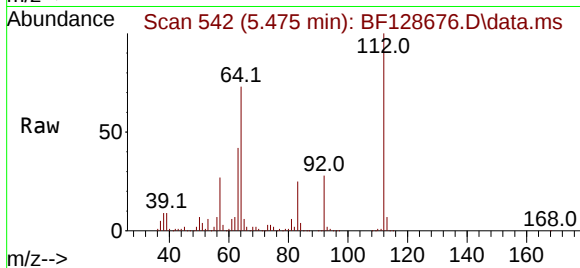




#5
2-Fluorophenol
Concen: 103.907 ng
RT: 5.475 min Scan# 54
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

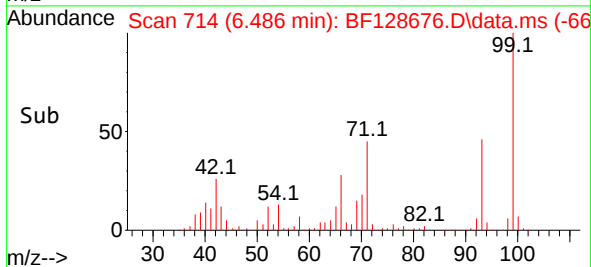
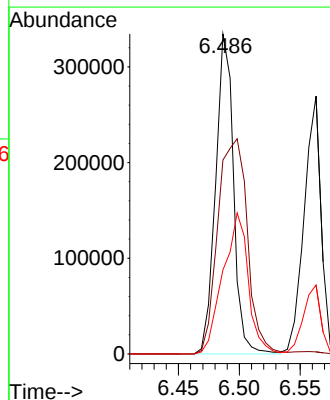
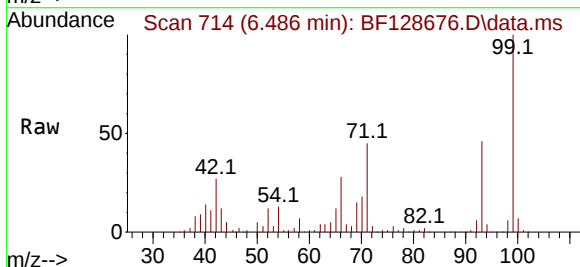
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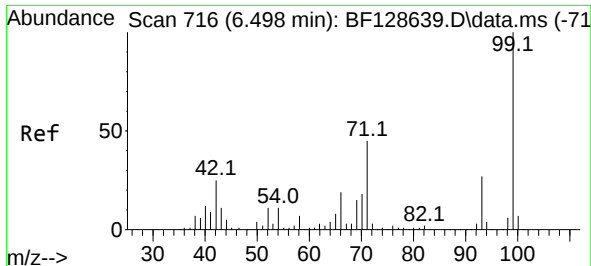
Tgt Ion:112 Resp: 567926
Ion Ratio Lower Upper
112 100
64 73.1 53.3 79.9
63 42.0 28.0 42.0#



#6
Aniline
Concen: 47.573 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 93 Resp: 342312
Ion Ratio Lower Upper
93 100
66 60.6 32.5 48.7#
65 26.3 16.4 24.6#





#7

Phenol-d6

Concen: 108.569 ng

RT: 6.486 min Scan# 714

Delta R.T. -0.012 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

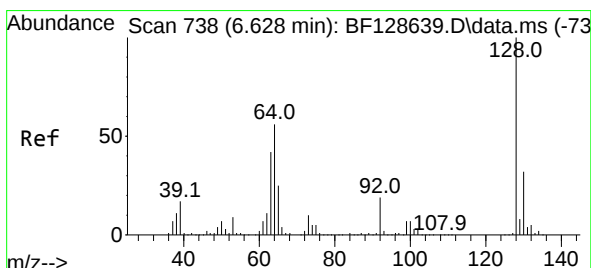
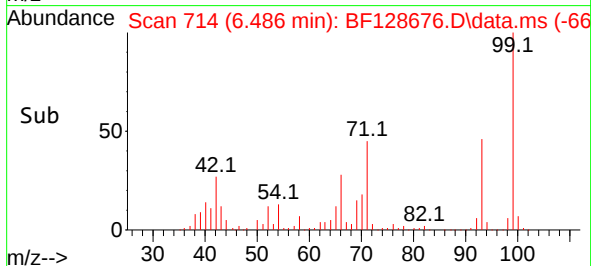
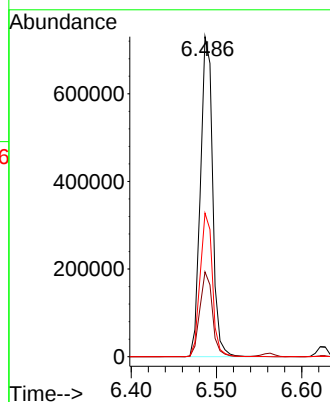
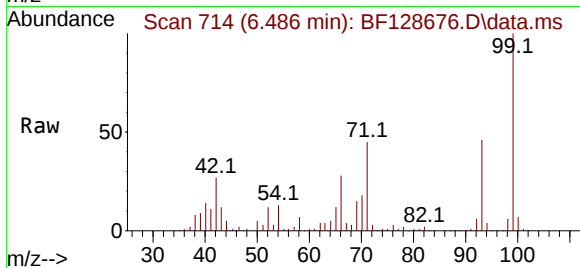
Tgt Ion: 99 Resp: 724360

Ion Ratio Lower Upper

99 100

42 26.5 17.3 25.9#

71 44.9 28.9 43.3#



#8

2-Chlorophenol

Concen: 51.102 ng

RT: 6.628 min Scan# 738

Delta R.T. -0.000 min

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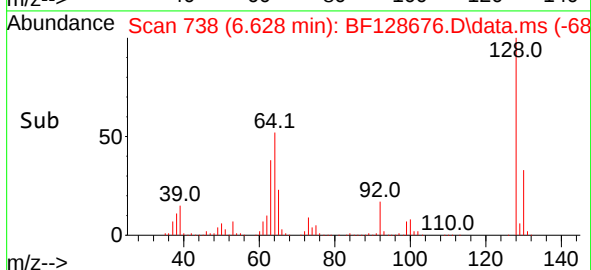
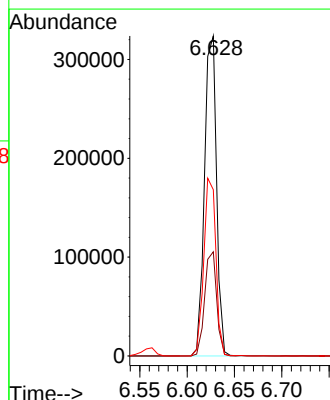
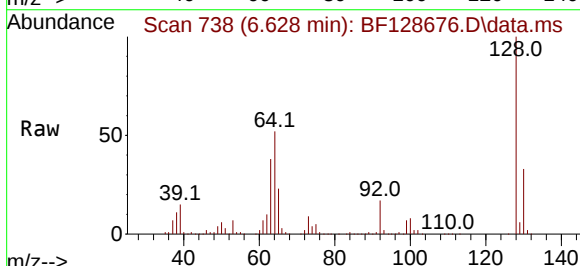
Tgt Ion:128 Resp: 285804

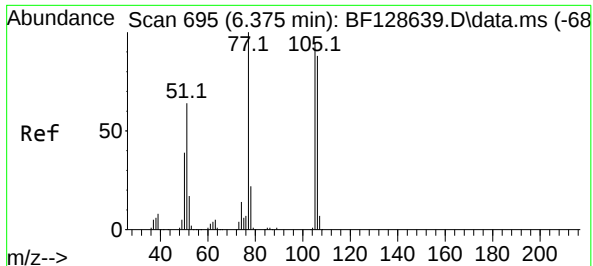
Ion Ratio Lower Upper

128 100

130 32.6 13.1 53.1

64 52.0 30.9 70.9

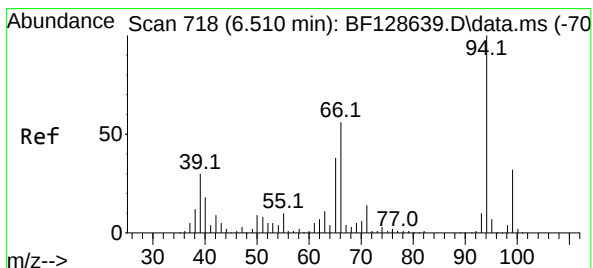
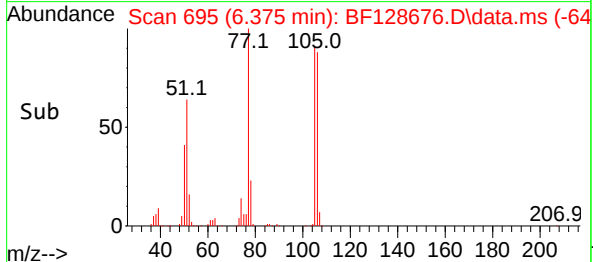
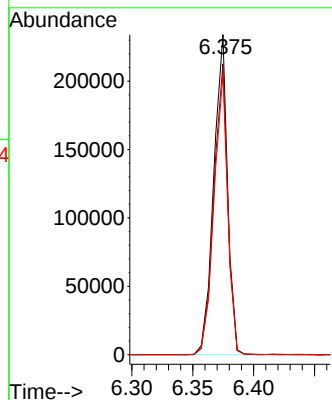
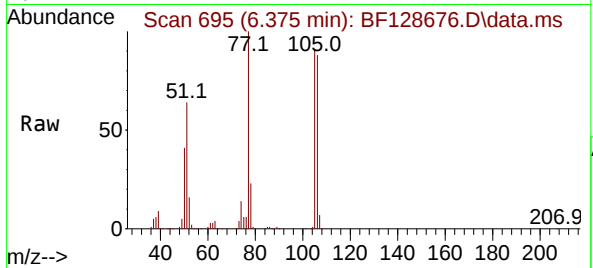




#9
Benzaldehyde
Concen: 45.476 ng
RT: 6.375 min Scan# 695
Delta R.T. -0.000 min
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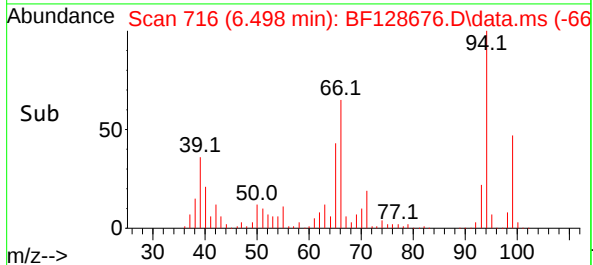
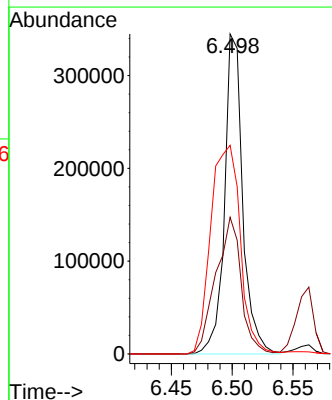
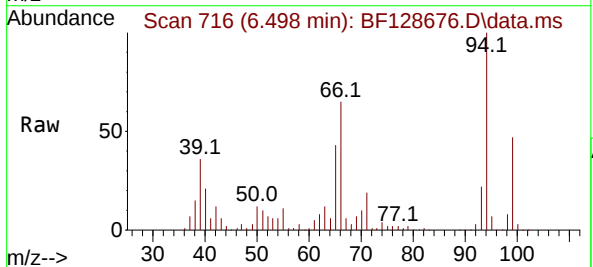
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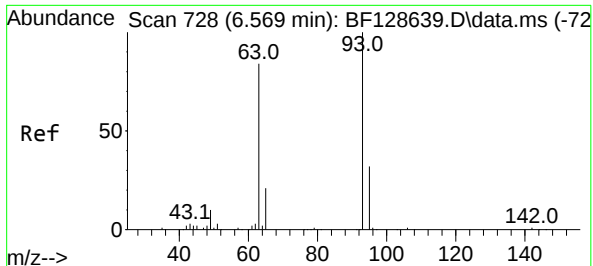
Tgt Ion: 77 Resp: 184843
Ion Ratio Lower Upper
77 100
105 90.9 81.6 121.6
106 87.8 76.1 116.1



#10
Phenol
Concen: 50.907 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 94 Resp: 359026
Ion Ratio Lower Upper
94 100
65 42.7 11.4 51.4
66 65.2 21.4 61.4#





#11

bis(2-Chloroethyl)ether

Concen: 50.360 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

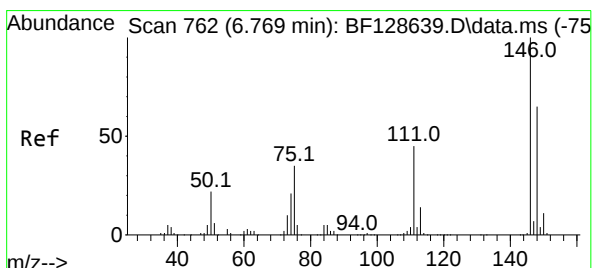
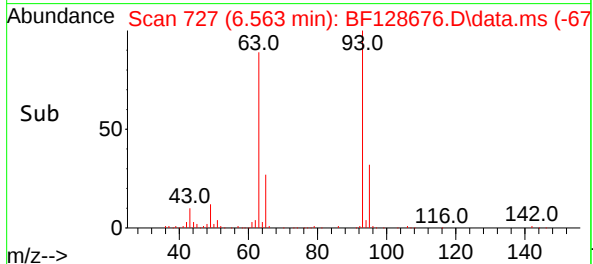
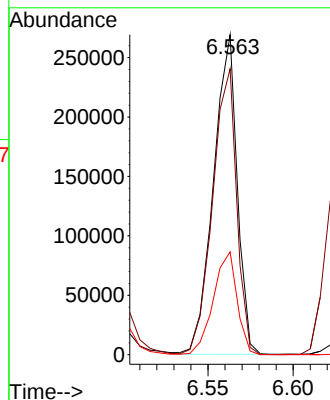
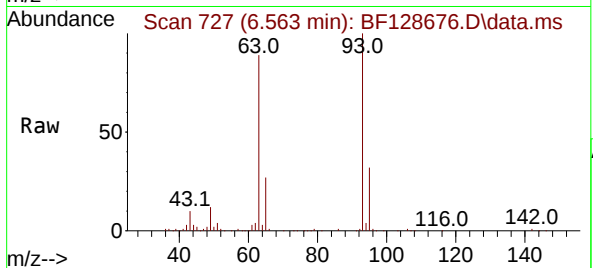
Tgt Ion: 93 Resp: 260255

Ion Ratio Lower Upper

93 100

63 89.3 67.4 107.4

95 32.2 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 47.587 ng

RT: 6.992 min Scan# 800

Delta R.T. 0.223 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

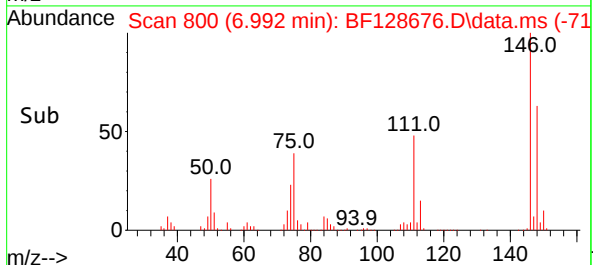
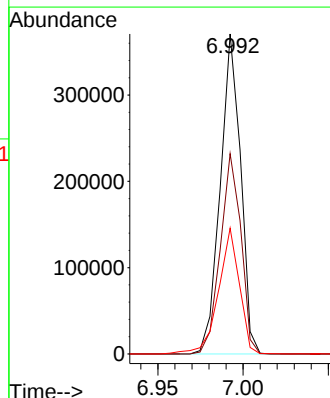
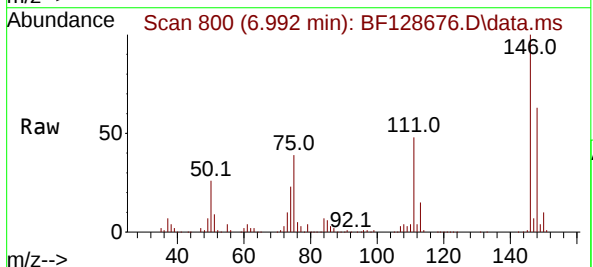
Tgt Ion:146 Resp: 307679

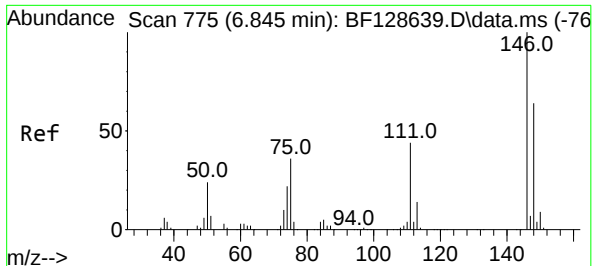
Ion Ratio Lower Upper

146 100

148 62.6 50.6 75.8

75 39.3 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 49.400 ng

RT: 6.839 min Scan# 774

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

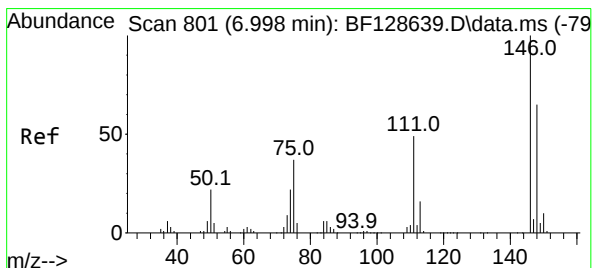
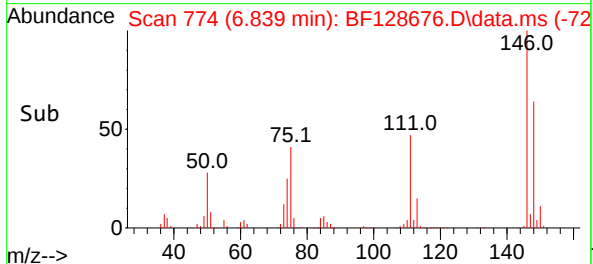
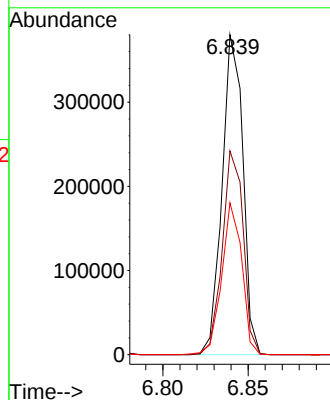
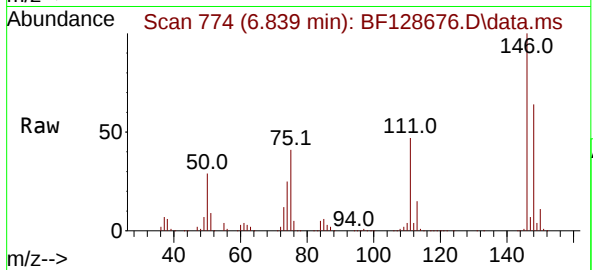
Tgt Ion:146 Resp: 322578

Ion Ratio Lower Upper

146 100

148 63.7 51.1 76.7

111 47.5 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 50.370 ng

RT: 6.992 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

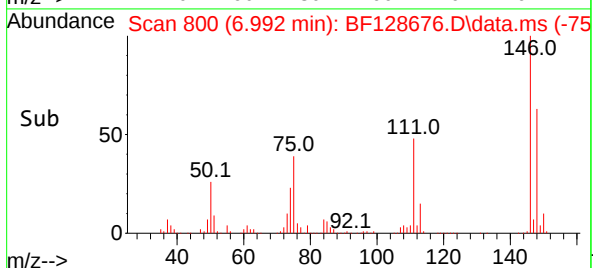
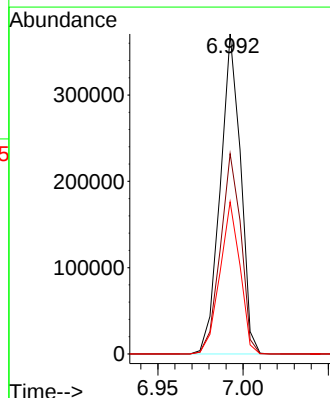
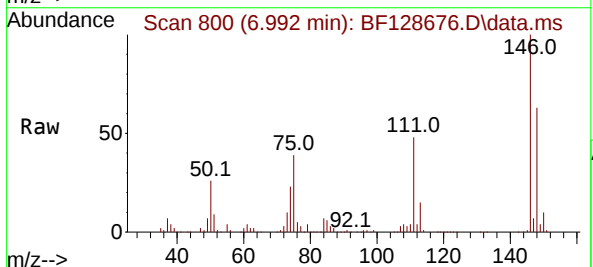
Tgt Ion:146 Resp: 307679

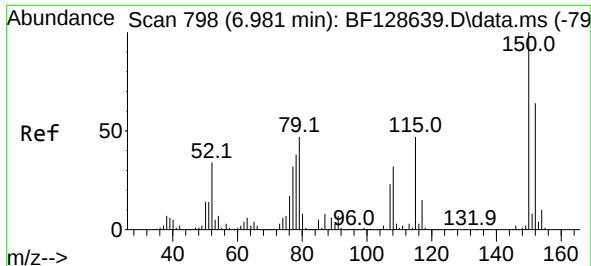
Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.8

111 47.5 35.1 52.7

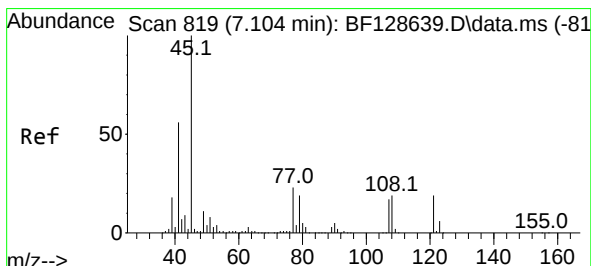
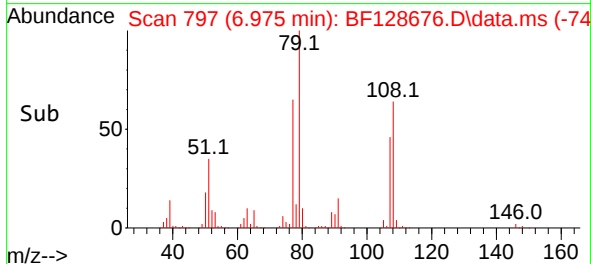
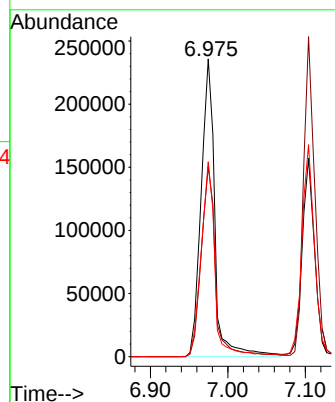
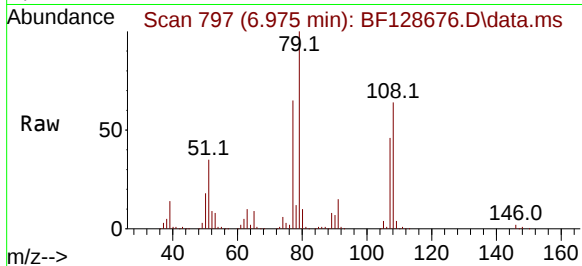




#15
Benzyl Alcohol
Concen: 52.036 ng
RT: 6.975 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

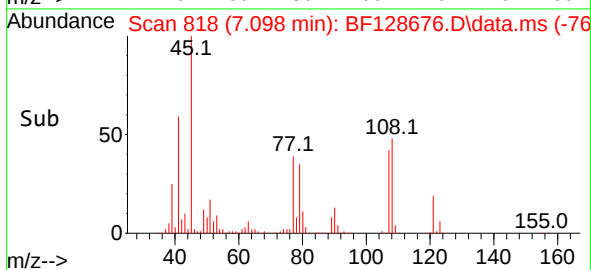
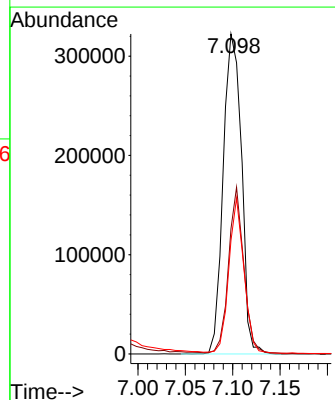
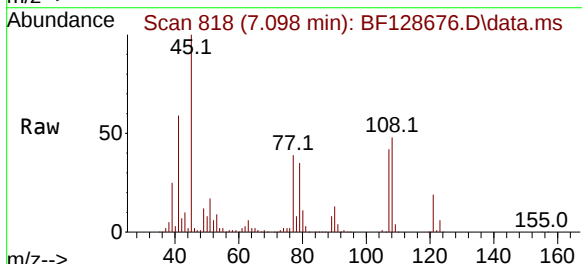
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

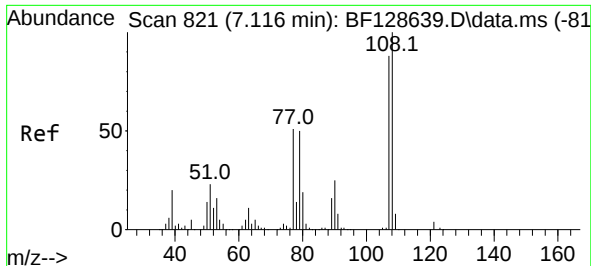
Tgt Ion: 79 Resp: 290479
Ion Ratio Lower Upper
79 100
108 63.8 61.8 92.6
77 65.4 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.870 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 45 Resp: 433138
Ion Ratio Lower Upper
45 100
77 39.1 0.0 31.3#
79 35.4 0.0 28.3#

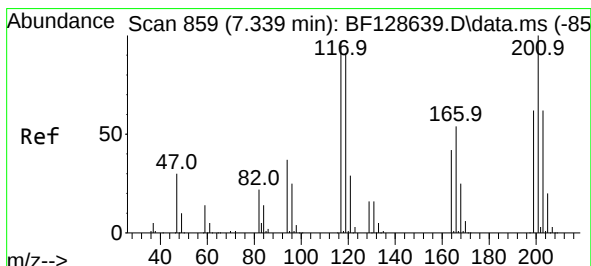
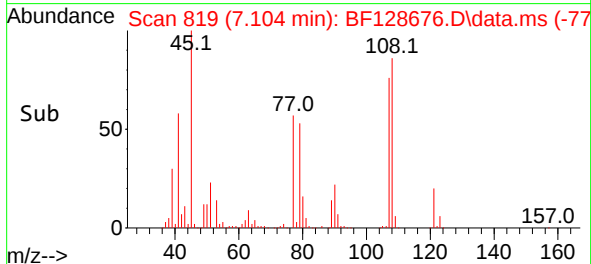
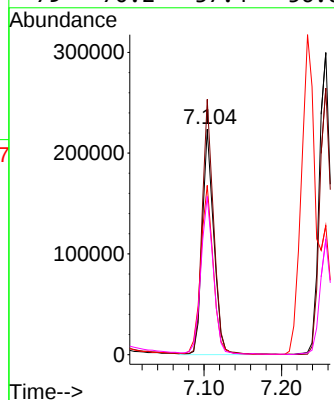
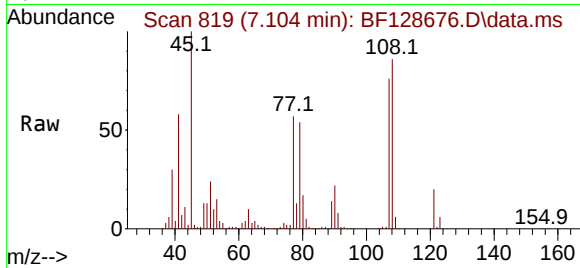




#17
2-Methylphenol
Concen: 52.384 ng
RT: 7.104 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

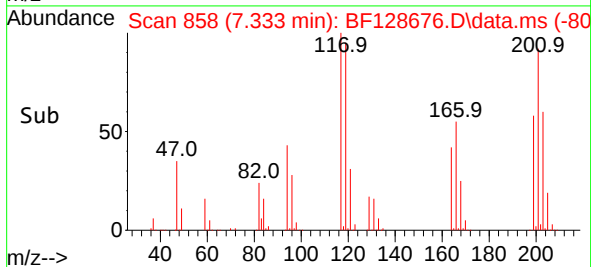
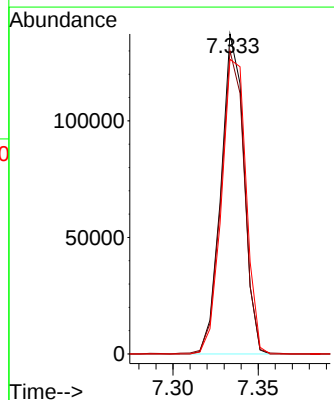
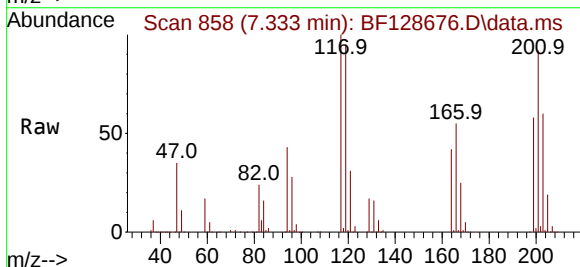
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

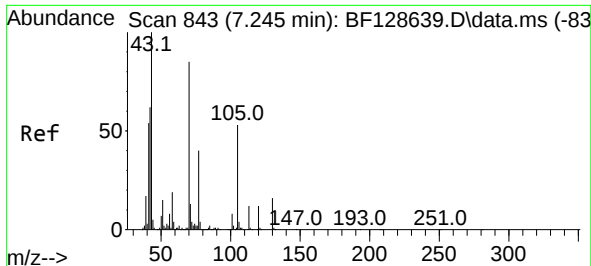
Tgt Ion:107 Resp: 231548
Ion Ratio Lower Upper
107 100
108 113.3 91.9 137.9
77 75.1 37.8 56.8#
79 70.2 37.4 56.0#



#18
Hexachloroethane
Concen: 52.940 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:117 Resp: 128612
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.2
201 92.1 84.6 127.0

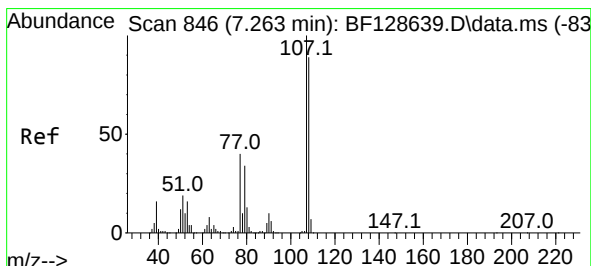
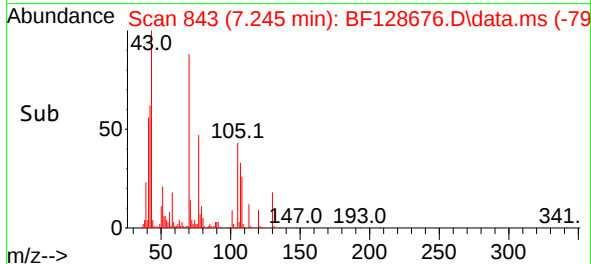
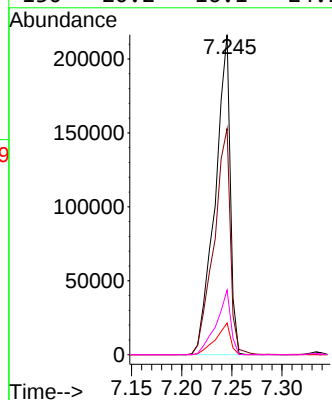
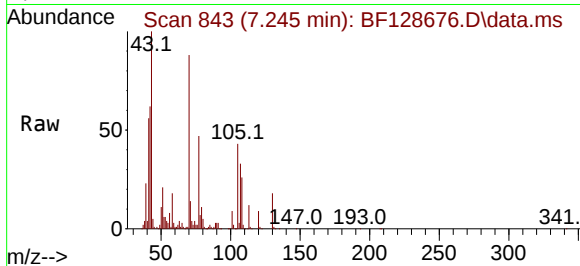




#19
n-Nitroso-di-n-propylamine
Concen: 54.648 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

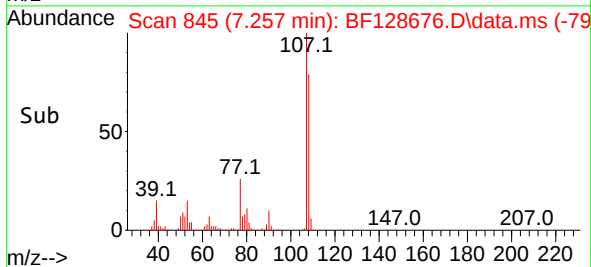
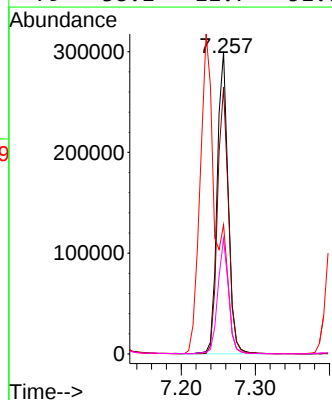
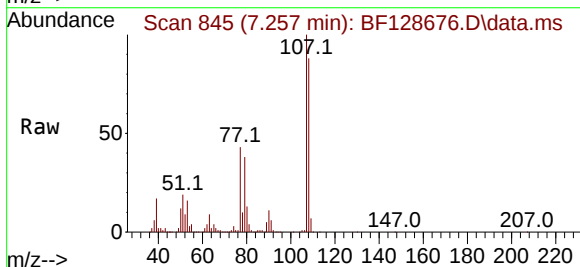
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

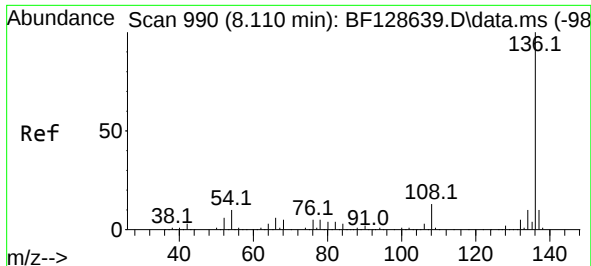
Tgt Ion: 70 Resp: 226694
Ion Ratio Lower Upper
70 100
42 70.7 52.3 78.5
101 9.9 7.5 11.3
130 20.2 16.1 24.1



#20
3+4-Methylphenols
Concen: 52.304 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 107 Resp: 308657
Ion Ratio Lower Upper
107 100
108 88.3 71.8 111.8
77 42.7 59.3 99.3#
79 38.1 11.7 51.7

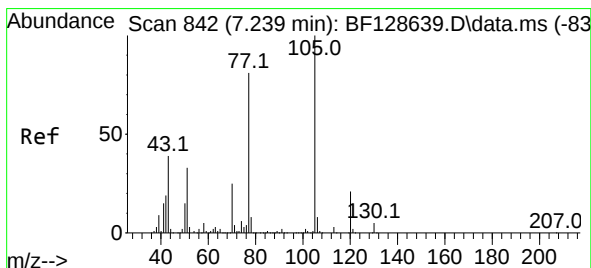
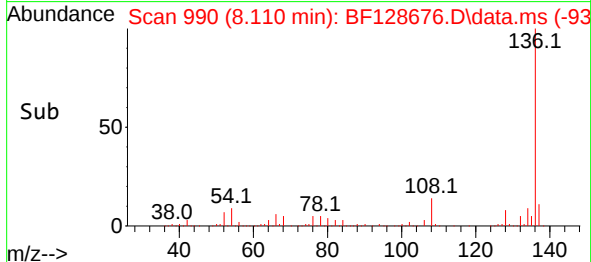
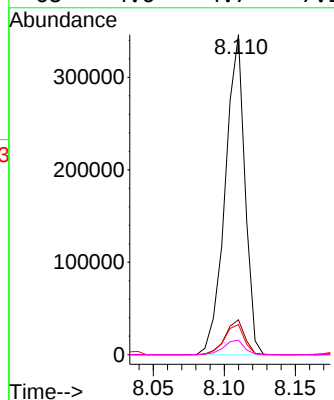
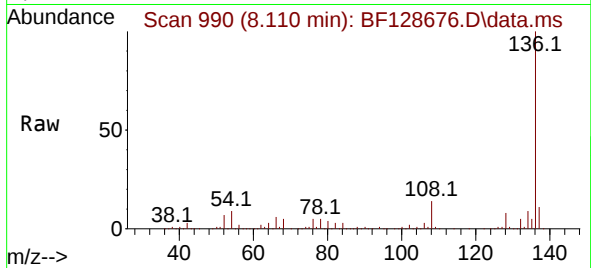




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

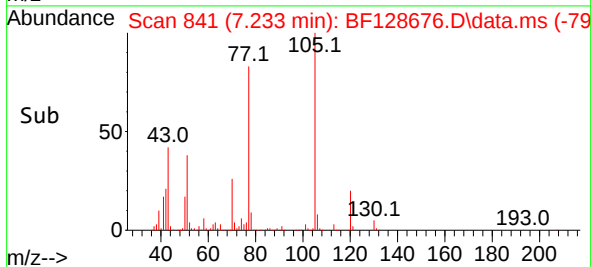
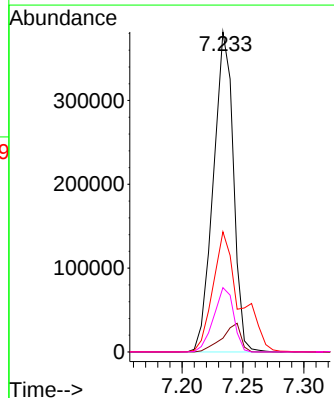
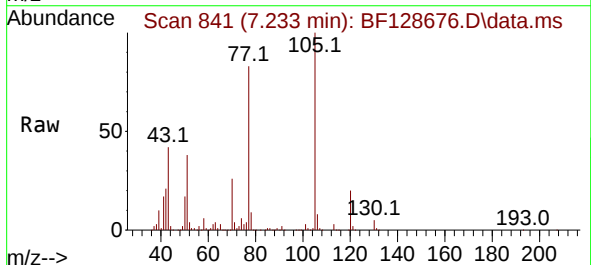
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

Tgt Ion:136 Resp: 332948
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.4 7.5 11.3
68 4.6 4.7 7.1#



#22
Acetophenone
Concen: 50.185 ng
RT: 7.233 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:105 Resp: 437020
Ion Ratio Lower Upper
105 100
71 4.3 5.0 7.4#
51 37.6 25.0 37.4#
120 20.1 17.8 26.8





#23

Nitrobenzene-d5

Concen: 73.198 ng

RT: 7.392 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

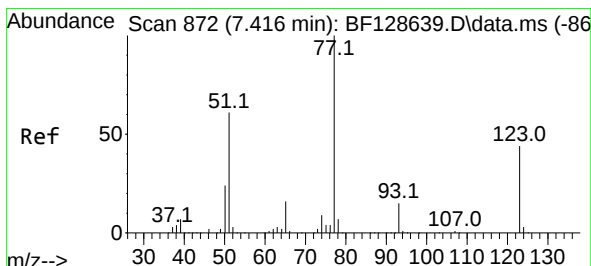
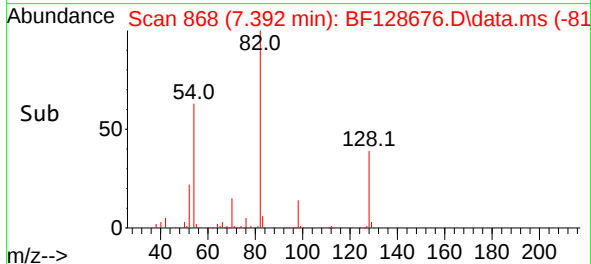
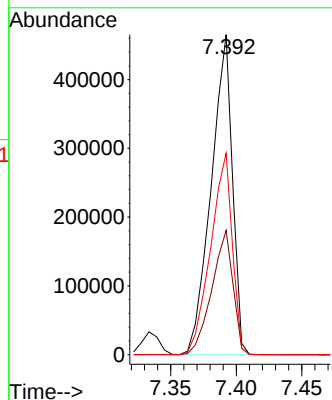
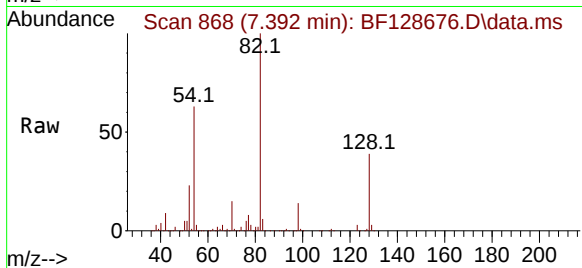
Tgt Ion: 82 Resp: 523449

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 63.0 46.9 70.3



#24

Nitrobenzene

Concen: 52.007 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

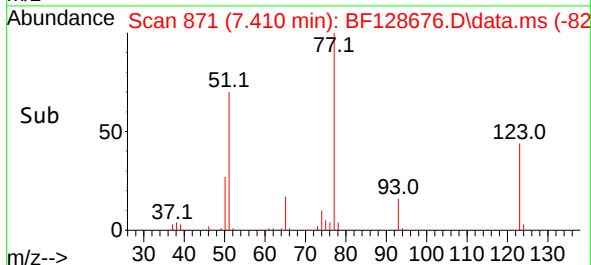
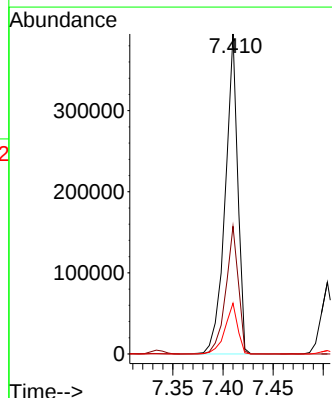
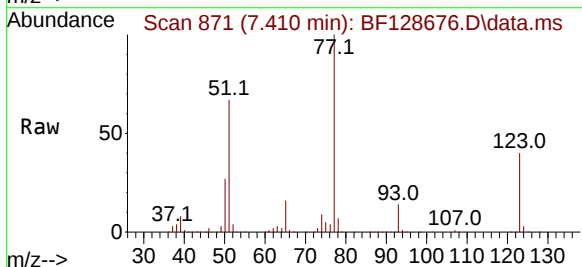
Tgt Ion: 77 Resp: 341443

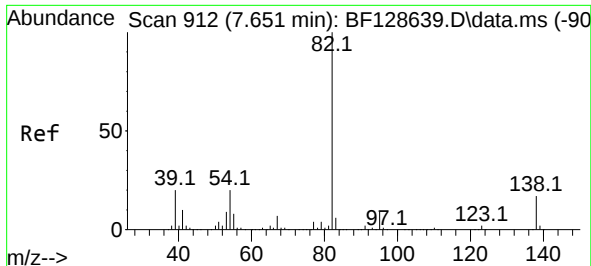
Ion Ratio Lower Upper

77 100

123 39.9 35.4 53.2

65 15.9 11.8 17.8

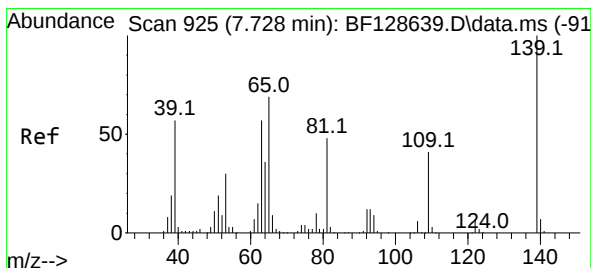
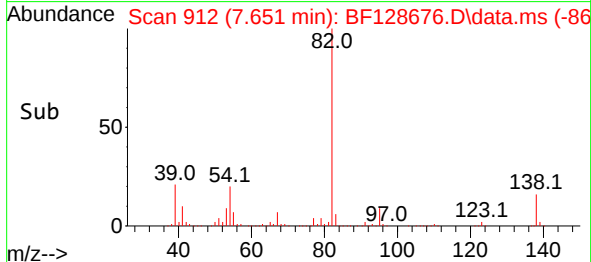
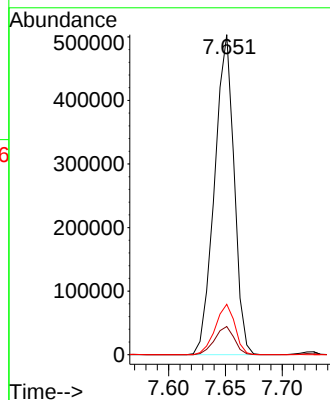
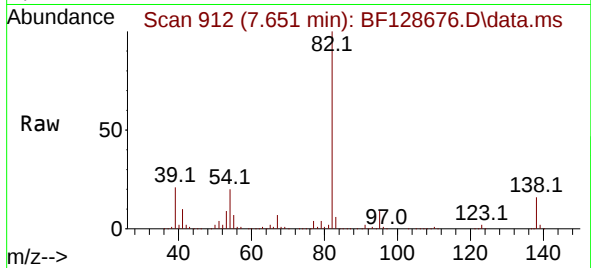




#25
Isophorone
Concen: 55.570 ng
RT: 7.651 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

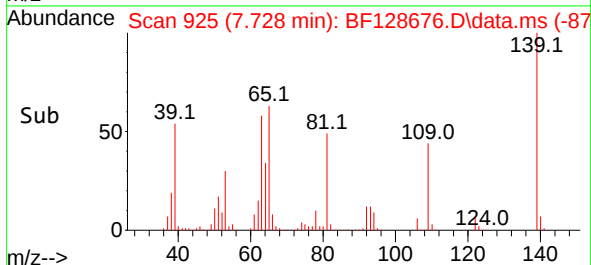
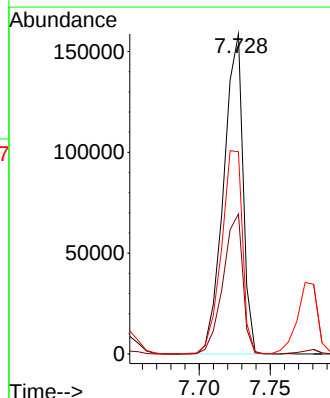
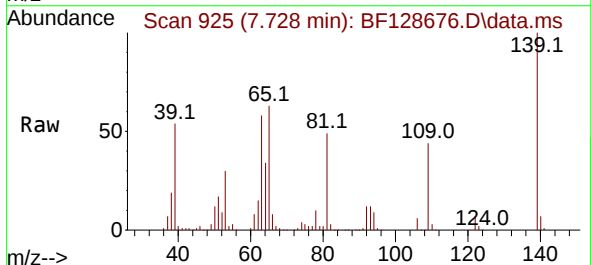
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

Tgt Ion: 82 Resp: 603544
Ion Ratio Lower Upper
82 100
95 8.8 5.7 8.5#
138 15.7 14.2 21.2



#26
2-Nitrophenol
Concen: 52.133 ng
RT: 7.728 min Scan# 925
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:139 Resp: 150802
Ion Ratio Lower Upper
139 100
109 43.7 25.0 37.4#
65 63.2 45.1 67.7

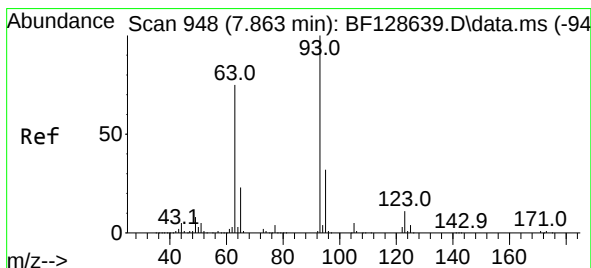
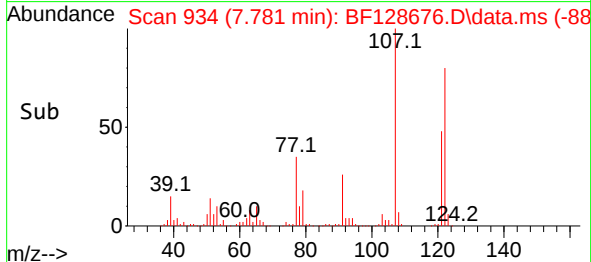
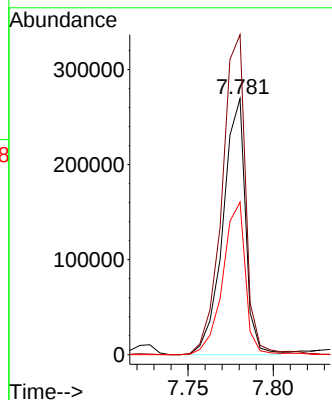
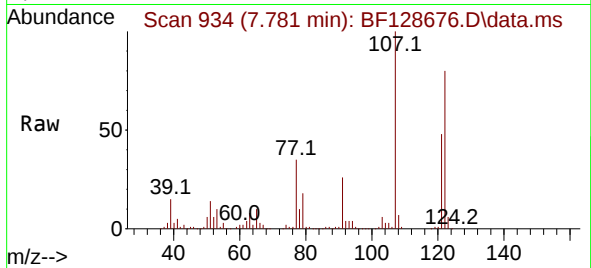




#27
2,4-Dimethylphenol
Concen: 56.325 ng
RT: 7.781 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

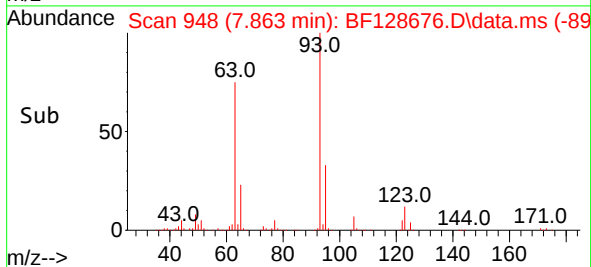
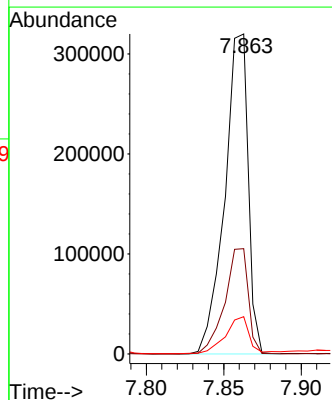
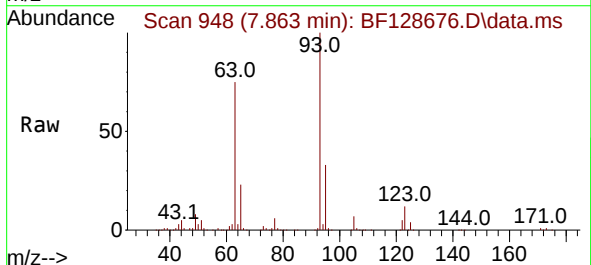
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

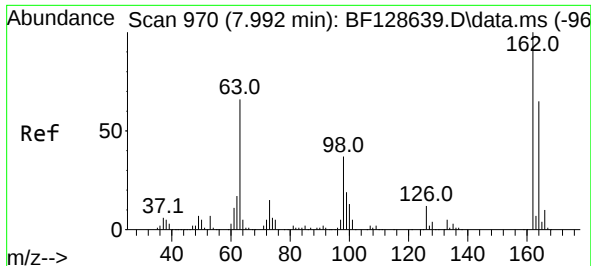
Tgt Ion:122 Resp: 248188
Ion Ratio Lower Upper
122 100
107 125.0 93.0 139.6
121 59.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.106 ng
RT: 7.863 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 93 Resp: 337156
Ion Ratio Lower Upper
93 100
95 32.9 26.8 40.2
123 11.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.072 ng

RT: 7.986 min Scan# 9

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

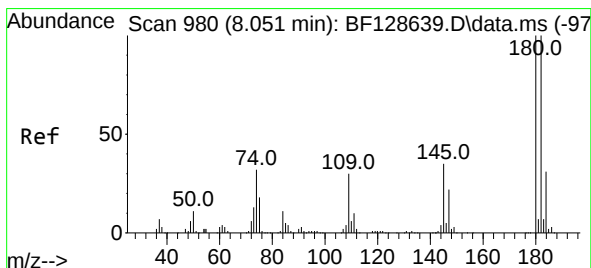
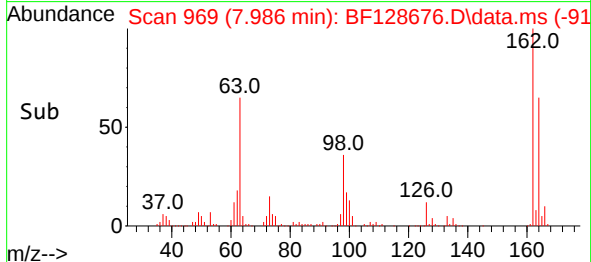
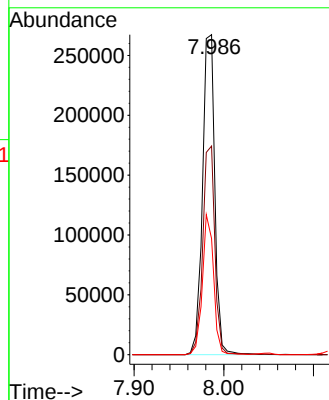
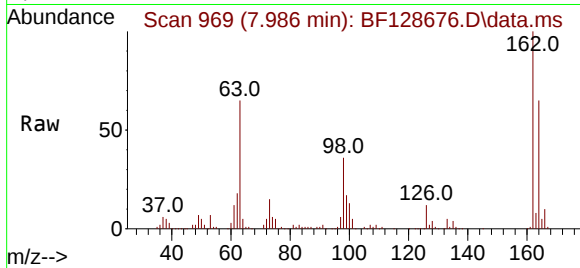
Tgt Ion:162 Resp: 255360

Ion Ratio Lower Upper

162 100

164 65.2 44.2 84.2

98 36.3 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 47.716 ng

RT: 8.051 min Scan# 980

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

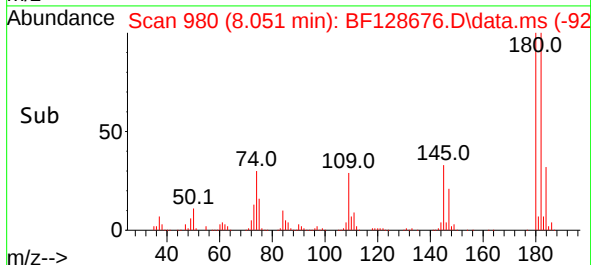
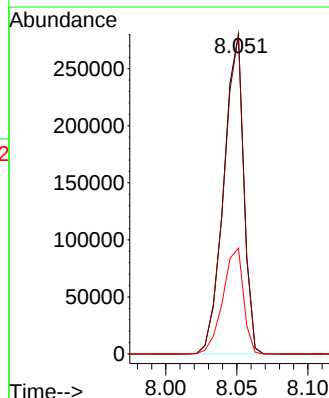
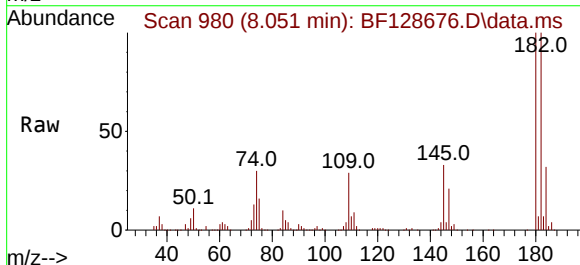
Tgt Ion:180 Resp: 274002

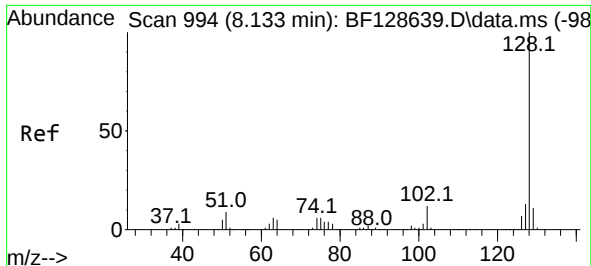
Ion Ratio Lower Upper

180 100

182 99.6 79.2 118.8

145 33.1 26.2 39.2

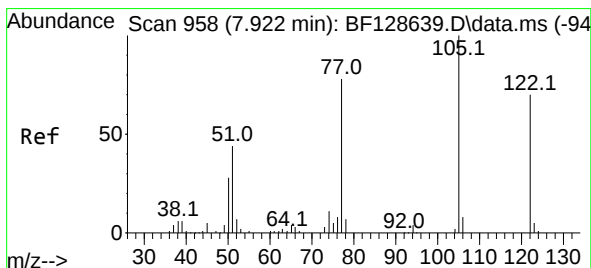
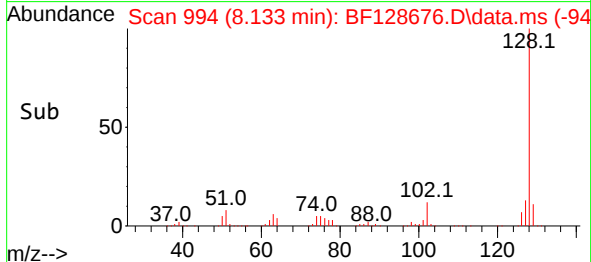
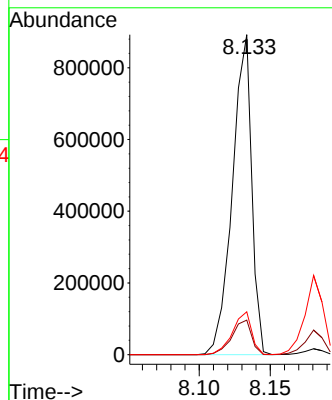
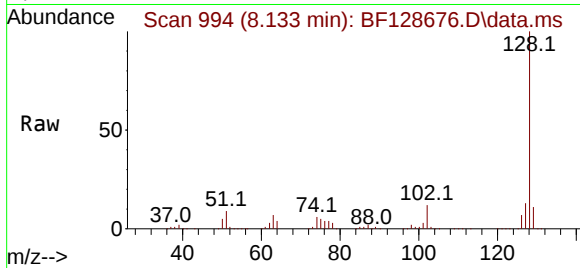




#31
Naphthalene
Concen: 49.317 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

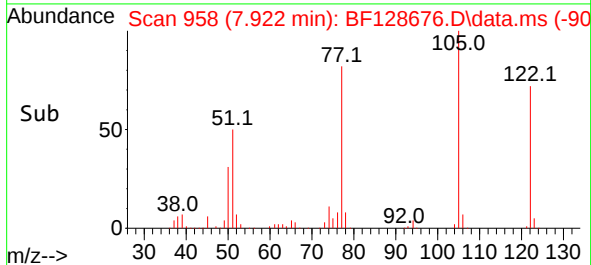
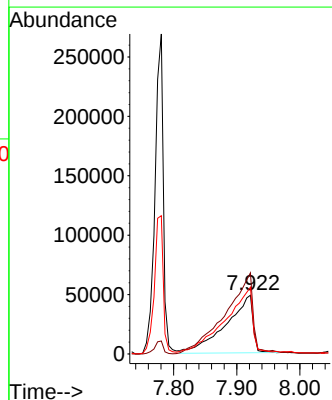
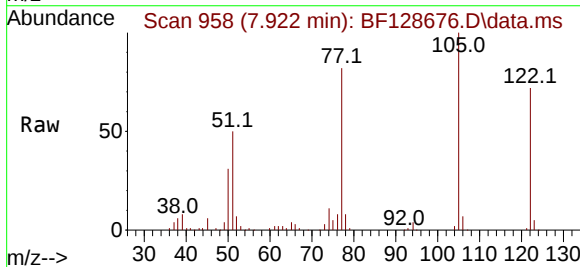
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

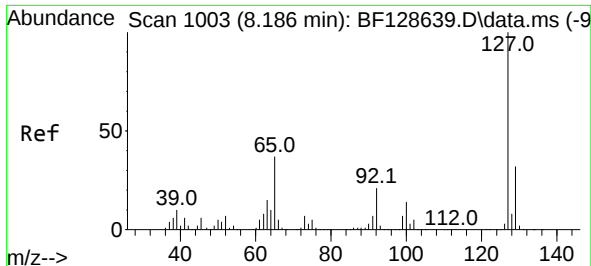
Tgt Ion:128 Resp: 842690
Ion Ratio Lower Upper
128 100
129 10.8 9.2 13.8
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 46.099 ng
RT: 7.922 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:122 Resp: 144112
Ion Ratio Lower Upper
122 100
105 138.0 107.1 147.1
77 113.4 74.2 114.2





#33

4-Chloroaniline

Concen: 32.818 ng

RT: 8.180 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

Tgt Ion:127 Resp: 211421

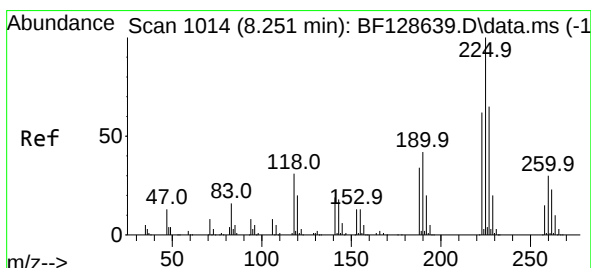
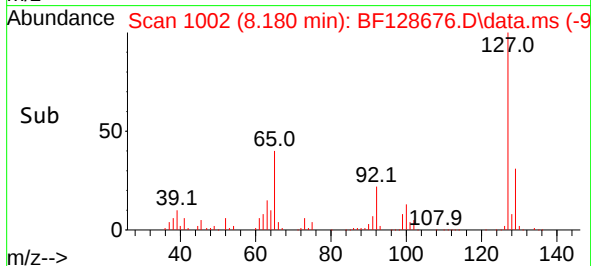
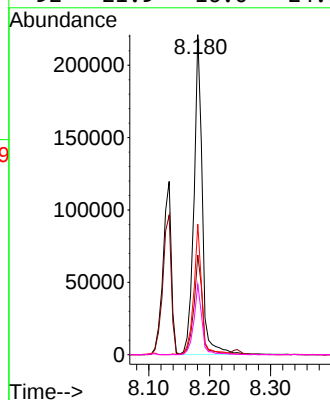
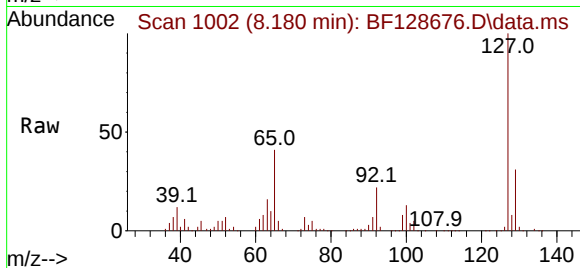
Ion Ratio Lower Upper

127 100

129 31.1 26.4 39.6

65 40.8 26.4 39.6#

92 21.9 16.0 24.0



#34

Hexachlorobutadiene

Concen: 48.467 ng

RT: 8.245 min Scan# 1013

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

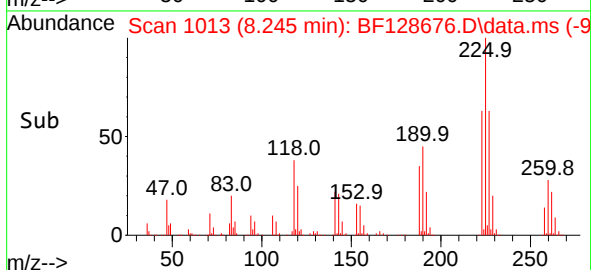
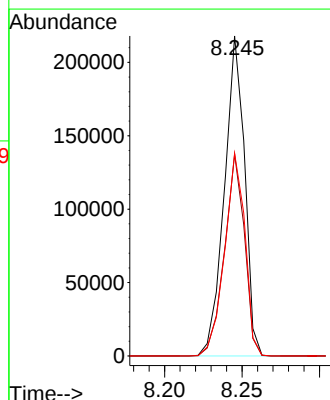
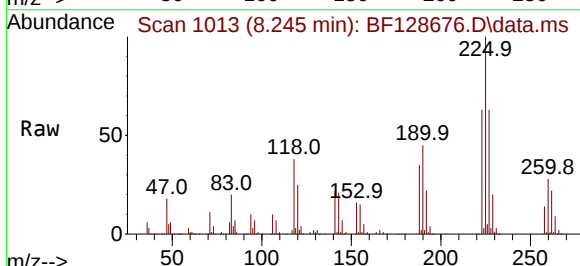
Tgt Ion:225 Resp: 197376

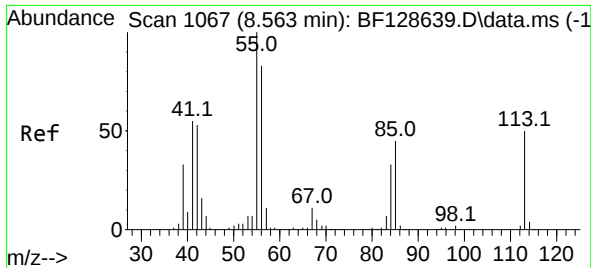
Ion Ratio Lower Upper

225 100

223 63.0 51.0 76.6

227 63.4 51.1 76.7

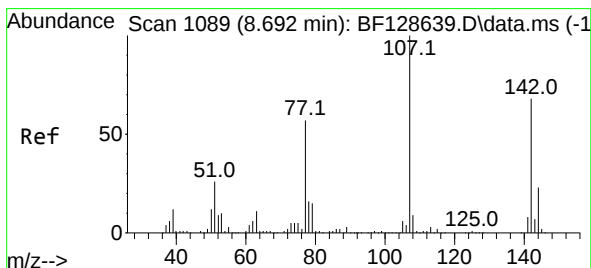
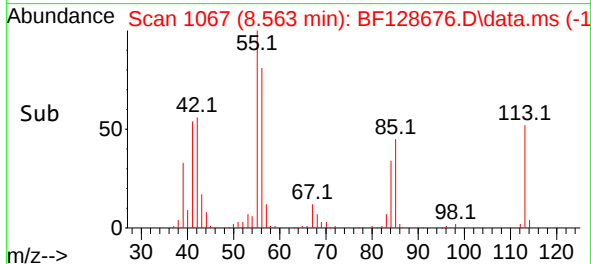
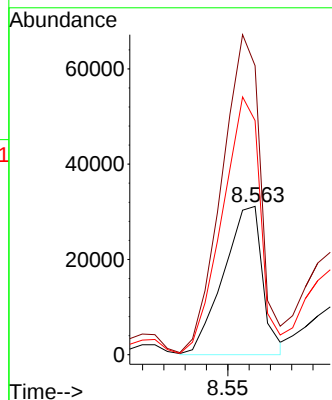
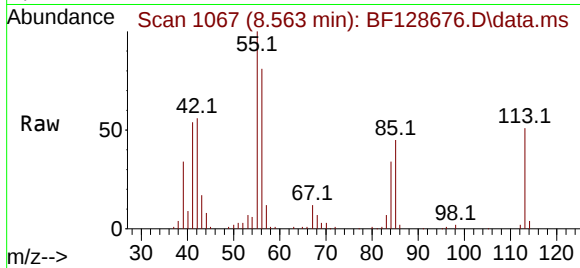




#35
 Caprolactam
 Concen: 28.161 ng
 RT: 8.563 min Scan# 1067
 Delta R.T. -0.000 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

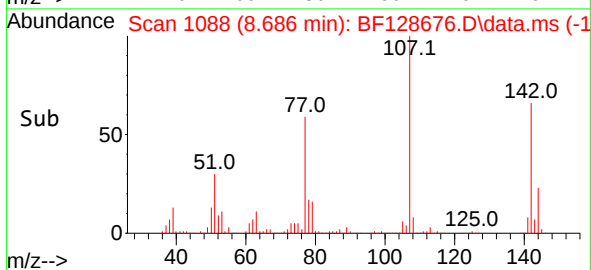
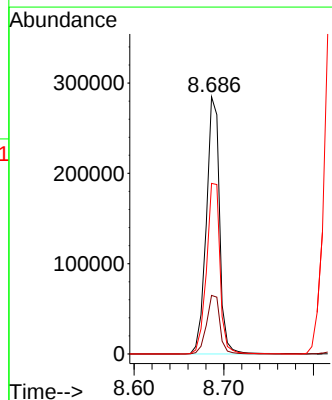
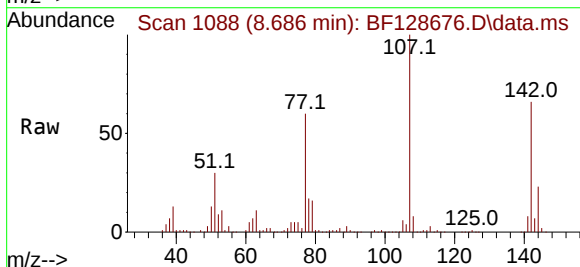
Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS

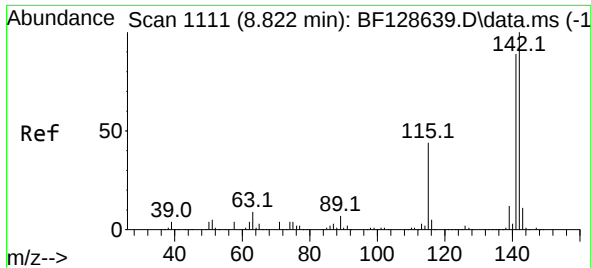
Tgt Ion:113 Resp: 39713
 Ion Ratio Lower Upper
 113 100
 55 194.9 188.5 228.5
 56 157.8 130.6 170.6



#36
 4-Chloro-3-methylphenol
 Concen: 52.361 ng
 RT: 8.686 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

Tgt Ion:107 Resp: 291426
 Ion Ratio Lower Upper
 107 100
 144 22.8 19.5 29.3
 142 66.3 58.2 87.4





#37

2-Methylnaphthalene

Concen: 50.948 ng

RT: 8.822 min Scan# 1111

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

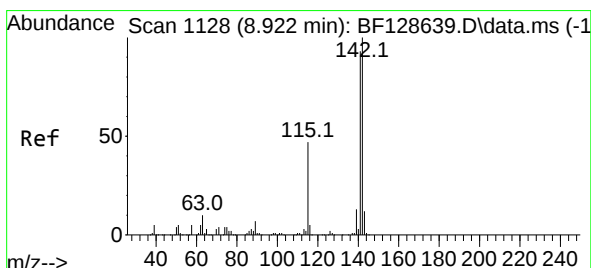
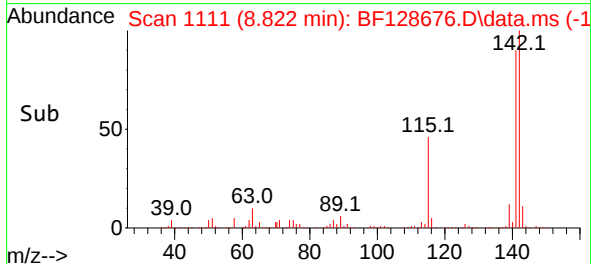
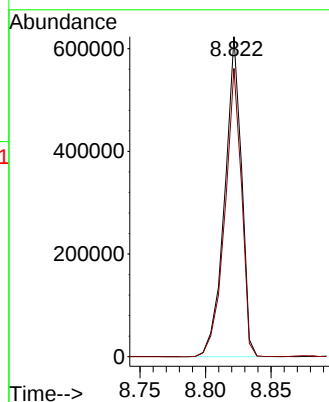
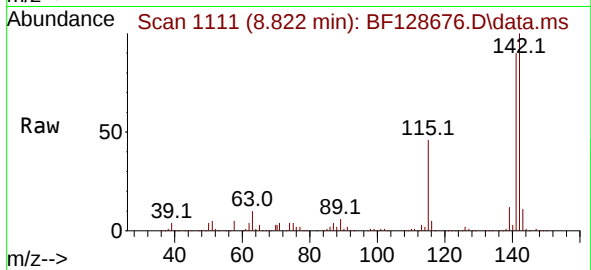
UST-BOTMS

Tgt Ion:142 Resp: 553719

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 50.699 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.000 min

Lab File: BF128676.D

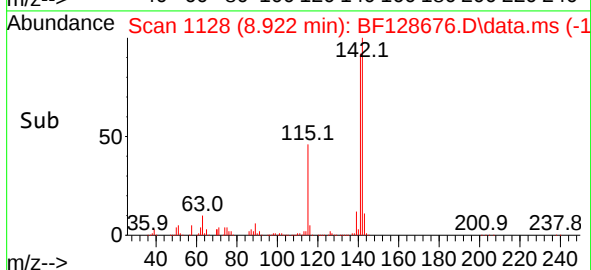
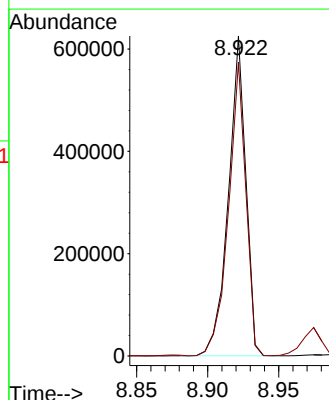
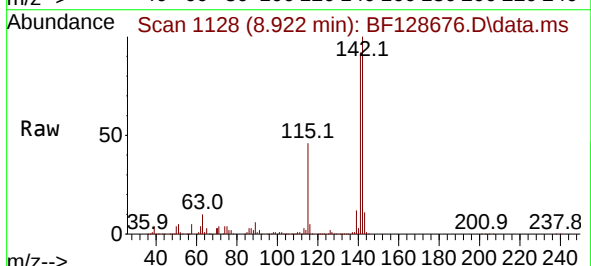
Acq: 03 Jun 2022 13:16

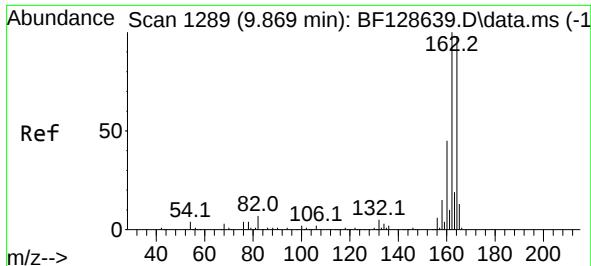
Tgt Ion:142 Resp: 532368

Ion Ratio Lower Upper

142 100

141 91.8 74.2 111.4

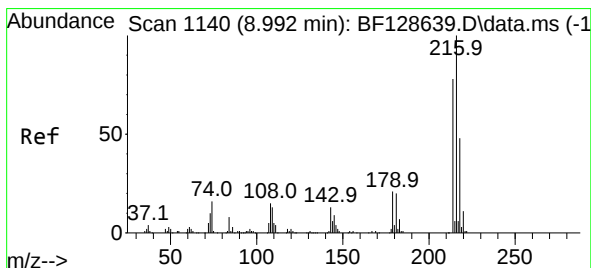
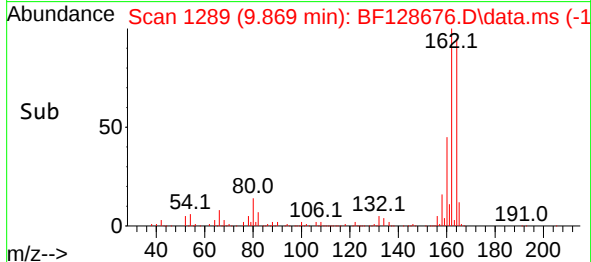
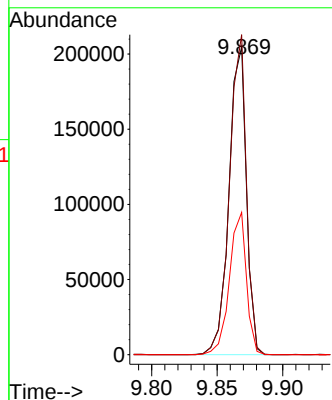
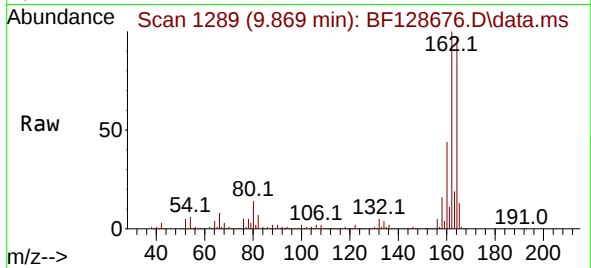




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

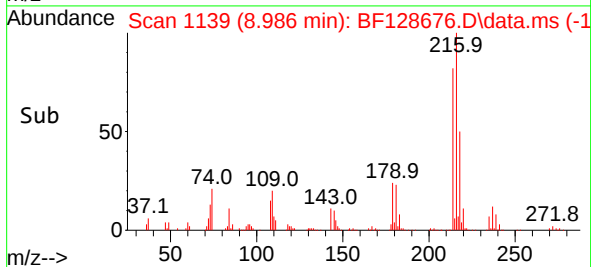
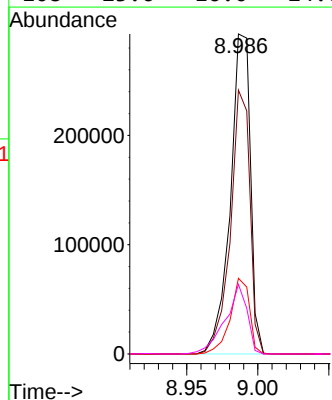
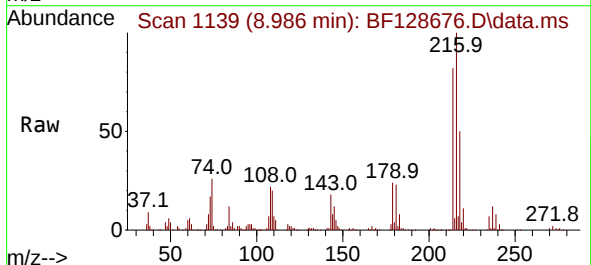
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

Tgt Ion:164 Resp: 189525
Ion Ratio Lower Upper
164 100
162 104.0 79.5 119.3
160 46.2 34.2 51.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.092 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:216 Resp: 288960
Ion Ratio Lower Upper
216 100
214 79.3 63.6 95.4
179 22.5 17.0 25.6
108 23.6 16.0 24.0

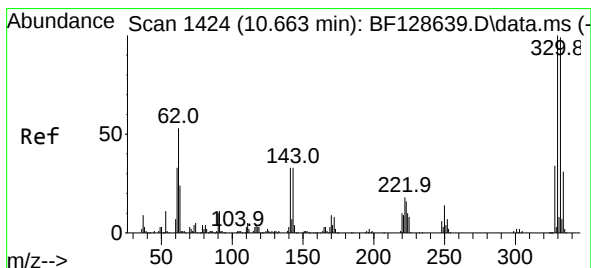
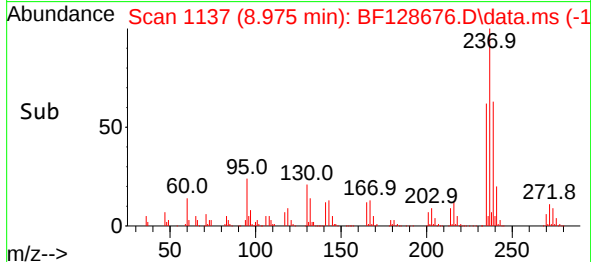
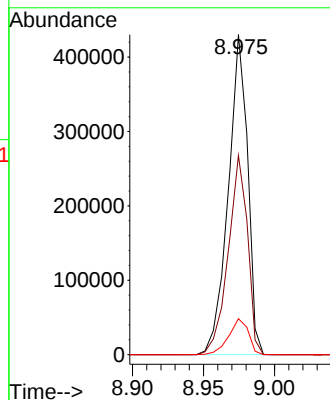
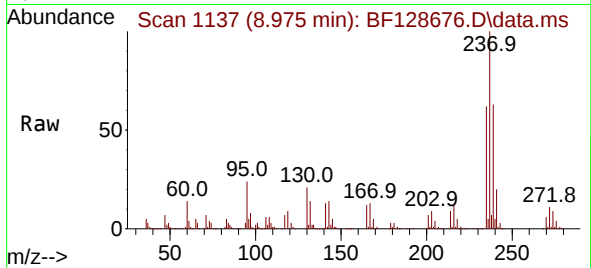




#41
Hexachlorocyclopentadiene
Concen: 115.151 ng
RT: 8.975 min Scan# 1137
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

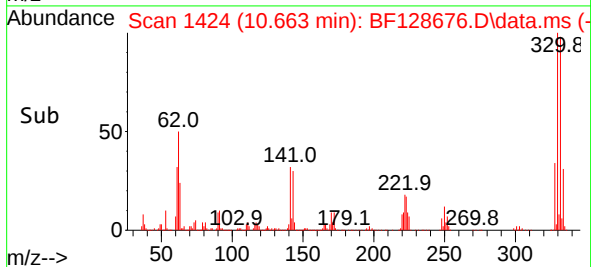
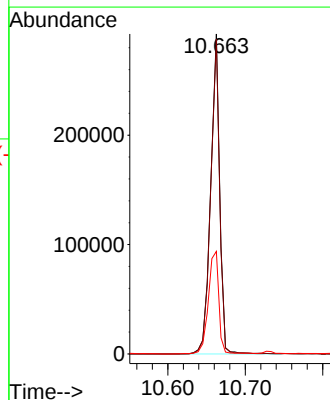
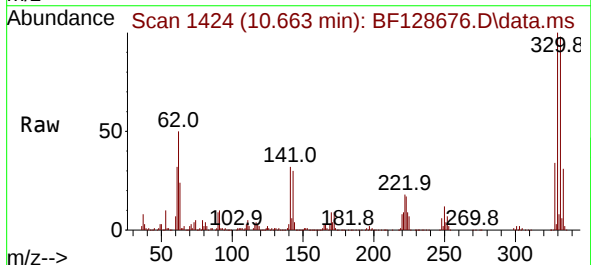
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

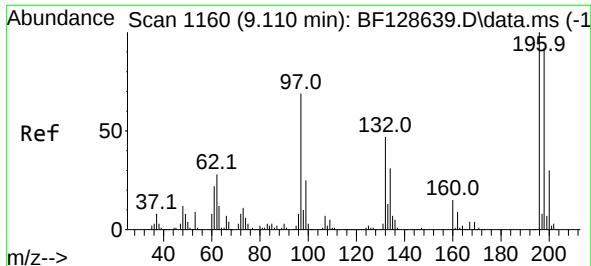
Tgt Ion:237 Resp: 407419
Ion Ratio Lower Upper
237 100
235 62.3 43.2 83.2
272 11.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 105.726 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:330 Resp: 236755
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 37.7 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 49.029 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

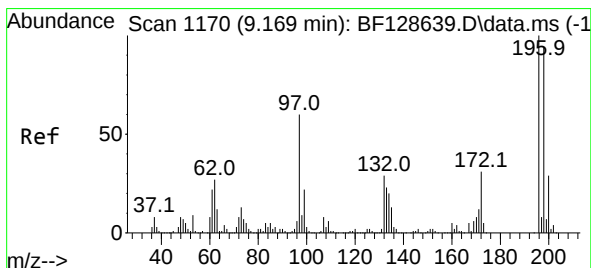
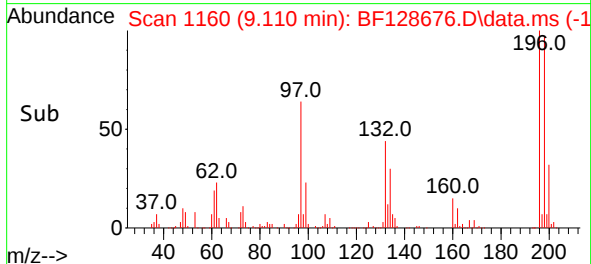
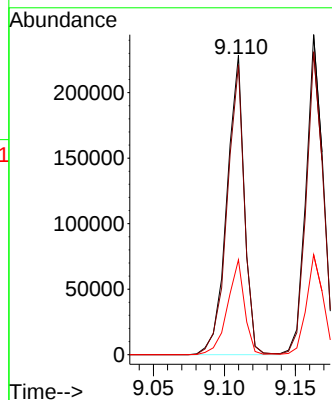
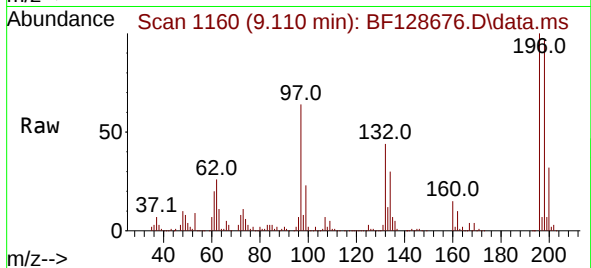
Tgt Ion:196 Resp: 195155

Ion Ratio Lower Upper

196 100

198 96.8 74.0 111.0

200 31.7 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 50.240 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Tgt Ion:196 Resp: 206663

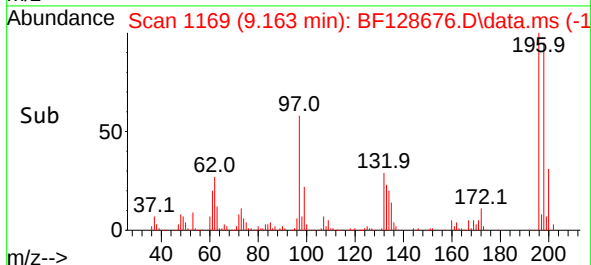
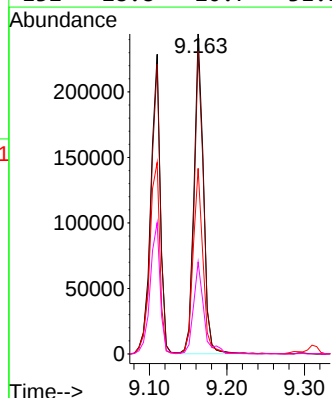
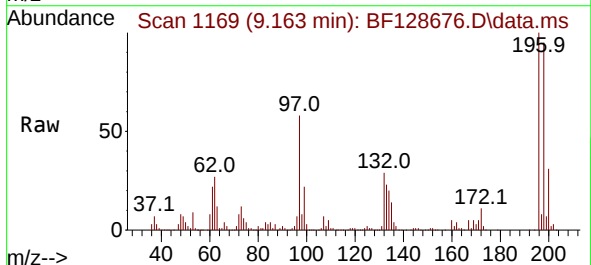
Ion Ratio Lower Upper

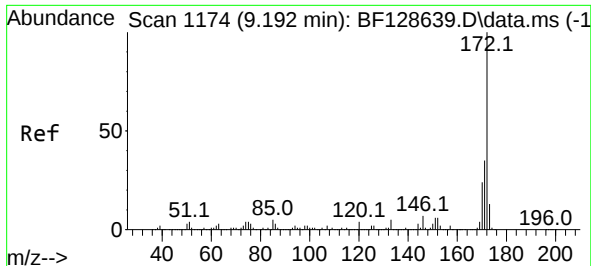
196 100

198 94.6 75.7 113.5

97 58.0 36.4 54.6#

132 28.8 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 70.235 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

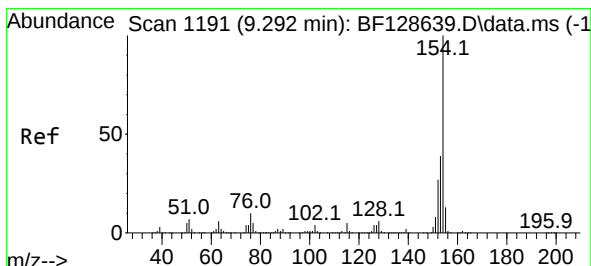
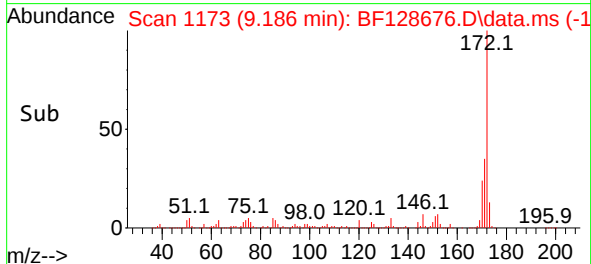
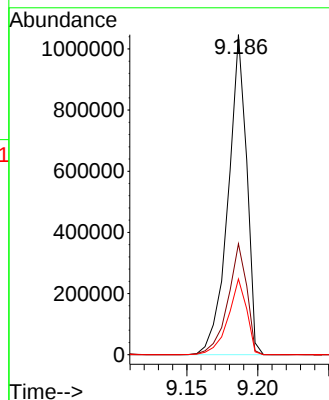
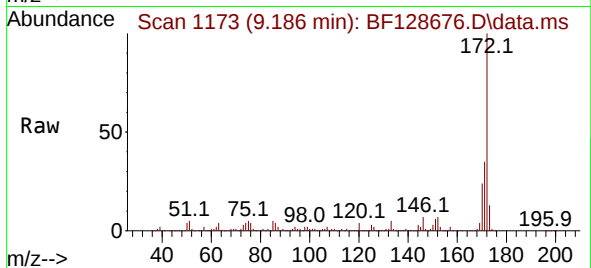
Tgt Ion:172 Resp: 950262

Ion Ratio Lower Upper

172 100

171 34.6 28.8 43.2

170 23.7 19.8 29.8



#46

1,1'-Biphenyl

Concen: 50.149 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

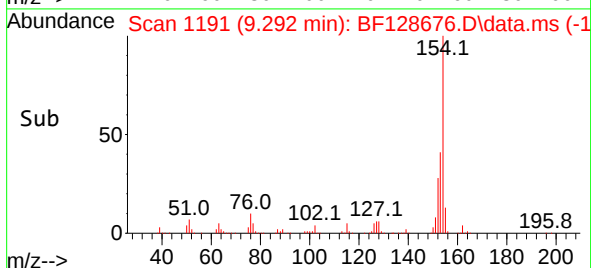
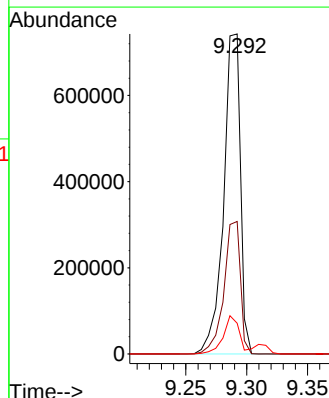
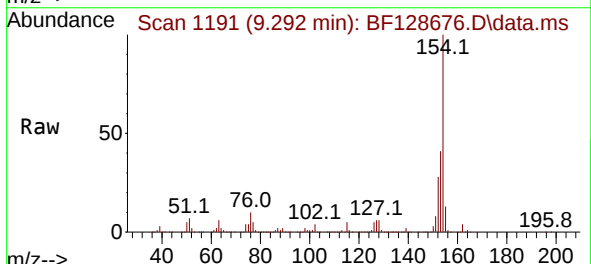
Tgt Ion:154 Resp: 713133

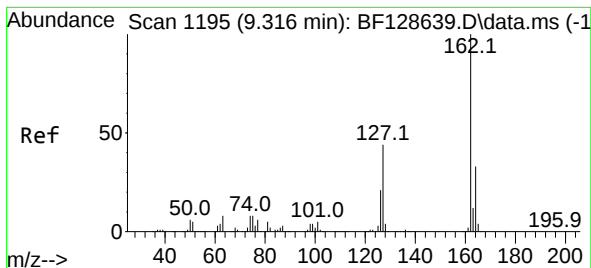
Ion Ratio Lower Upper

154 100

153 41.4 20.6 60.6

76 9.6 0.0 33.3

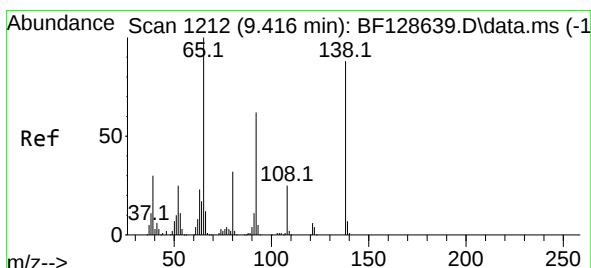
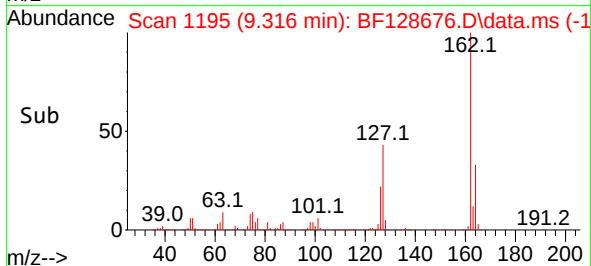
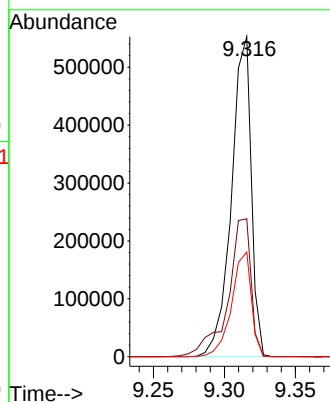
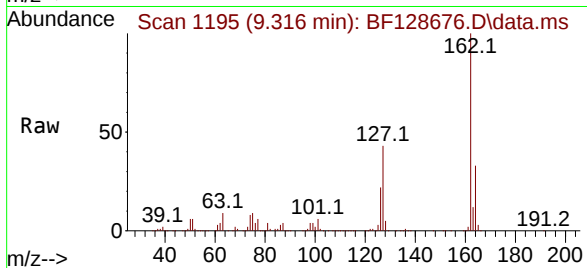




#47
2-Chloronaphthalene
Concen: 49.615 ng
RT: 9.316 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

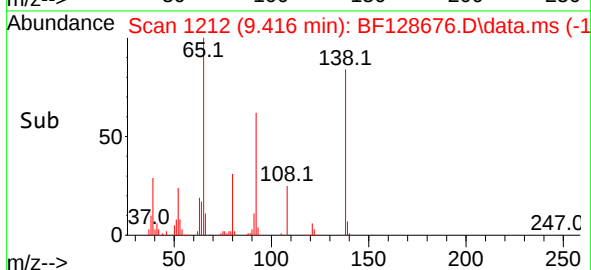
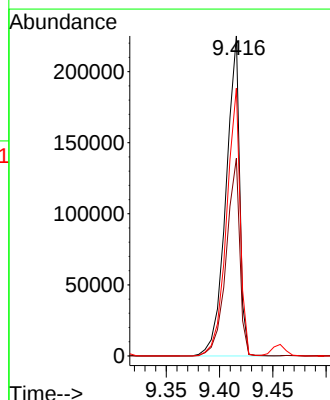
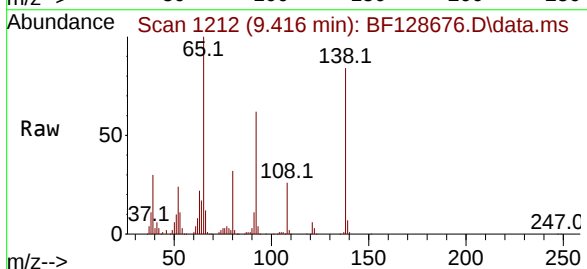
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

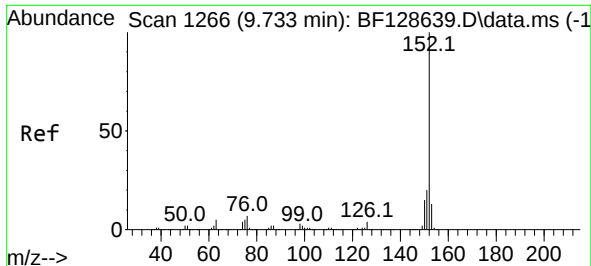
Tgt Ion:162 Resp: 538369
Ion Ratio Lower Upper
162 100
127 43.1 34.5 51.7
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 54.202 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion: 65 Resp: 201122
Ion Ratio Lower Upper
65 100
92 61.8 51.9 77.9
138 83.7 76.4 114.6

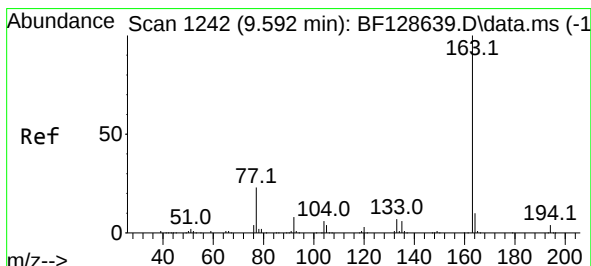
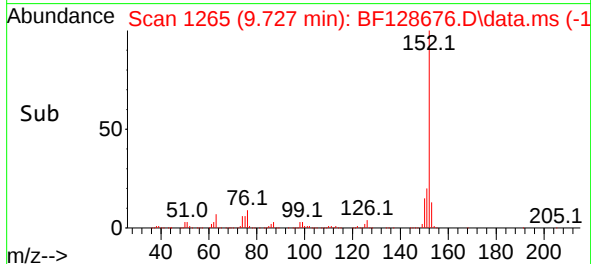
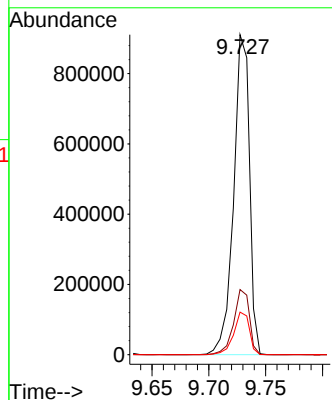
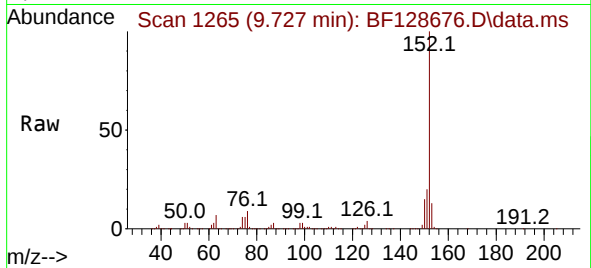




#49
Acenaphthylene
Concen: 53.019 ng
RT: 9.727 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

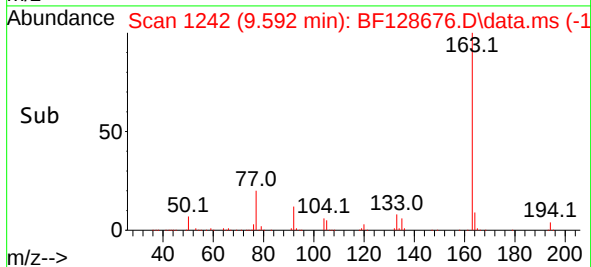
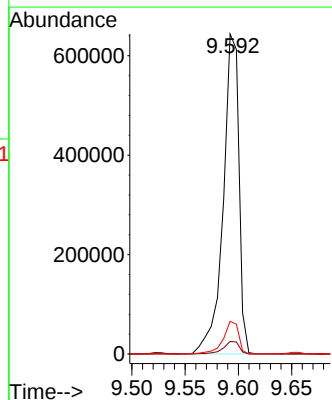
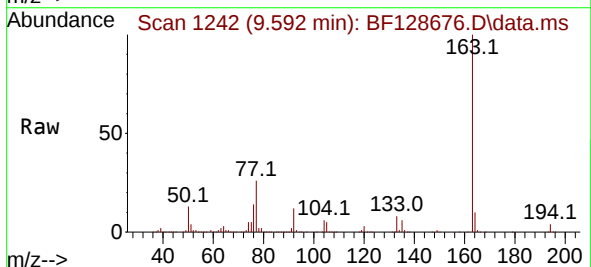
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

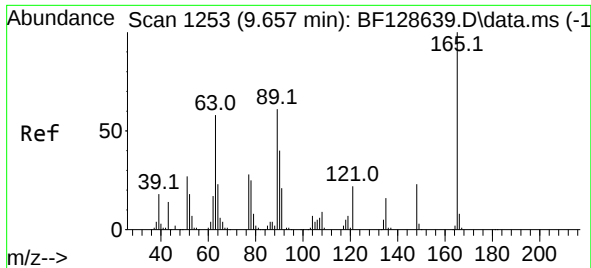
Tgt Ion:152 Resp: 880744
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.7 16.1



#50
Dimethylphthalate
Concen: 50.965 ng
RT: 9.592 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:163 Resp: 661141
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.2 12.2

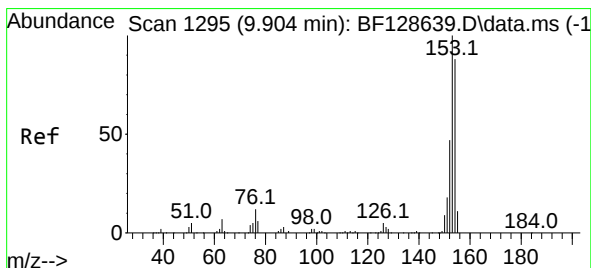
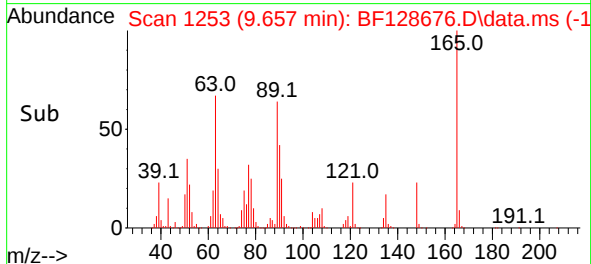
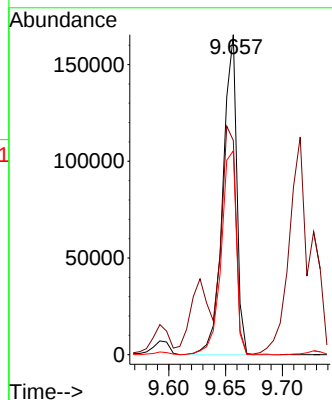
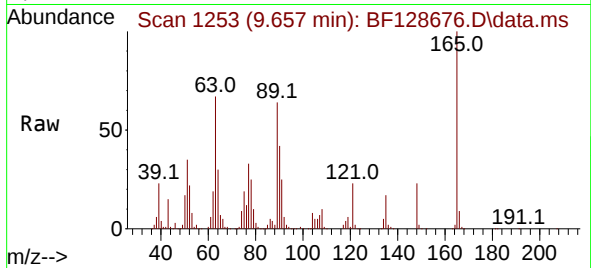




#51
2,6-Dinitrotoluene
Concen: 55.322 ng
RT: 9.657 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

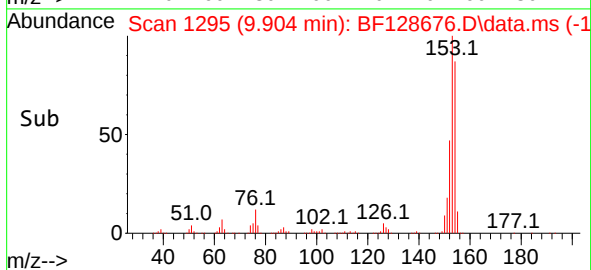
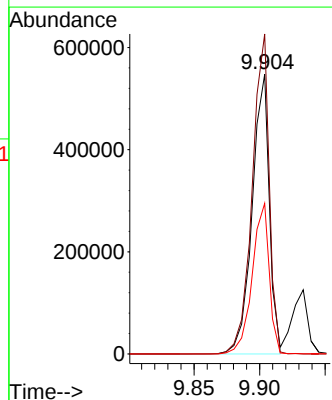
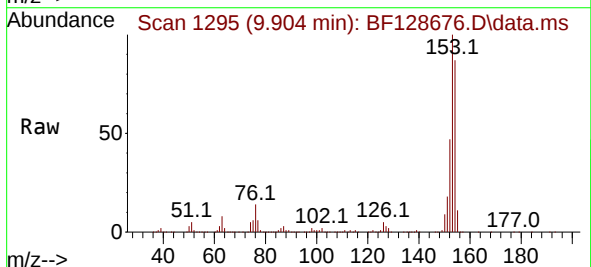
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

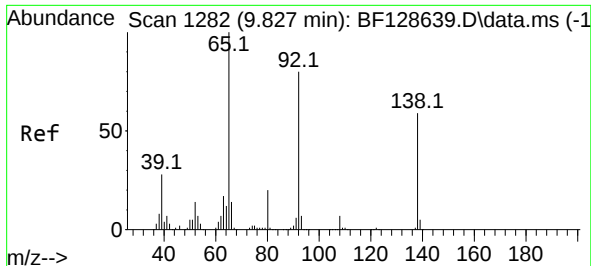
Tgt Ion:165 Resp: 141648
Ion Ratio Lower Upper
165 100
63 67.0 44.9 67.3
89 63.7 43.6 65.4



#52
Acenaphthene
Concen: 46.072 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:154 Resp: 498405
Ion Ratio Lower Upper
154 100
153 114.4 89.6 134.4
152 53.9 42.4 63.6

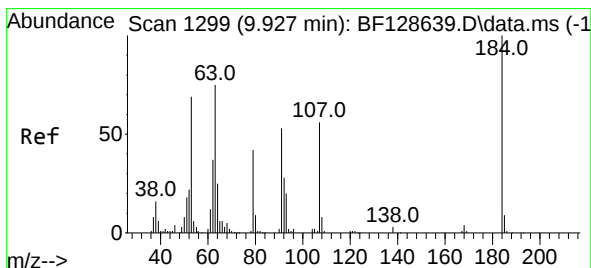
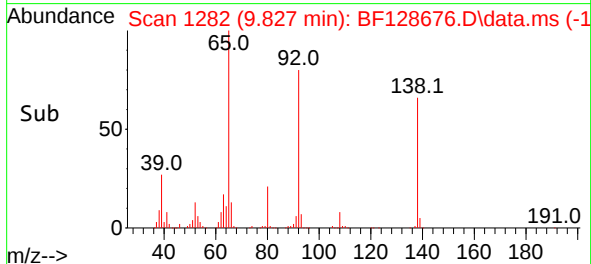
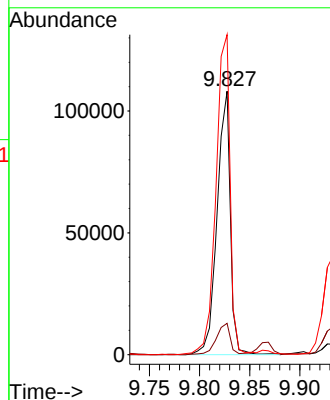
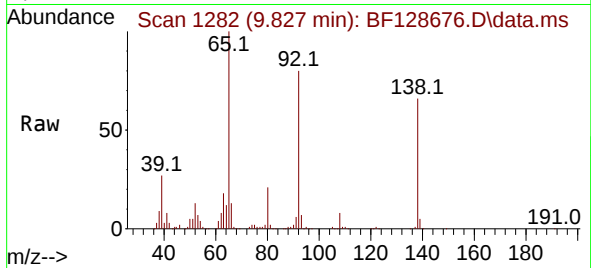




#53
3-Nitroaniline
Concen: 35.719 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

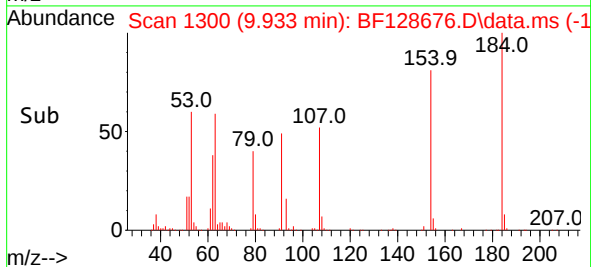
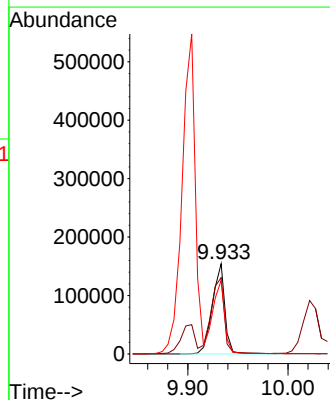
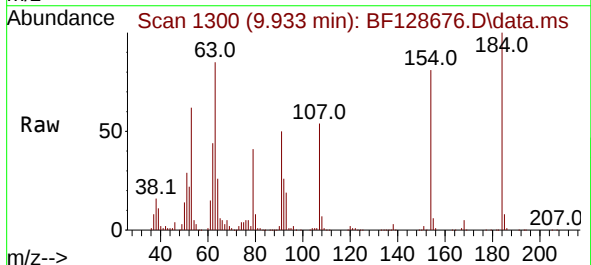
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

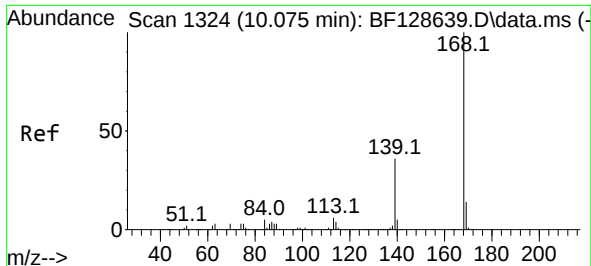
Tgt Ion:138 Resp: 99258
Ion Ratio Lower Upper
138 100
108 11.9 10.9 16.3
92 121.4 98.2 147.2



#54
2,4-Dinitrophenol
Concen: 94.346 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:184 Resp: 134549
Ion Ratio Lower Upper
184 100
63 84.6 64.5 96.7
154 81.4 50.6 75.8#

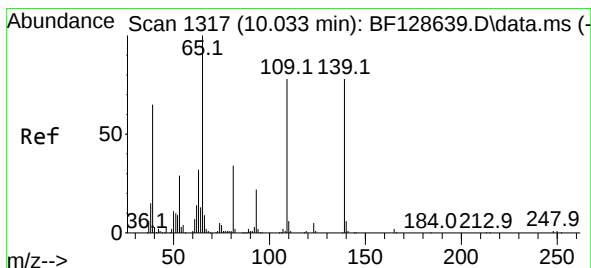
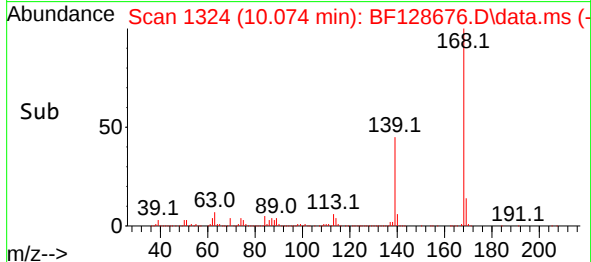
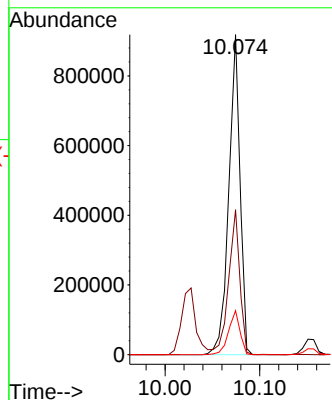
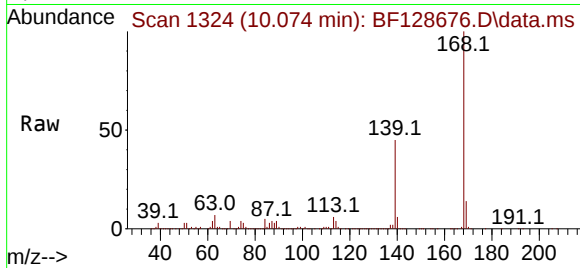




#55
Dibenzenofuran
Concen: 48.968 ng
RT: 10.074 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

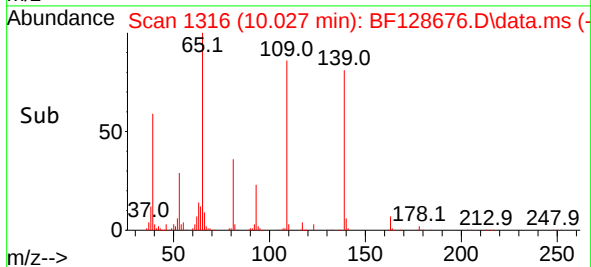
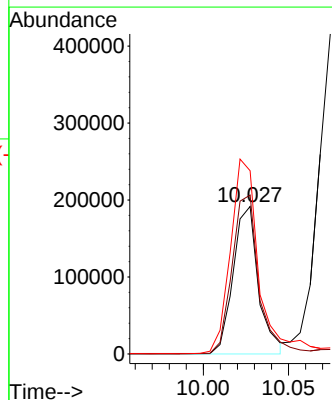
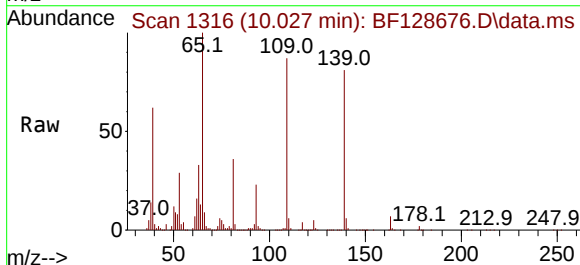
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

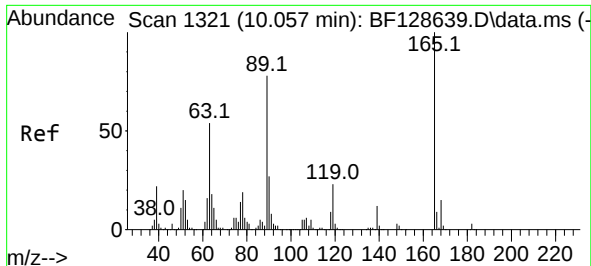
Tgt Ion:168 Resp: 761320
Ion Ratio Lower Upper
168 100
139 45.3 30.6 46.0
169 13.7 11.0 16.6



#56
4-Nitrophenol
Concen: 98.515 ng
RT: 10.027 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:139 Resp: 198440
Ion Ratio Lower Upper
139 100
109 107.7 50.7 90.7#
65 124.2 74.5 114.5#

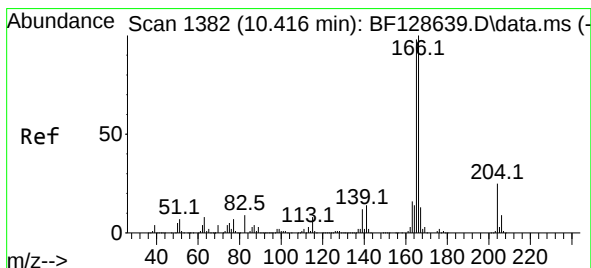
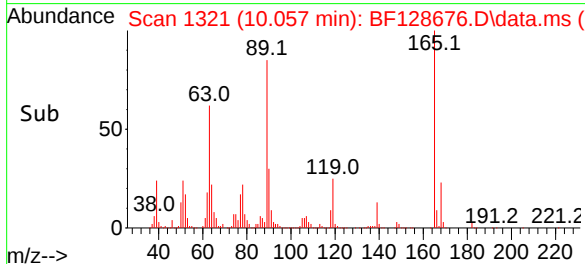
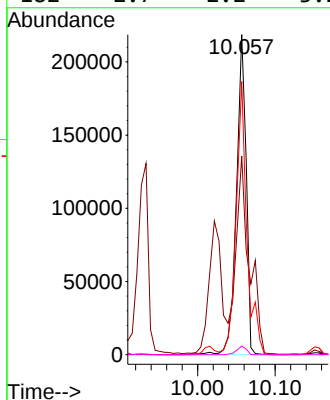
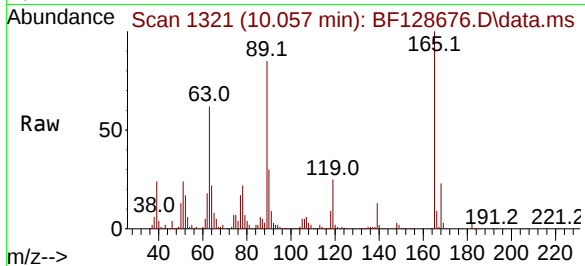




#57
2,4-Dinitrotoluene
Concen: 55.979 ng
RT: 10.057 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

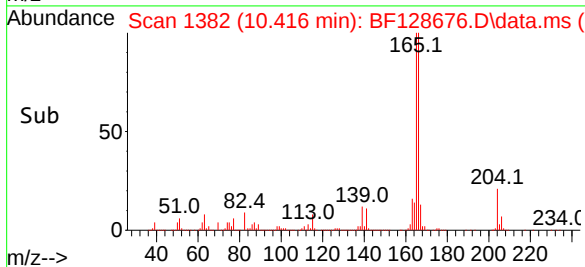
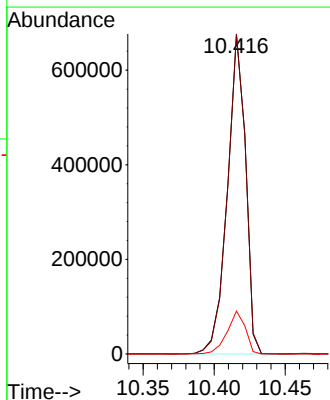
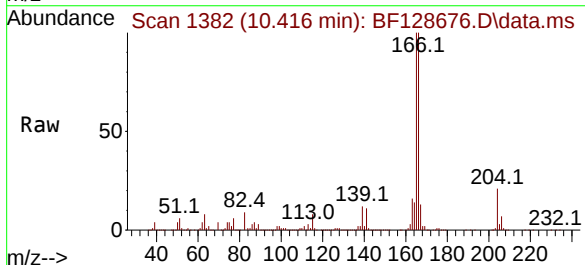
Instrument :
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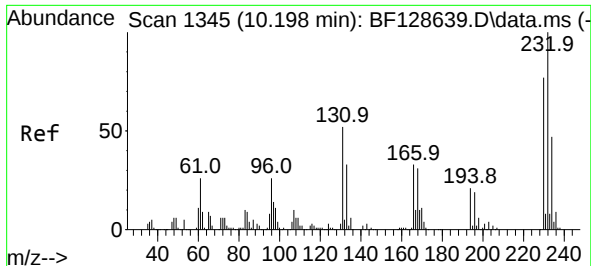
Tgt Ion:165 Resp: 191280
Ion Ratio Lower Upper
165 100
63 62.0 39.8 59.6#
89 85.3 60.2 90.2
182 2.7 2.2 3.2



#58
Fluorene
Concen: 49.889 ng
RT: 10.416 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:166 Resp: 601517
Ion Ratio Lower Upper
166 100
165 100.0 78.1 117.1
167 13.4 10.5 15.7

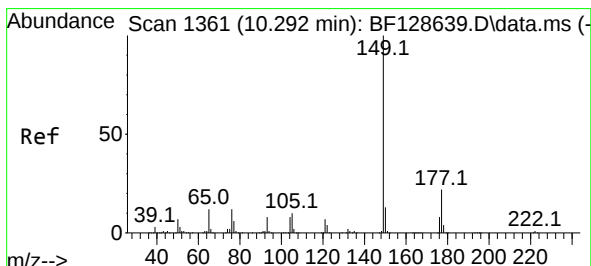
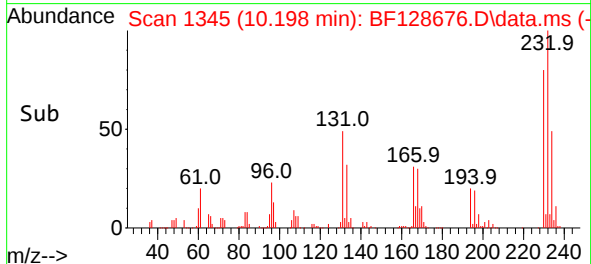
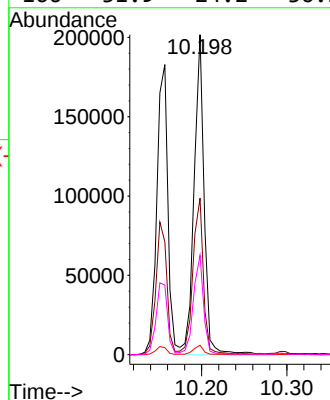
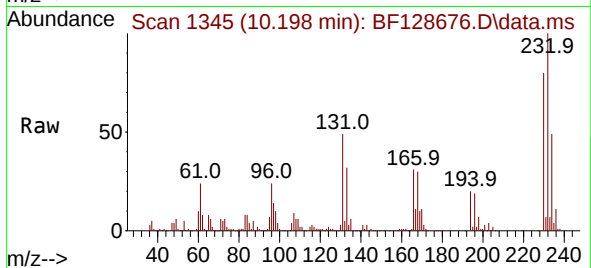




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.196 ng
RT: 10.198 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

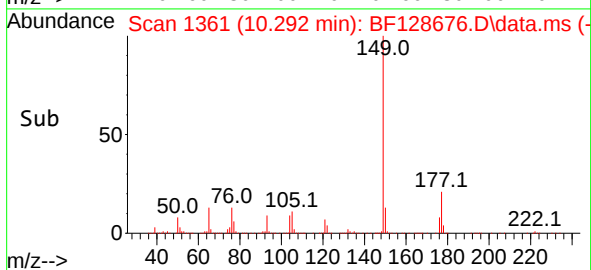
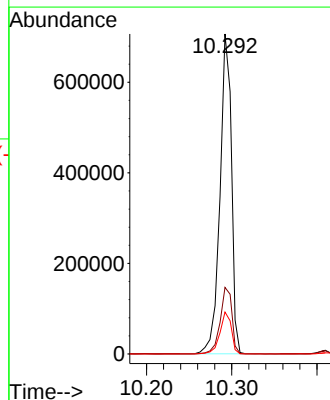
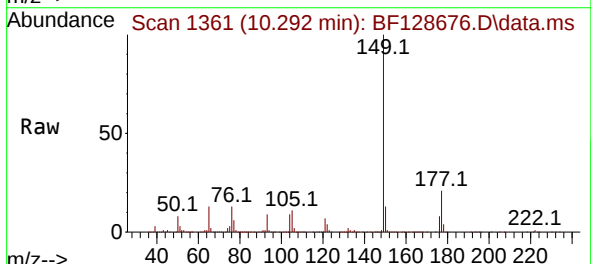
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

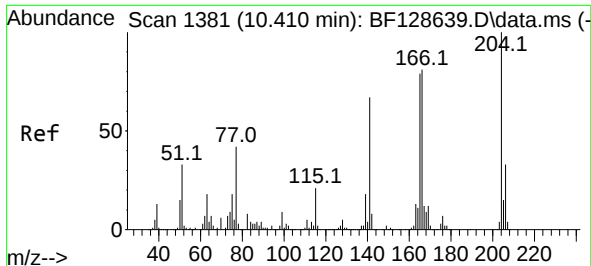
Tgt Ion:232 Resp: 163752
Ion Ratio Lower Upper
232 100
131 51.6 36.1 54.1
130 3.1 1.8 2.8#
166 31.9 24.2 36.2



#60
Diethylphthalate
Concen: 50.601 ng
RT: 10.292 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:149 Resp: 659746
Ion Ratio Lower Upper
149 100
177 20.8 17.3 25.9
150 13.1 10.2 15.2

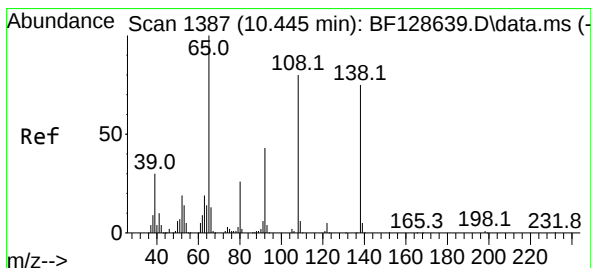
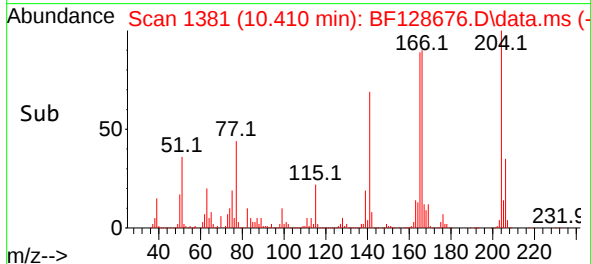
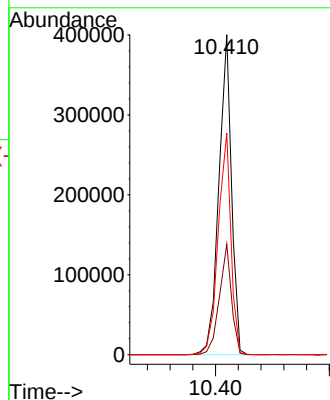
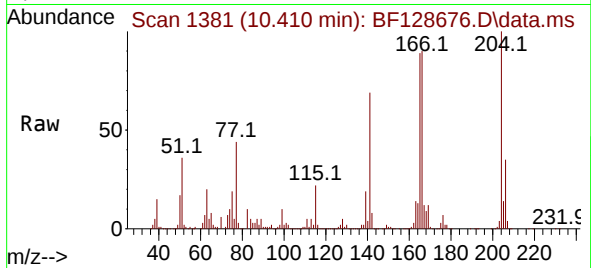




#61
4-Chlorophenyl-phenylether
Concen: 49.598 ng
RT: 10.410 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

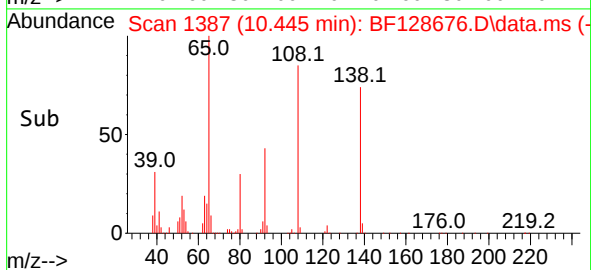
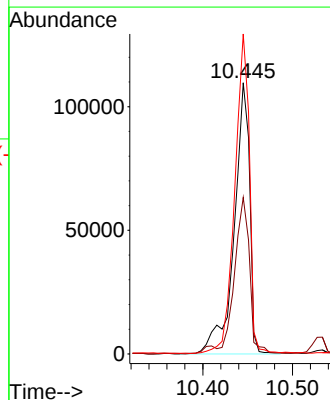
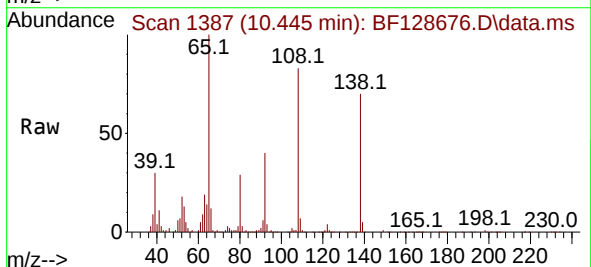
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

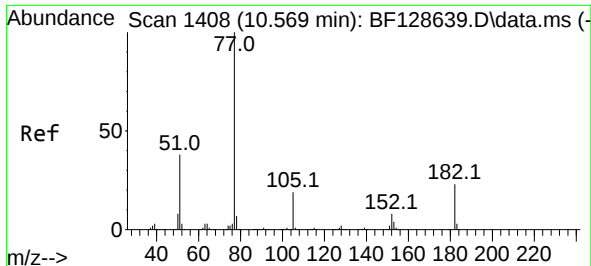
Tgt Ion:204 Resp: 310172
Ion Ratio Lower Upper
204 100
206 34.6 25.8 38.6
141 69.3 47.0 70.4



#62
4-Nitroaniline
Concen: 46.933 ng
RT: 10.445 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:138 Resp: 132051
Ion Ratio Lower Upper
138 100
92 57.7 33.5 73.5
108 118.0 61.0 101.0#

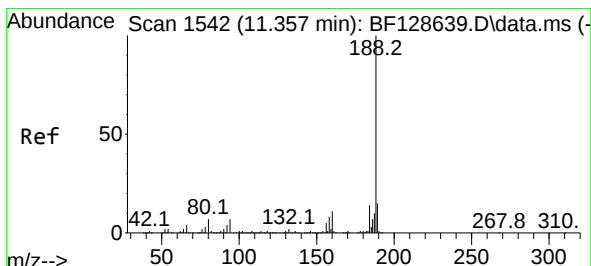
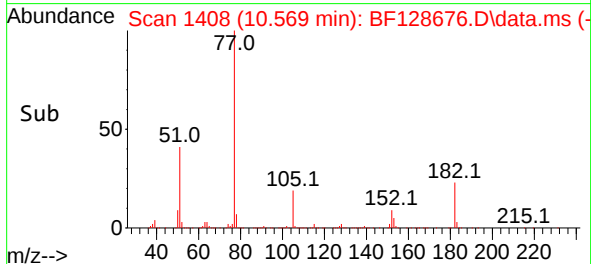
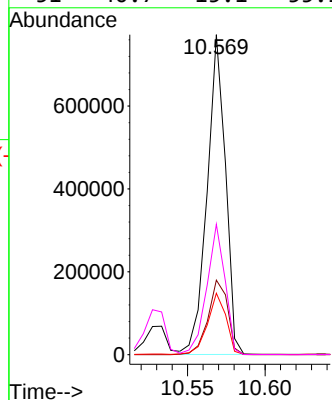
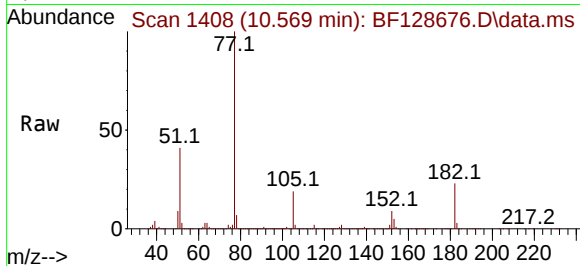




#63
Azobenzene
Concen: 49.393 ng
RT: 10.569 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

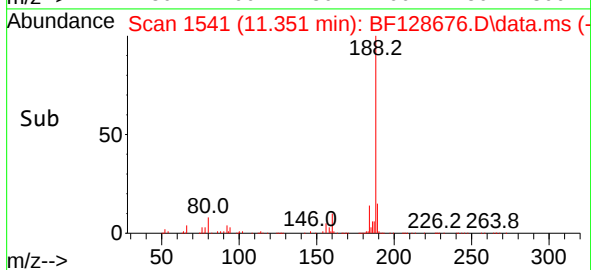
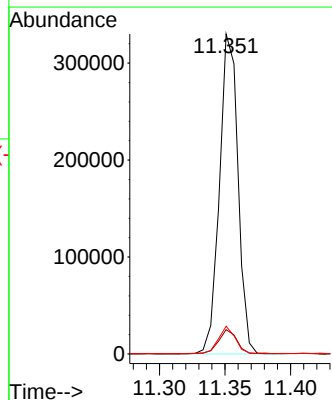
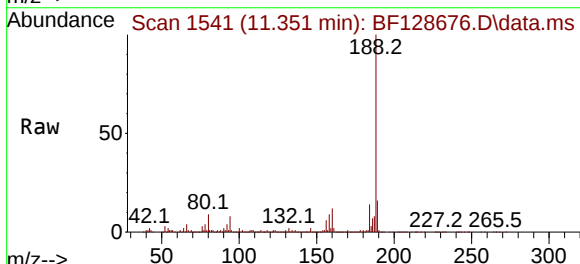
Instrument :
BNA_F
ClientSampleId :
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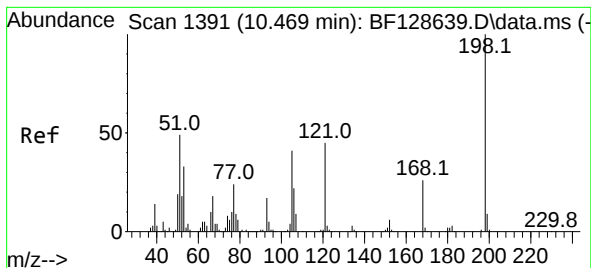
Tgt Ion: 77	Resp: 633990
Ion Ratio	Lower Upper
77 100	
182 23.3	5.6 45.6
105 19.2	1.6 41.6
51 40.7	15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:188	Resp: 323377		
Ion Ratio	Lower	Upper	
188 100			
94 7.6	7.0	10.6	
80 8.6	7.6	11.4	

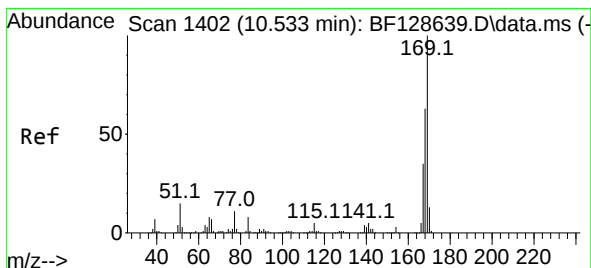
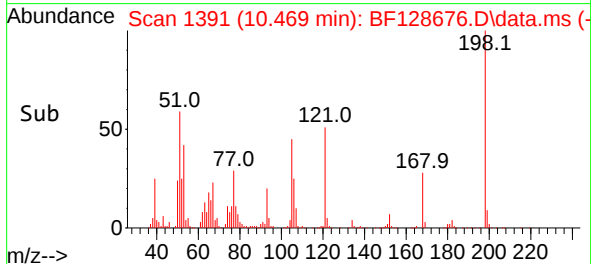
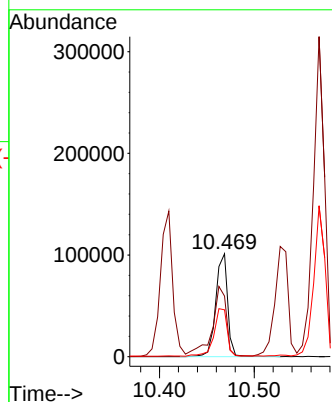
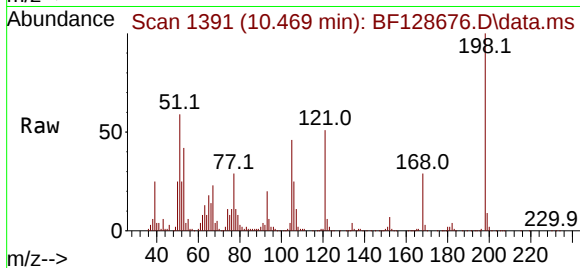




#65
4,6-Dinitro-2-methylphenol
Concen: 45.981 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

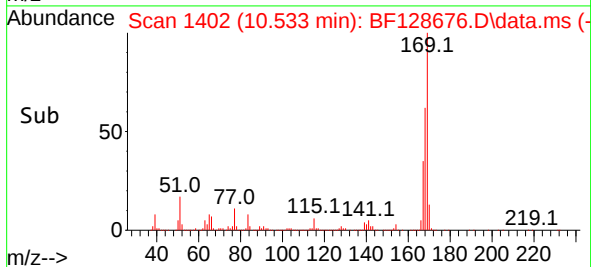
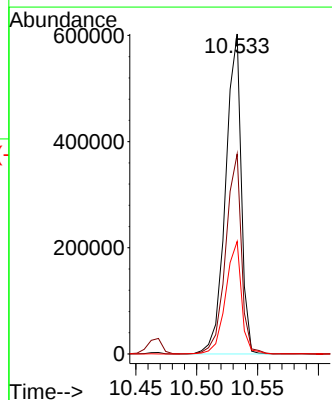
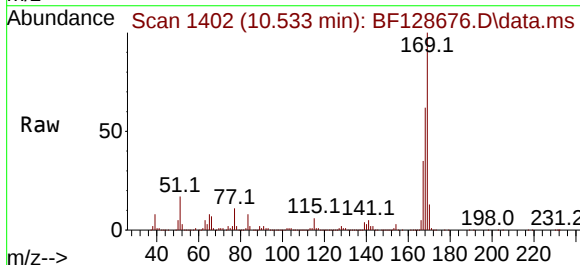
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

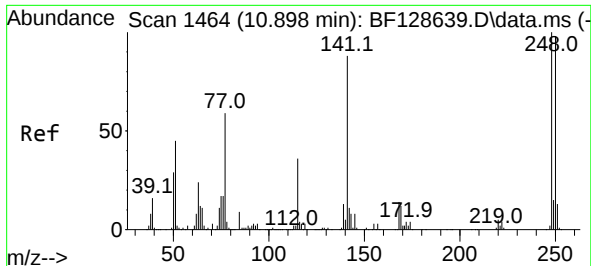
Tgt Ion:198 Resp: 87750
Ion Ratio Lower Upper
198 100
51 59.0 37.6 77.6
105 45.6 27.0 67.0



#66
n-Nitrosodiphenylamine
Concen: 54.347 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:169 Resp: 540180
Ion Ratio Lower Upper
169 100
168 62.5 50.1 75.1
167 35.2 27.9 41.9

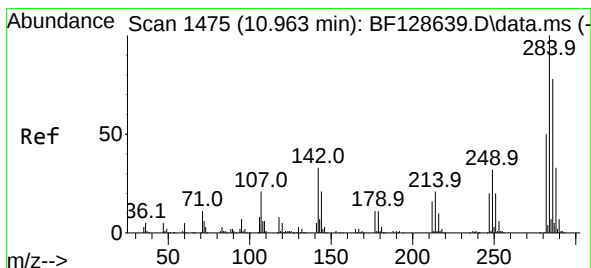
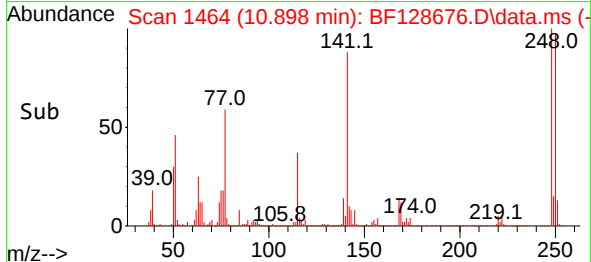
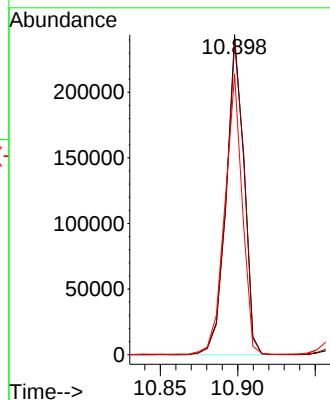
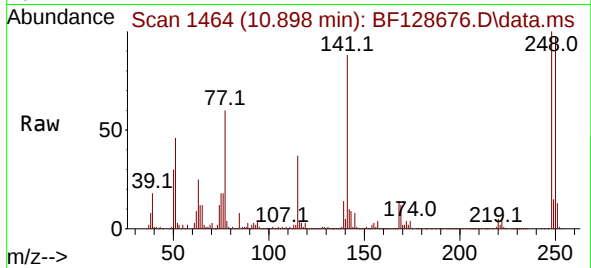




#67
4-Bromophenyl-phenylether
Concen: 53.777 ng
RT: 10.898 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

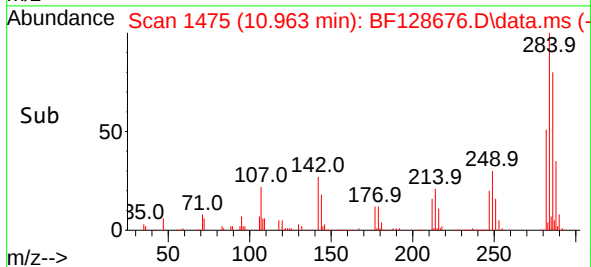
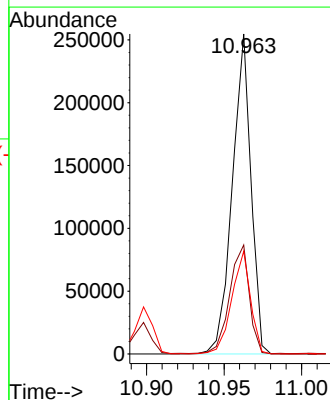
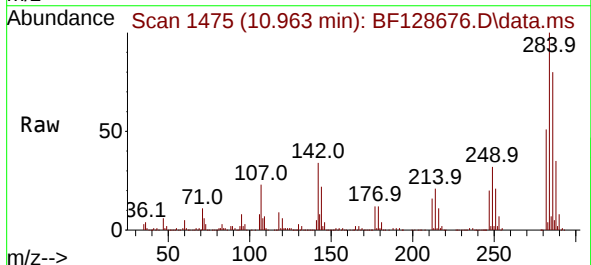
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

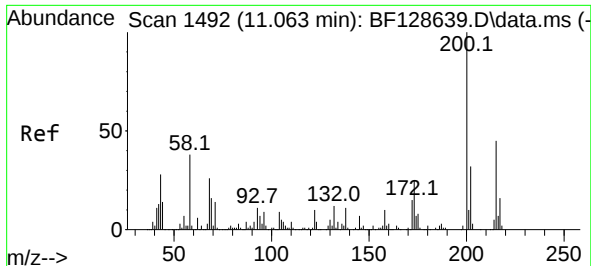
Tgt Ion:248 Resp: 193932
Ion Ratio Lower Upper
248 100
250 97.4 80.6 120.8
141 87.8 58.9 88.3



#68
Hexachlorobenzene
Concen: 53.156 ng
RT: 10.963 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:284 Resp: 212890
Ion Ratio Lower Upper
284 100
142 34.0 29.0 43.4
249 32.1 25.0 37.6

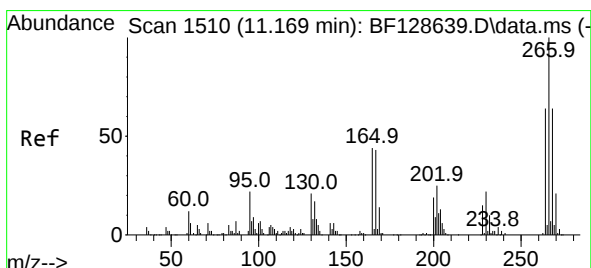
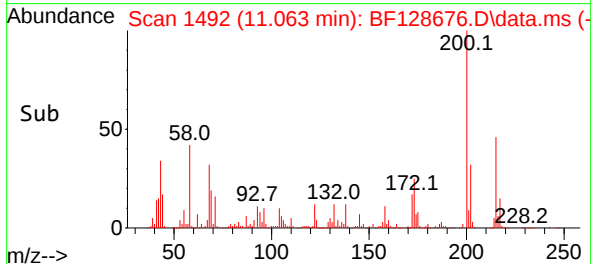
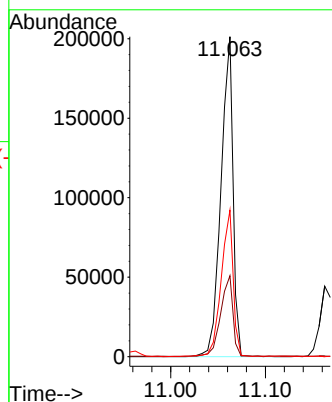
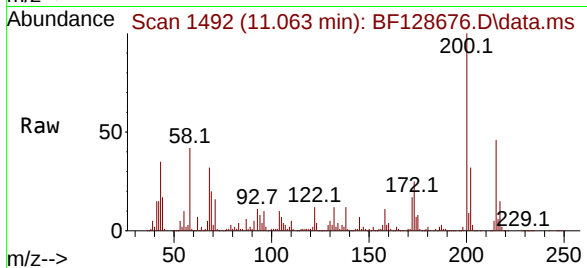




#69
 Atrazine
 Concen: 55.859 ng
 RT: 11.063 min Scan# 1492
 Delta R.T. -0.000 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

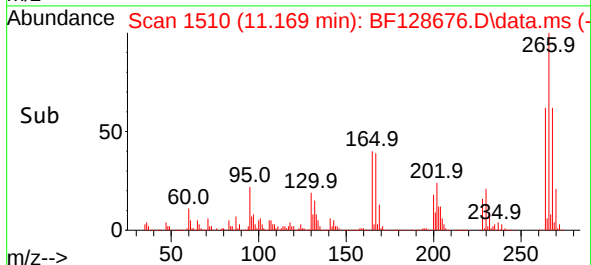
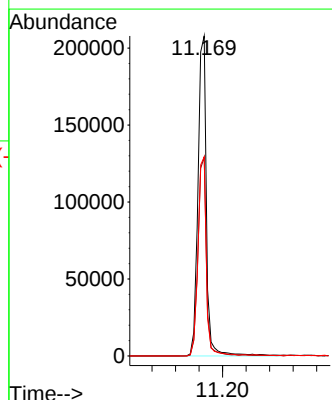
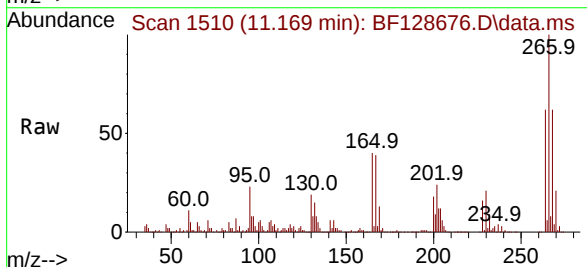
Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS

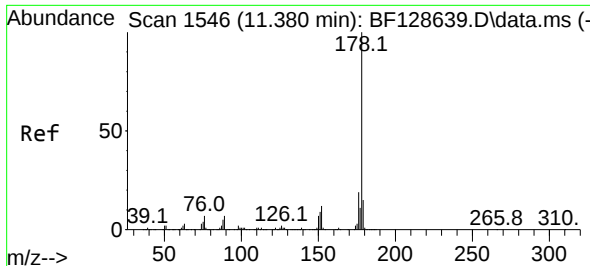
Tgt Ion:200 Resp: 178545
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.3 46.3
 215 45.8 28.3 68.3



#70
 Pentachlorophenol
 Concen: 103.354 ng
 RT: 11.169 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

Tgt Ion:266 Resp: 206625
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.0 76.4
 264 62.2 49.4 74.2

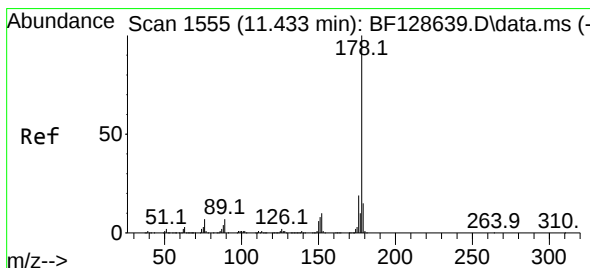
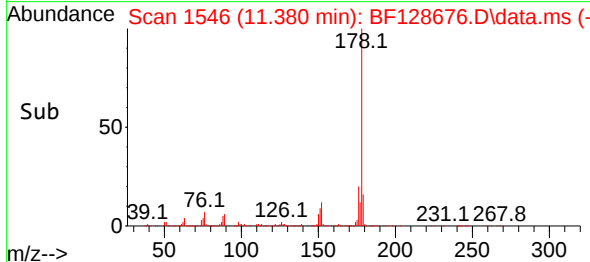
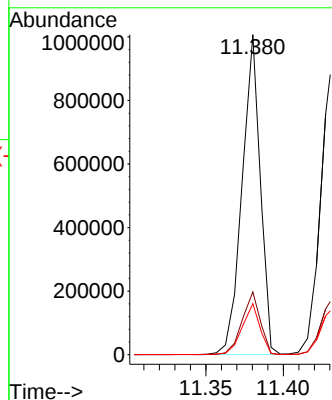
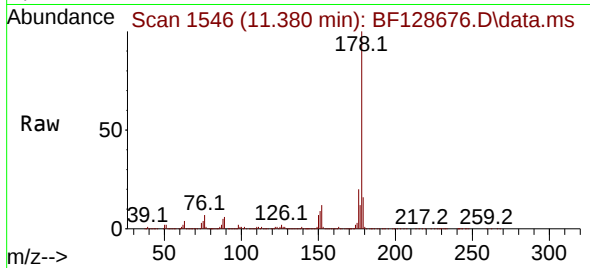




#71
Phenanthrene
Concen: 50.717 ng
RT: 11.380 min Scan# 1546
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

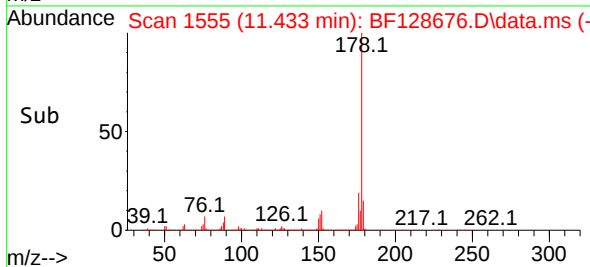
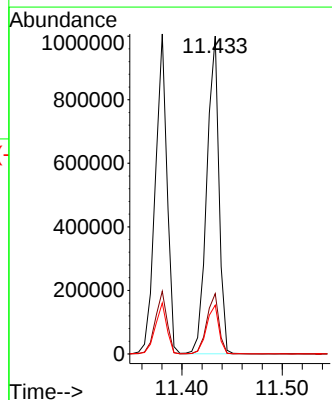
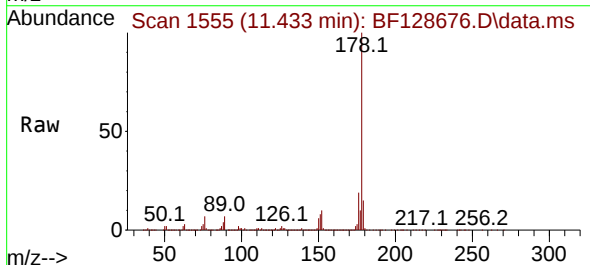
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

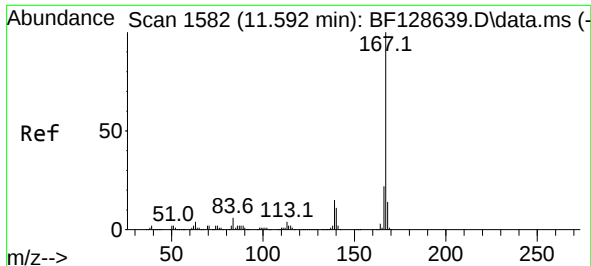
Tgt Ion:178 Resp: 822622
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.9 12.6 19.0



#72
Anthracene
Concen: 52.542 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:178 Resp: 843521
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.3 12.6 19.0

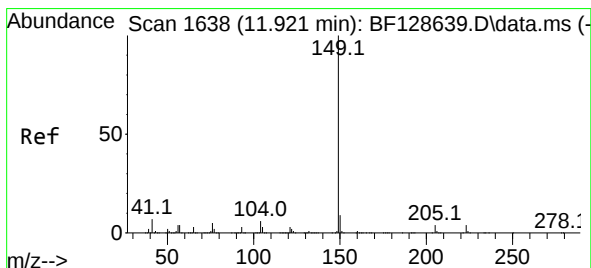
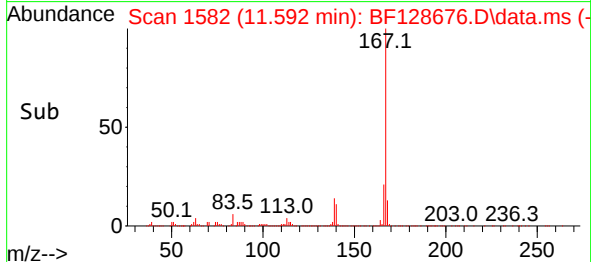
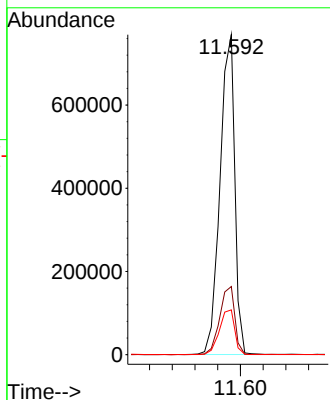
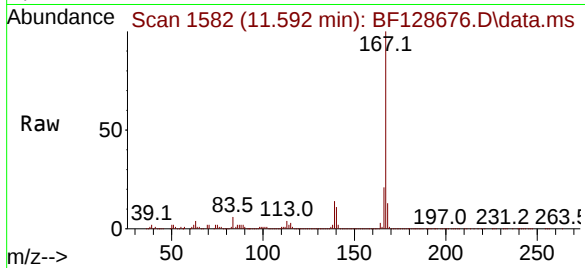




#73
 Carbazole
 Concen: 46.592 ng
 RT: 11.592 min Scan# 1582
 Delta R.T. -0.000 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

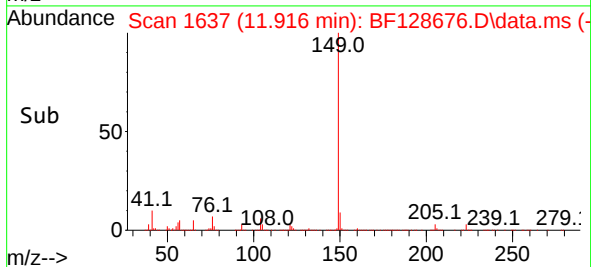
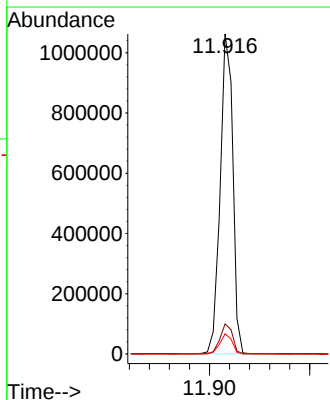
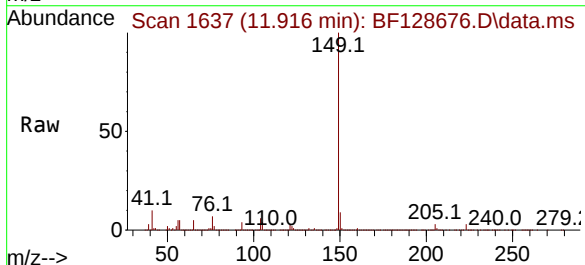
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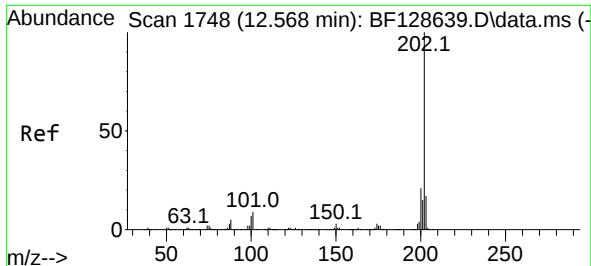
Tgt Ion:167 Resp: 694735
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.7 26.5
 139 14.0 11.2 16.8



#74
 Di-n-butylphthalate
 Concen: 50.808 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. -0.006 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

Tgt Ion:149 Resp: 922429
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 6.3 4.4 6.6

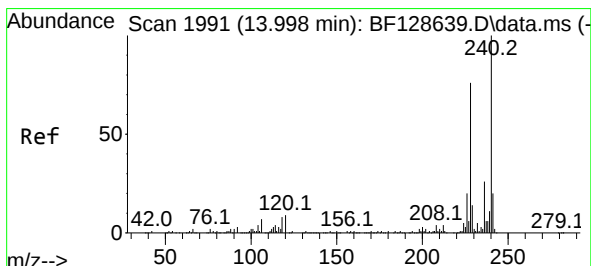
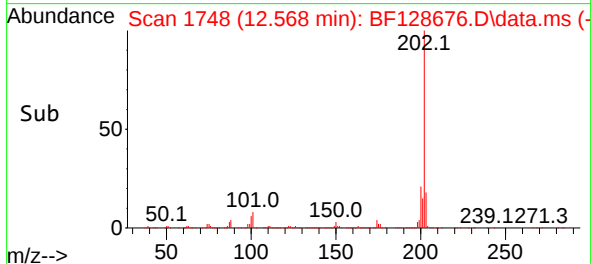
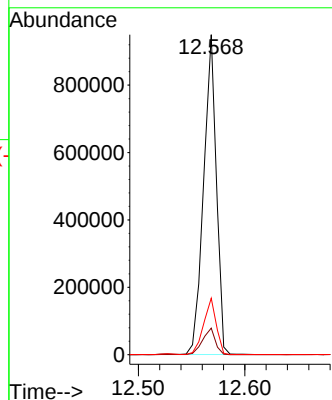
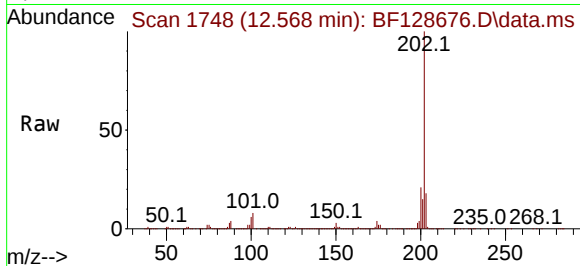




#75
Fluoranthene
Concen: 46.843 ng
RT: 12.568 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

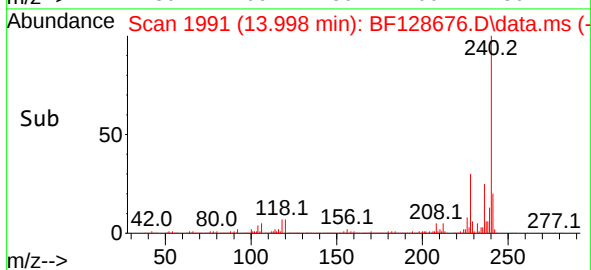
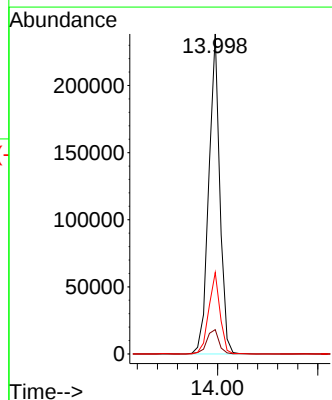
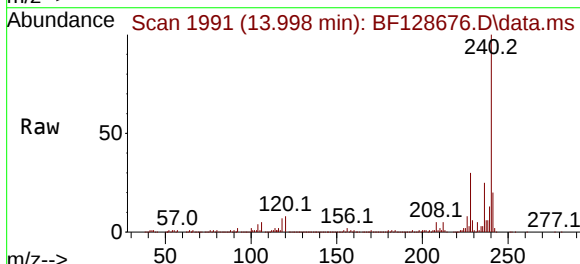
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BNA_F
ClientSampleId :
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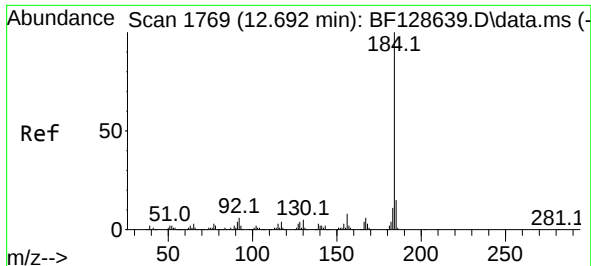
Tgt Ion:202 Resp: 794209
Ion Ratio Lower Upper
202 100
101 8.3 0.0 31.4
203 17.6 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:240 Resp: 183013
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.4 20.8 31.2

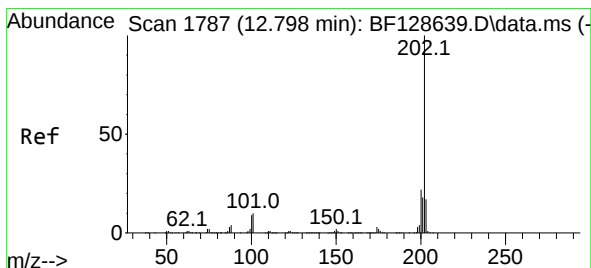
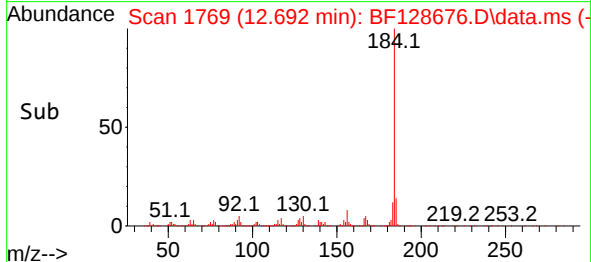
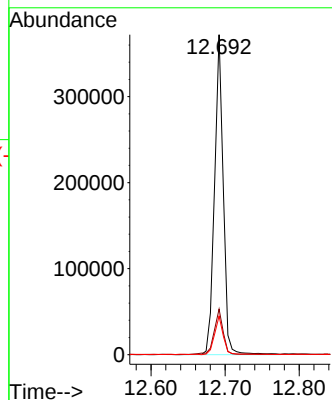
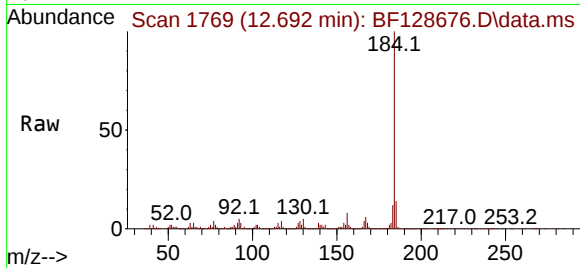




#77
Benzidine
Concen: 83.296 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

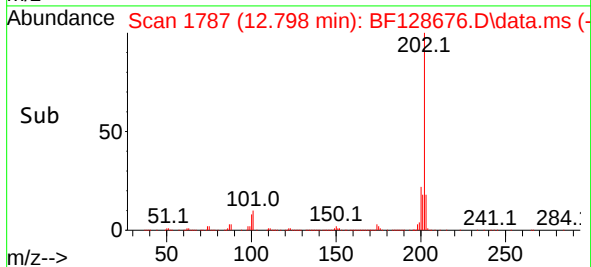
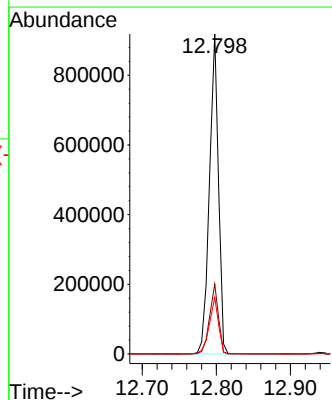
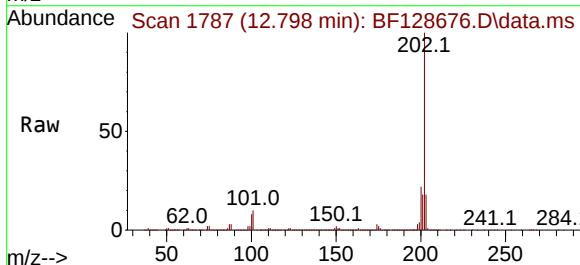
Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

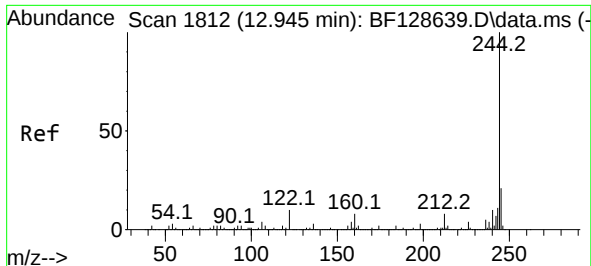
Tgt Ion:184 Resp: 303887
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 57.128 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:202 Resp: 777862
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 17.6 14.6 21.8

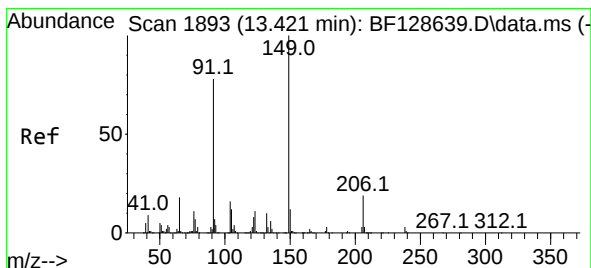
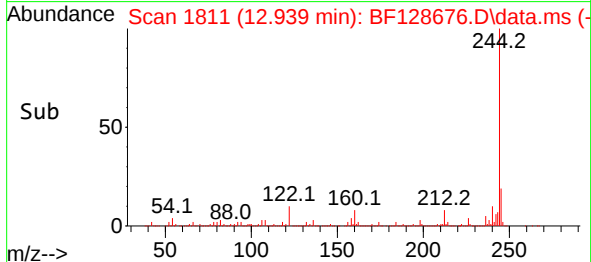
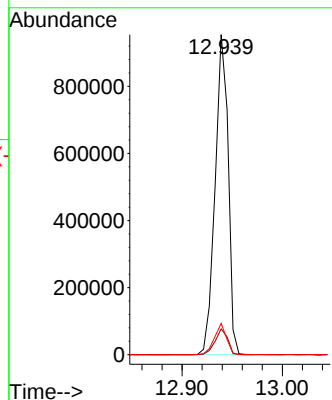
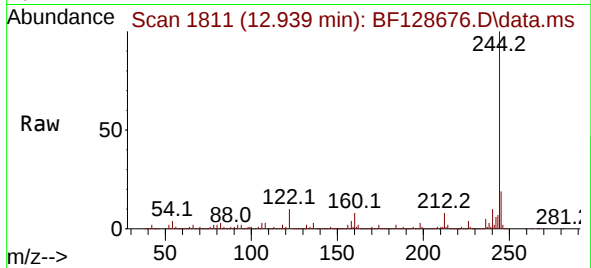




#79
 Terphenyl-d14
 Concen: 81.712 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

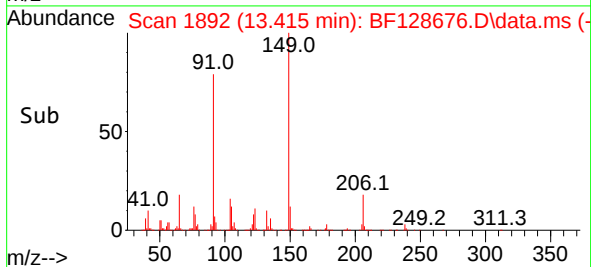
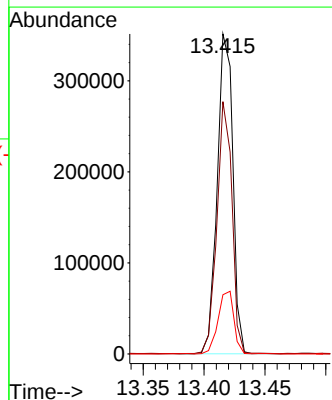
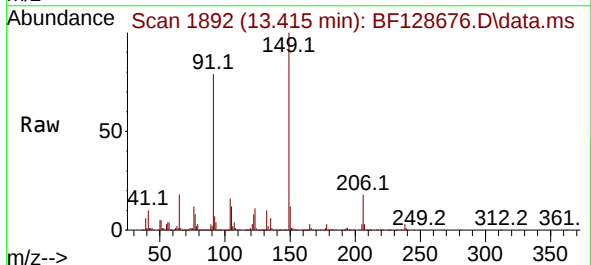
Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS

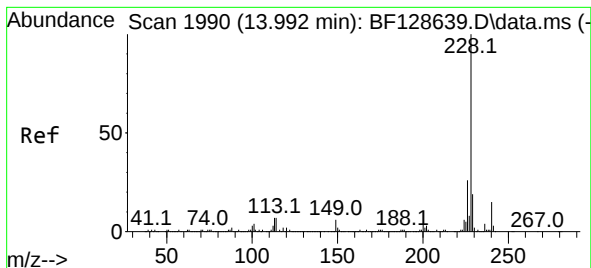
Tgt Ion:244 Resp: 860620
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 9.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 54.835 ng
 RT: 13.415 min Scan# 1892
 Delta R.T. -0.006 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

Tgt Ion:149 Resp: 313548
 Ion Ratio Lower Upper
 149 100
 91 78.9 61.2 91.8
 206 18.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 52.732 ng

RT: 13.986 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

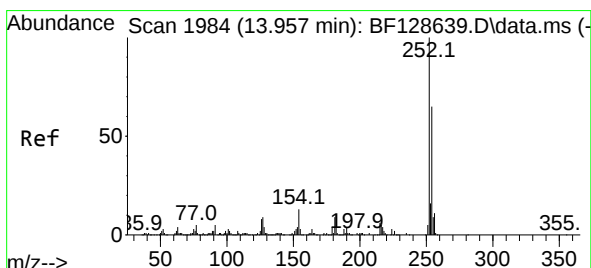
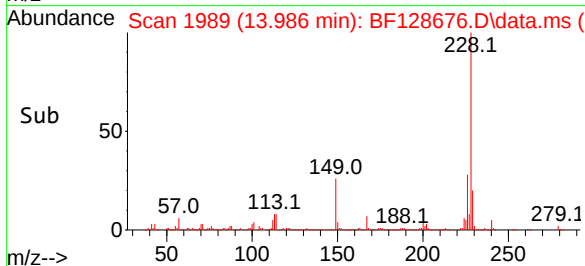
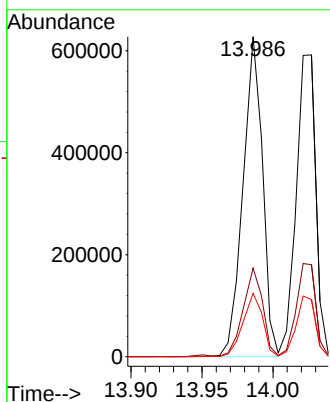
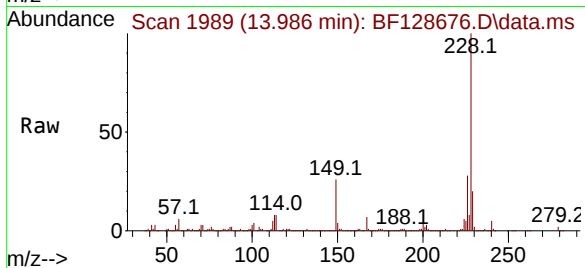
Tgt Ion:228 Resp: 601554

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 52.846 ng

RT: 13.951 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

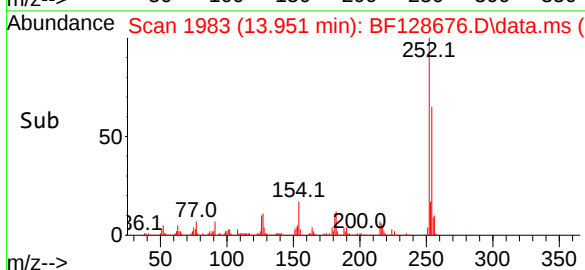
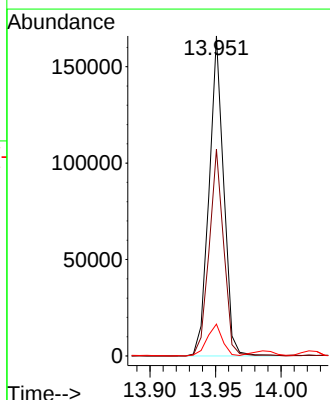
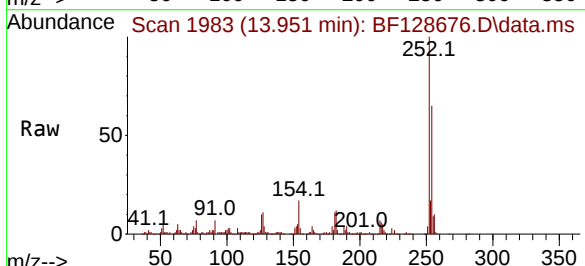
Tgt Ion:252 Resp: 128976

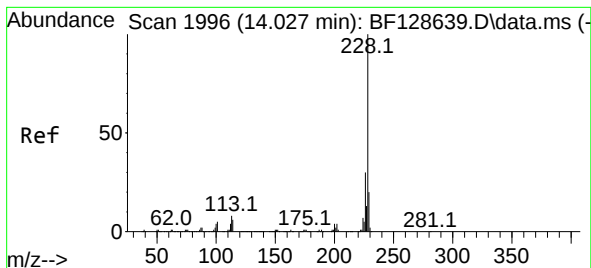
Ion Ratio Lower Upper

252 100

254 64.6 50.2 75.4

126 10.0 8.2 12.4





#83

Chrysene

Concen: 52.104 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

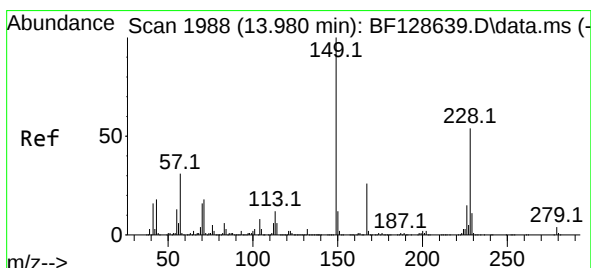
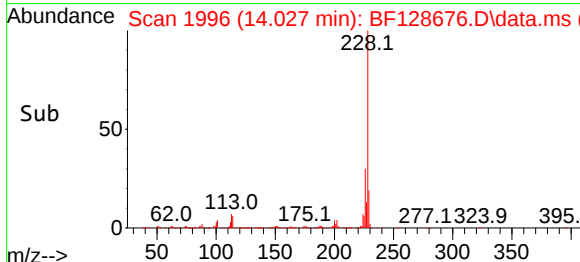
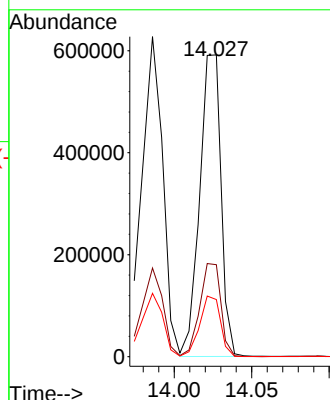
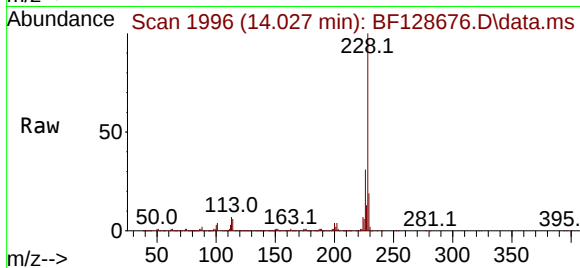
Tgt Ion:228 Resp: 566676

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 18.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.798 ng

RT: 13.980 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

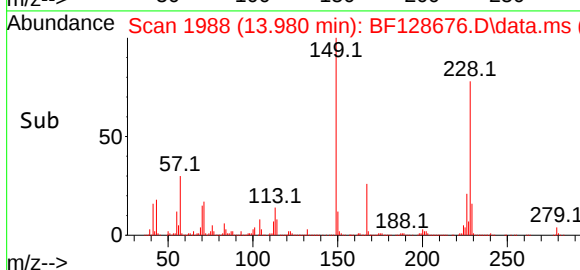
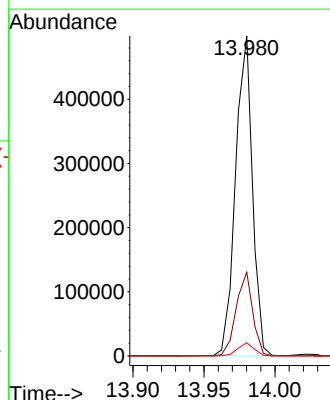
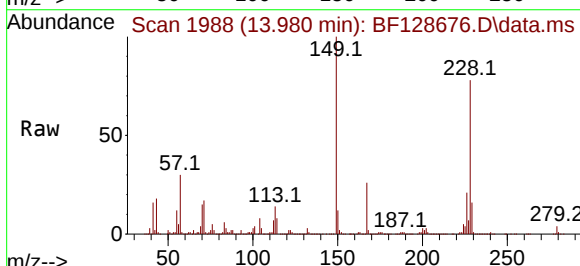
Tgt Ion:149 Resp: 414792

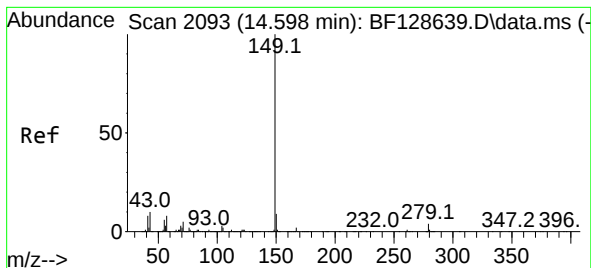
Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 56.113 ng

RT: 14.592 min Scan# 2093

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

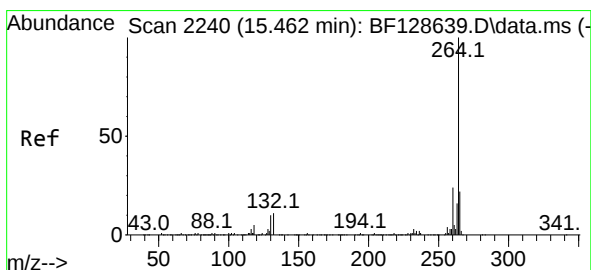
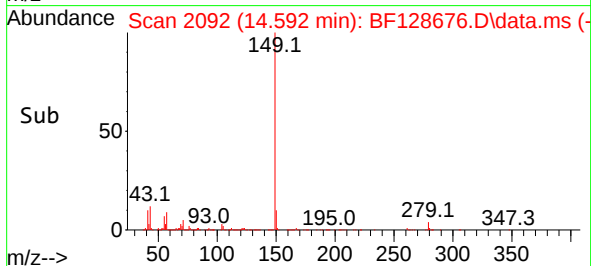
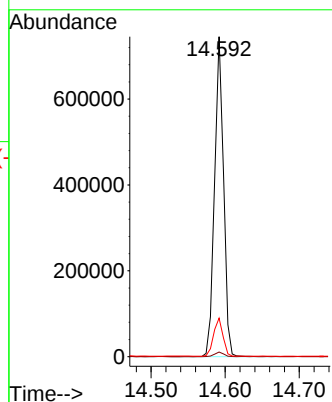
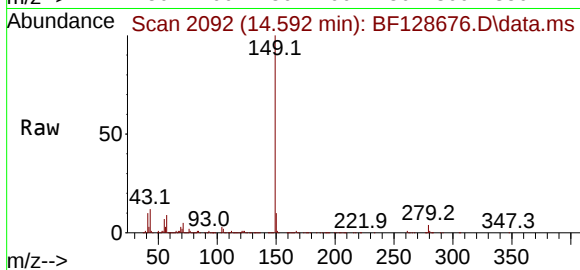
Tgt Ion:149 Resp: 628245

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.456 min Scan# 2239

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

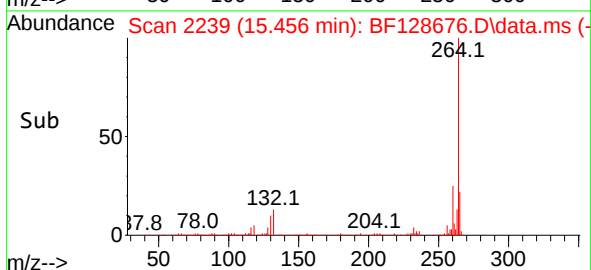
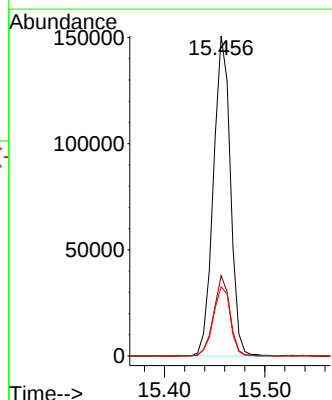
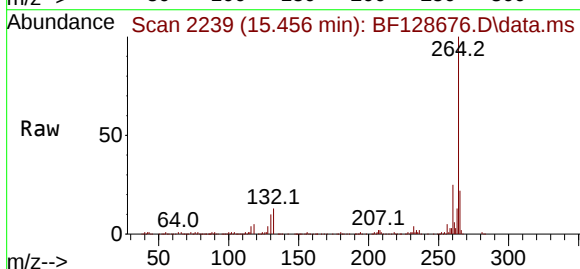
Tgt Ion:264 Resp: 176969

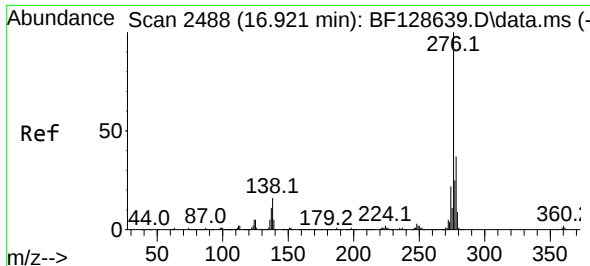
Ion Ratio Lower Upper

264 100

260 25.1 18.4 27.6

265 21.6 17.2 25.8

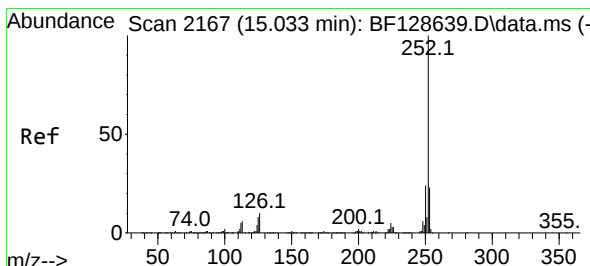
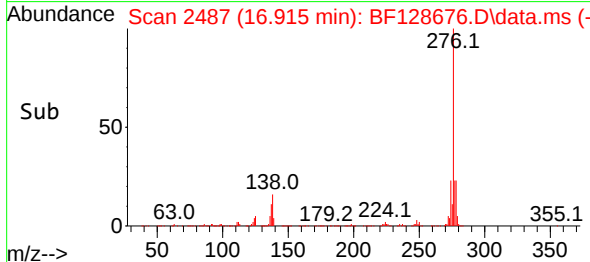
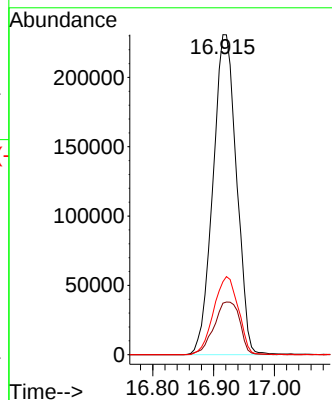
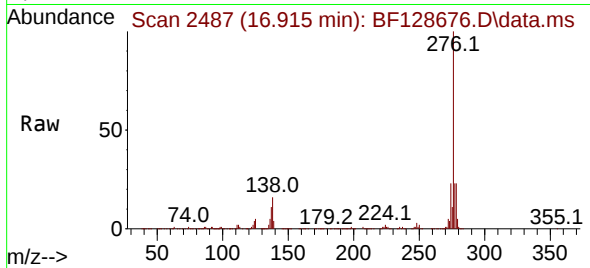




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 58.151 ng
 RT: 16.915 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

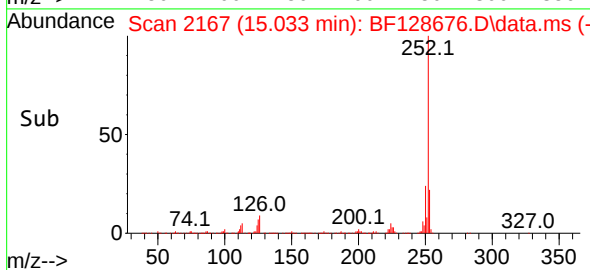
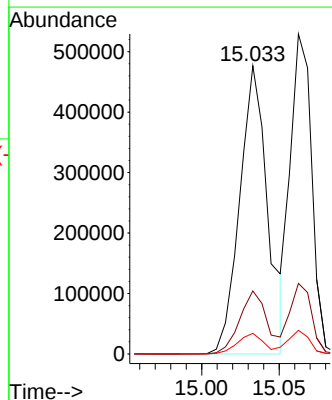
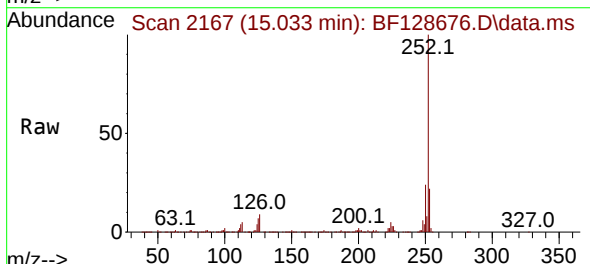
Instrument :
 BNA_F
 ClientSampleId :
 UST-BOTMS

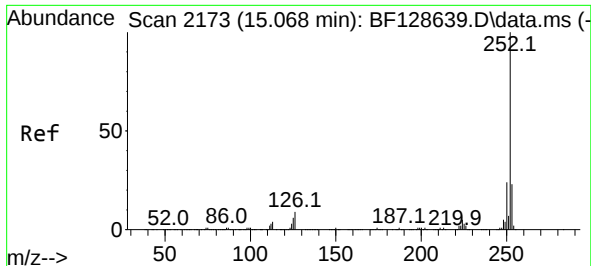
Tgt Ion:276 Resp: 620267
 Ion Ratio Lower Upper
 276 100
 138 18.1 21.1 31.7#
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 52.757 ng
 RT: 15.033 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: BF128676.D
 Acq: 03 Jun 2022 13:16

Tgt Ion:252 Resp: 596583
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 7.2 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 47.815 ng

RT: 15.062 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

Instrument :

BNA_F

ClientSampleId :

UST-BOTMS

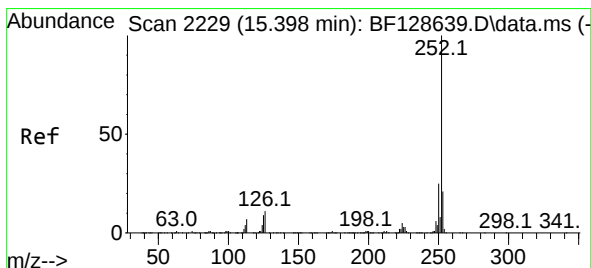
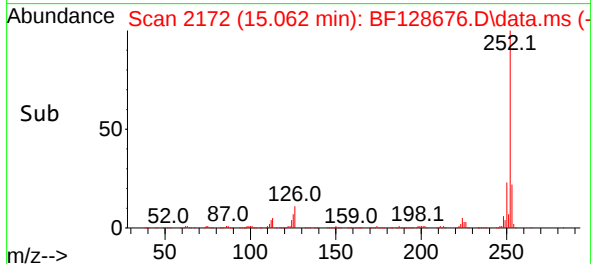
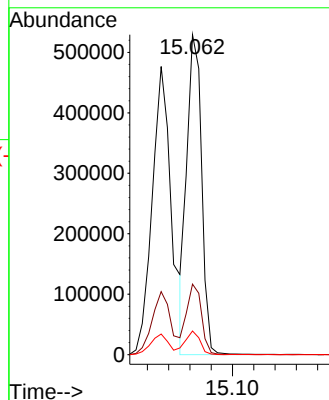
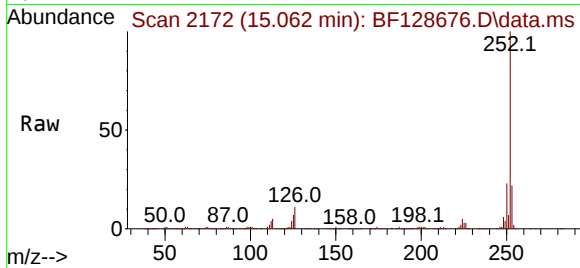
Tgt Ion:252 Resp: 508630

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.4 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 60.028 ng

RT: 15.398 min Scan# 2229

Delta R.T. -0.000 min

Lab File: BF128676.D

Acq: 03 Jun 2022 13:16

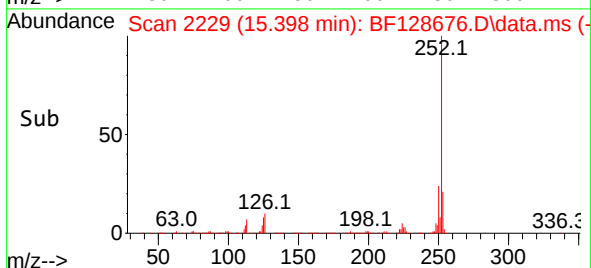
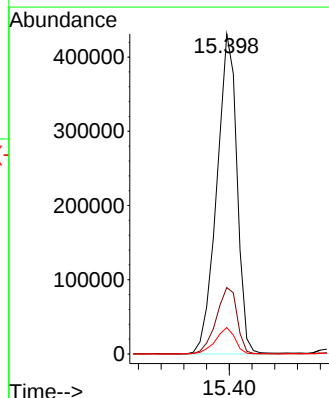
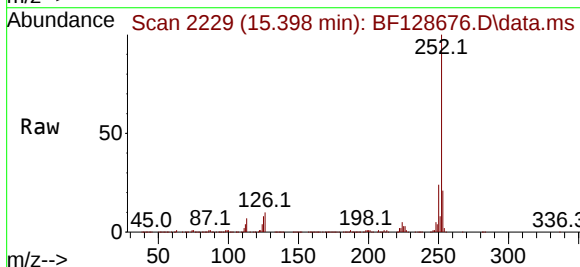
Tgt Ion:252 Resp: 533517

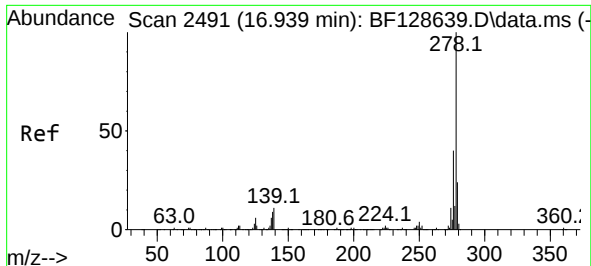
Ion Ratio Lower Upper

252 100

253 20.8 17.0 25.6

125 8.3 8.8 13.2#

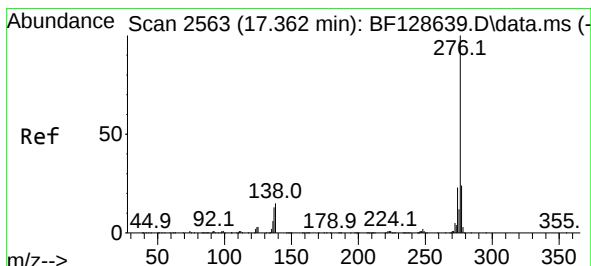
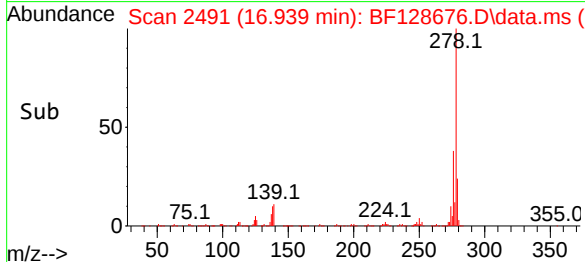
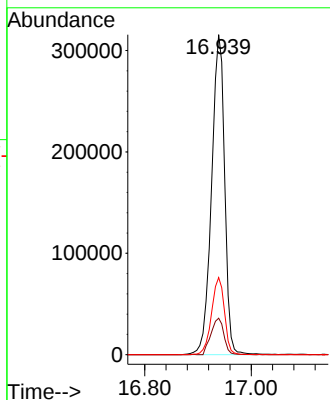
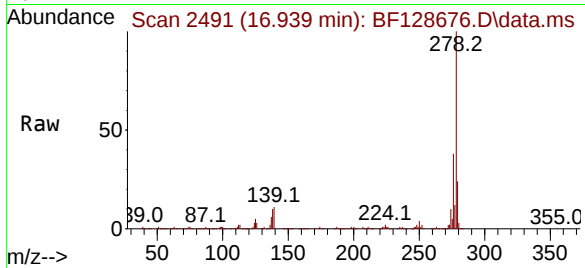




#91
Dibenzo(a,h)anthracene
Concen: 60.815 ng
RT: 16.939 min Scan# 2491
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Instrument :
BNA_F
ClientSampleId :
UST-BOTMS

Tgt Ion:278 Resp: 538064
Ion Ratio Lower Upper
278 100
139 11.4 12.8 19.2#
279 24.1 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 61.266 ng
RT: 17.362 min Scan# 2563
Delta R.T. -0.000 min
Lab File: BF128676.D
Acq: 03 Jun 2022 13:16

Tgt Ion:276 Resp: 537221
Ion Ratio Lower Upper
276 100
277 24.6 19.1 28.7
138 14.4 18.0 27.0#

