

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126525.D
 Acq On : 6 Jan 2022 18:31
 Operator : JU/CG
 Sample : M5011-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSB-8-(10-10.5)

Quant Time: Jan 07 08:33:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	58657	20.000	ng	0.01
21) Naphthalene-d8	8.087	136	148667	20.000	ng	# 0.02
39) Acenaphthene-d10	9.833	164	92821	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	137275	20.000	ng	0.00
76) Chrysene-d12	13.951	240	138968	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	158850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	300125	73.478	ng	0.00
7) Phenol-d6	6.422	99	450903	85.231	ng	0.00
23) Nitrobenzene-d5	7.375	82	229645	79.314	ng	0.02
42) 2,4,6-Tribromophenol	10.622	330	39075	54.477	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	466776	88.493	ng	0.00
79) Terphenyl-d14	12.904	244	367177	51.336	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.246	42	66117	29.106	ng	# 1
9) Benzaldehyde	6.363	77	101199	30.900	ng	# 1
10) Phenol	6.434	94	14346	2.430	ng	# 1
15) Benzyl Alcohol	6.969	79	30572	8.259	ng	# 16
17) 2-Methylphenol	7.063	107	12319	3.438	ng	# 1
18) Hexachloroethane	7.281	117	95829	59.197	ng	# 1
19) n-Nitroso-di-n-propyla...	7.251	70	164724	54.564	ng	# 59
20) 3+4-Methylphenols	7.204	107	10384	2.434	ng	# 1
22) Acetophenone	7.204	105	1305343	379.800	ng	# 50
24) Nitrobenzene	7.392	77	88412	30.515	ng	# 23
25) Isophorone	7.622	82	96376	18.594	ng	# 1
26) 2-Nitrophenol	7.722	139	8914	6.940	ng	# 1
27) 2,4-Dimethylphenol	7.739	122	10144	5.051	ng	# 1
28) bis(2-Chloroethoxy)met...	7.587	93	59366	17.533	ng	# 99
29) 2,4-Dichlorophenol	7.951	162	56342	30.724	ng	# 38
31) Naphthalene	8.116	128	1970024	280.747	ng	# 93
32) Benzoic acid	7.881	122	8361	11.968	ng	# 1
33) 4-Chloroaniline	8.116	127	358751	122.037	ng	# 39
35) Caprolactam	8.522	113	84520	181.172	ng	# 16
36) 4-Chloro-3-methylphenol	8.616	107	11224	5.015	ng	# 44
37) 2-Methylnaphthalene	8.822	142	3516108	849.413	ng	# 98
38) 1-Methylnaphthalene	8.910	142	2018173	504.274	ng	# 100
43) 2,4,6-Trichlorophenol	9.057	196	3988	2.674	ng	# 11
46) 1,1'-Biphenyl	9.251	154	19768	2.904	ng	# 92
48) 2-Nitroaniline	9.357	65	13139	6.310	ng	# 49
49) Acenaphthylene	9.698	152	42997	5.498	ng	# 1
51) 2,6-Dinitrotoluene	9.604	165	3294	2.632	ng	# 28
52) Acenaphthene	9.863	154	99236	19.355	ng	# 89
53) 3-Nitroaniline	9.786	138	6181	3.602	ng	# 19
54) 2,4-Dinitrophenol	10.051	184	4489	10.635	ng	# 1
55) Dibenzofuran	10.033	168	49387	7.125	ng	# 1
56) 4-Nitrophenol	9.939	139	48034	39.363	ng	# 54
57) 2,4-Dinitrotoluene	10.010	165	9080	5.624	ng	# 47
58) Fluorene	10.381	166	142186	29.014	ng	# 93
62) 4-Nitroaniline	10.292	138	9438	5.840	ng	# 79
63) Azobenzene	10.533	77	16907	2.350	ng	# 1

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Misc :
ALS Vial : 15 Sample Multiplier: 1

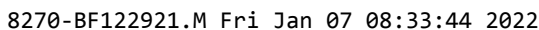
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

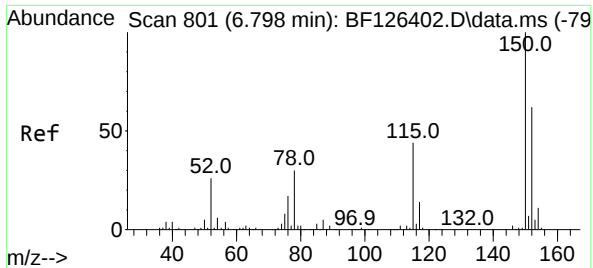
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
66) n-Nitrosodiphenylamine	10.492	169	132322	31.069	ng	# 60
71) Phenanthrene	11.345	178	483442	68.884	ng	97
72) Anthracene	11.345	178	483442	68.843	ng	97
74) Di-n-butylphthalate	11.880	149	17960	2.294	ng	# 73
75) Fluoranthene	12.545	202	23273	3.633	ng	70
77) Benzidine	12.645	184	552	Below Cal		# 1
78) Pyrene	12.757	202	74136	6.313	ng	# 93
84) Bis(2-ethylhexyl)phtha...	13.933	149	58269	10.804	ng	96

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

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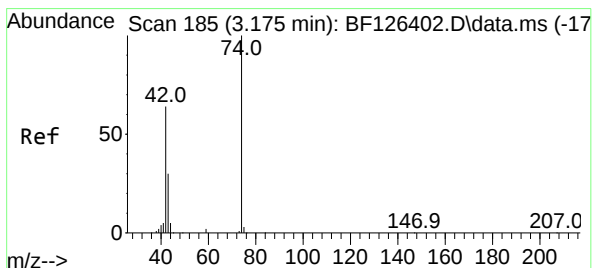
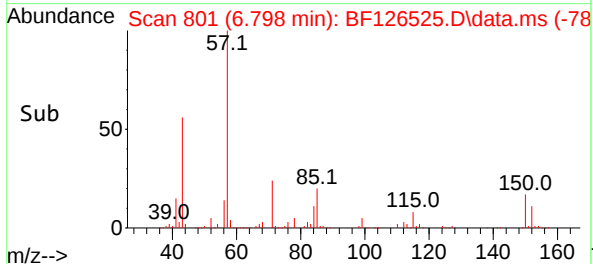
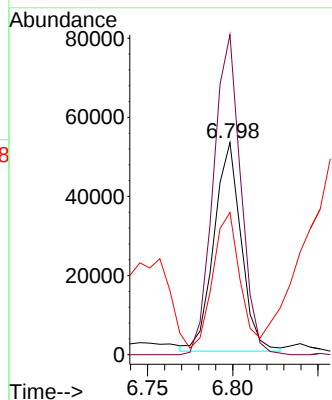
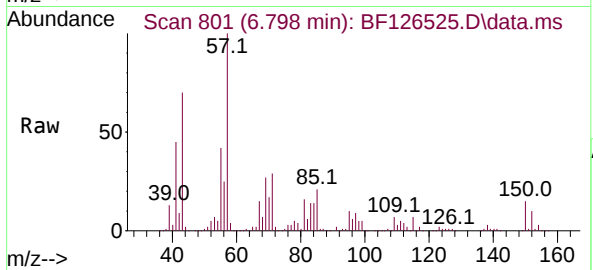




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

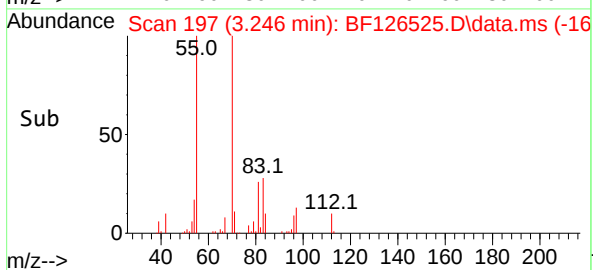
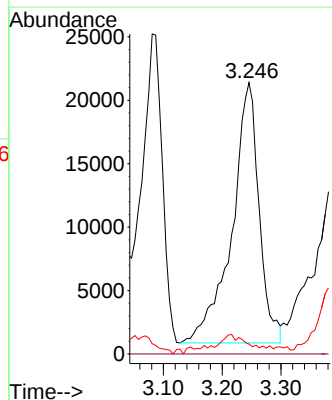
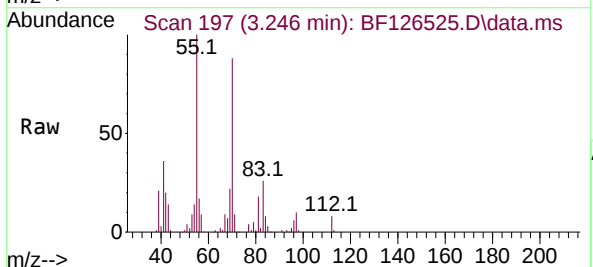
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

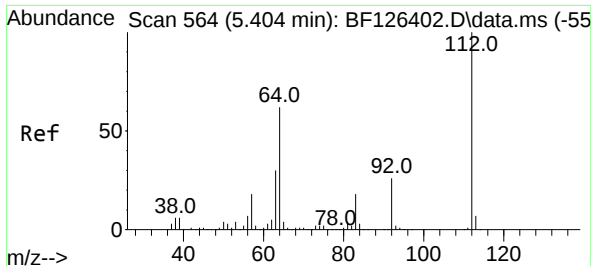
Tgt Ion:152 Resp: 58657
Ion Ratio Lower Upper
152 100
150 150.8 128.1 192.1
115 67.0 56.7 85.1



#4
n-Nitrosodimethylamine
Concen: 29.106 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.083 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 42 Resp: 66117
Ion Ratio Lower Upper
42 100
74 0.0 125.6 188.4#
44 3.7 5.7 8.5#

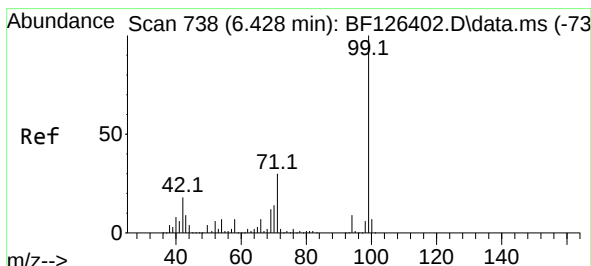
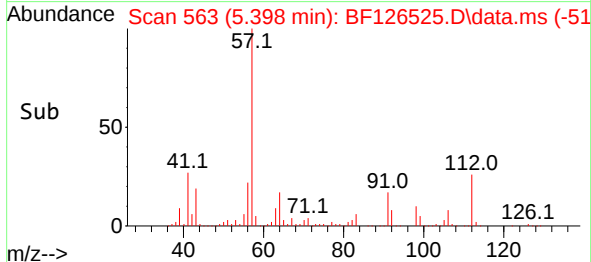
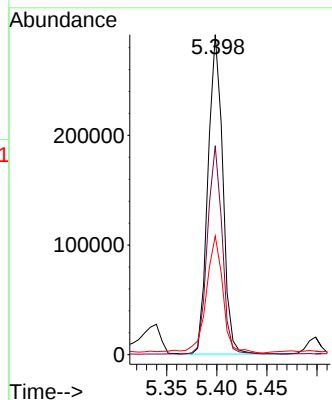
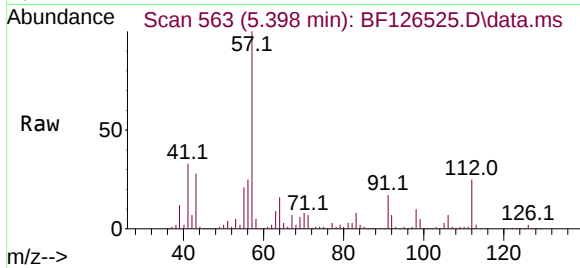




#5
2-Fluorophenol
Concen: 73.478 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

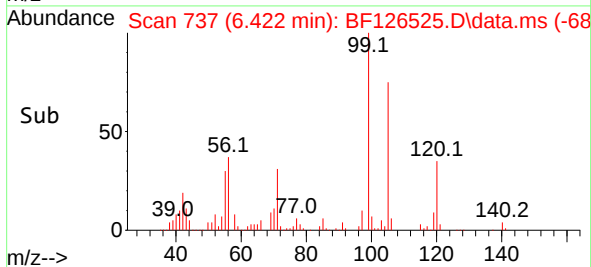
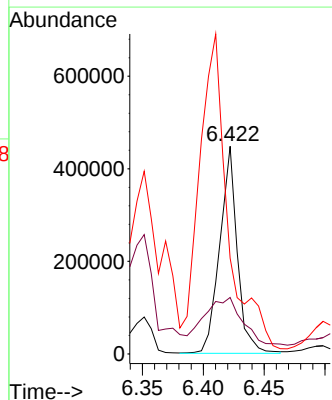
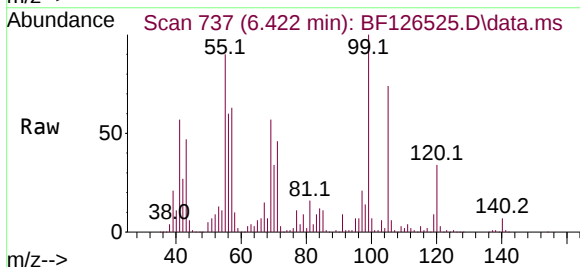
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

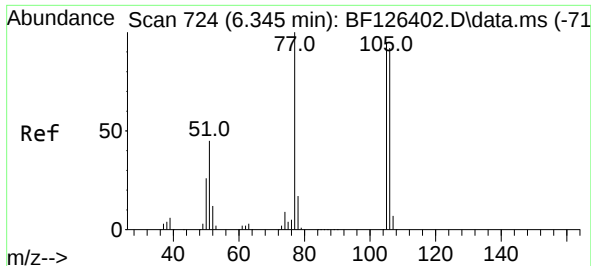
Tgt Ion:112 Resp: 300125
Ion Ratio Lower Upper
112 100
64 65.3 49.5 74.3
63 37.1 23.9 35.9#



#7
Phenol-d6
Concen: 85.231 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 99 Resp: 450903
Ion Ratio Lower Upper
99 100
42 27.2 14.2 21.4#
71 46.1 24.3 36.5#





#9

Benzaldehyde

Concen: 30.900 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.030 min

Lab File: BF126525.D

Acq: 6 Jan 2022 18:31

Instrument :

BNA_F

ClientSampleId :

HSB-8-(10-10.5)

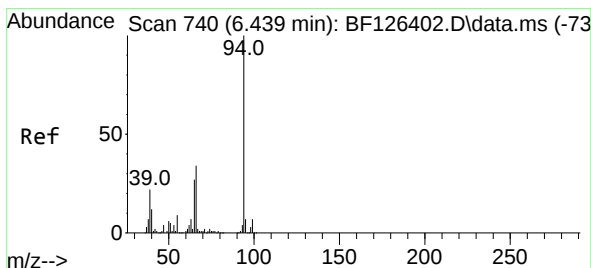
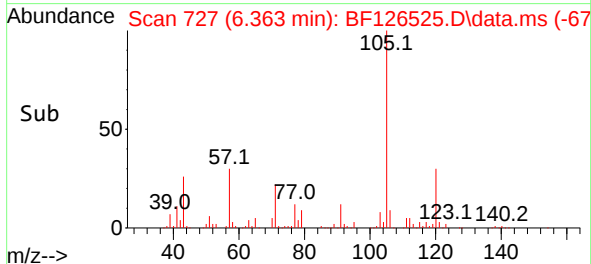
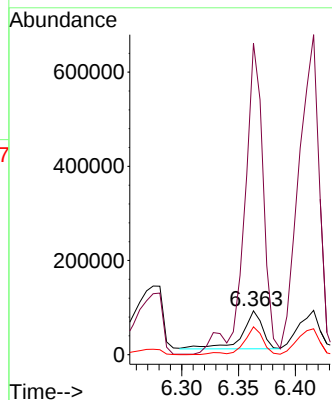
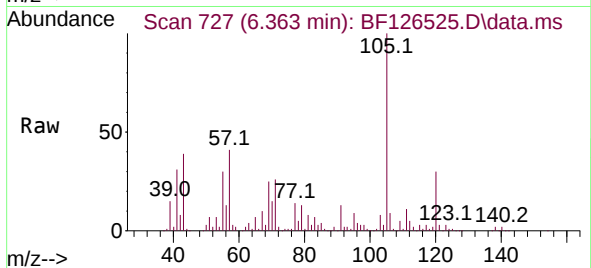
Tgt Ion: 77 Resp: 101199

Ion Ratio Lower Upper

77 100

105 709.4 74.9 114.9#

106 63.6 72.4 112.4#



#10

Phenol

Concen: 2.430 ng

RT: 6.434 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF126525.D

Acq: 6 Jan 2022 18:31

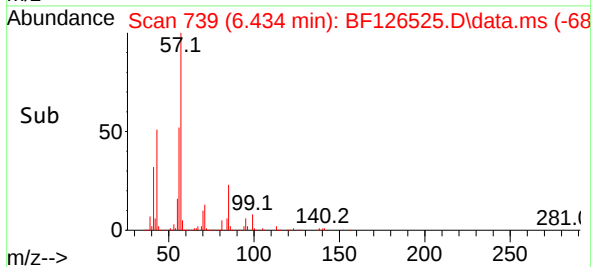
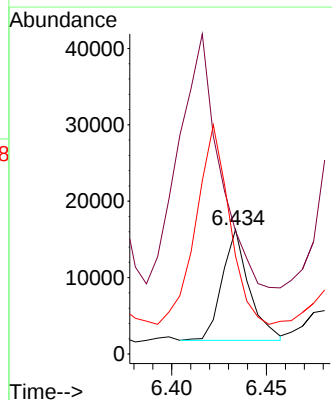
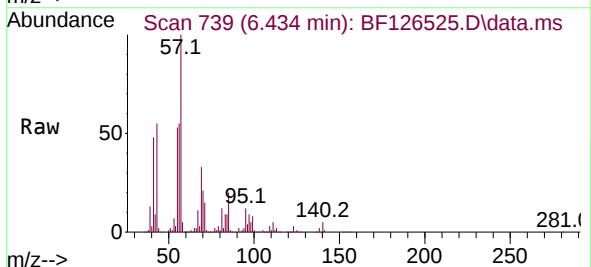
Tgt Ion: 94 Resp: 14346

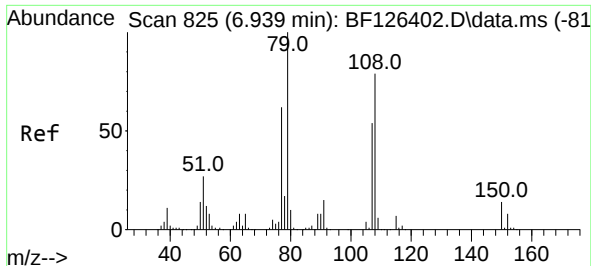
Ion Ratio Lower Upper

94 100

65 98.5 7.2 47.2#

66 78.5 14.5 54.5#

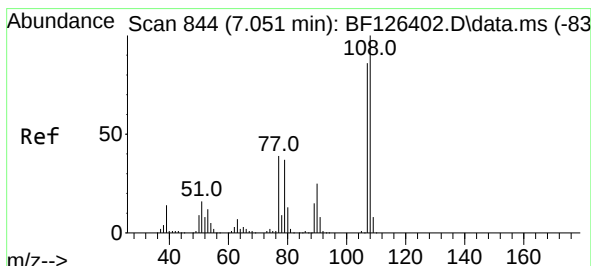
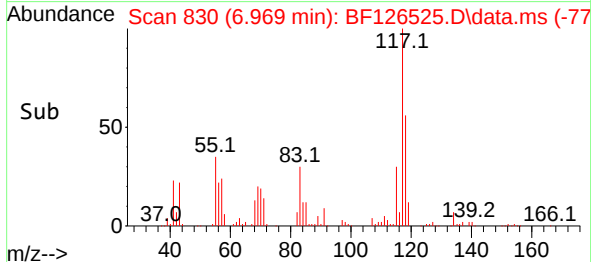
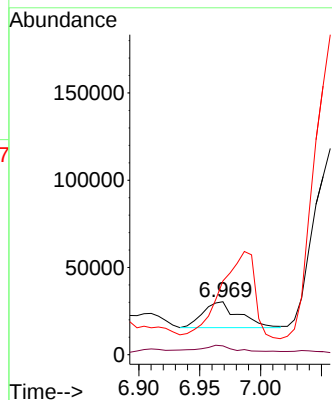
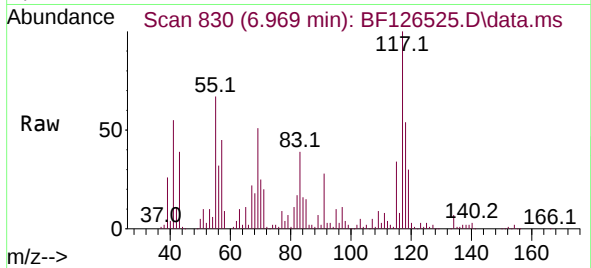




#15
Benzyl Alcohol
Concen: 8.259 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.041 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

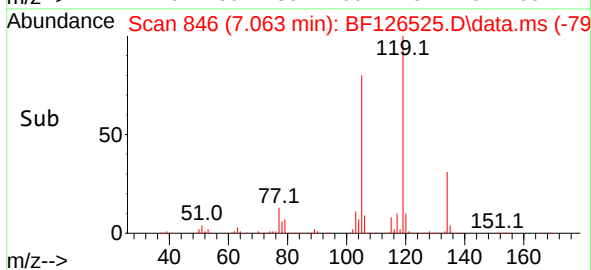
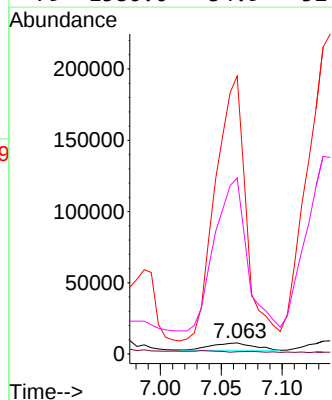
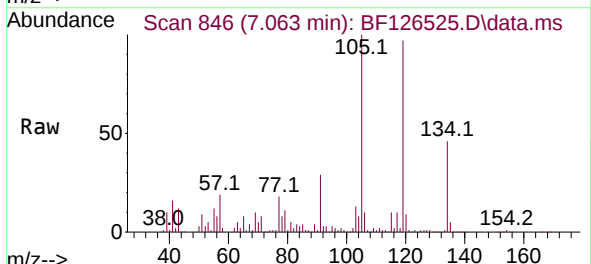
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

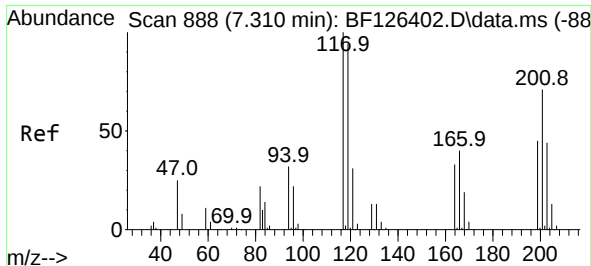
Tgt Ion: 79 Resp: 30572
Ion Ratio Lower Upper
79 100
108 16.6 63.2 94.8#
77 139.4 49.4 74.2#



#17
2-Methylphenol
Concen: 3.438 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.018 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 107 Resp: 12319
Ion Ratio Lower Upper
107 100
108 19.7 93.4 140.0#
77 2504.8 36.1 54.1#
79 1586.0 34.9 52.3#

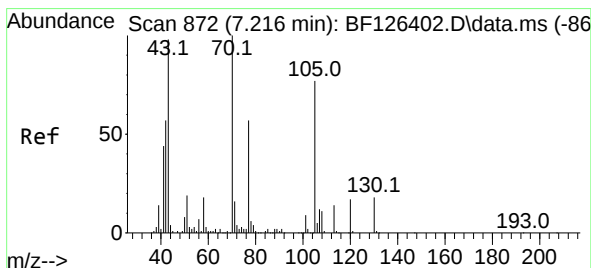
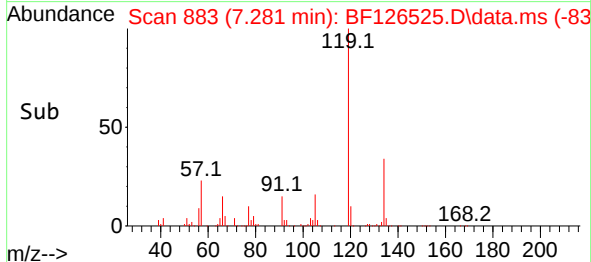
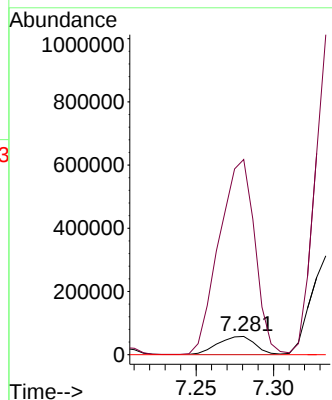
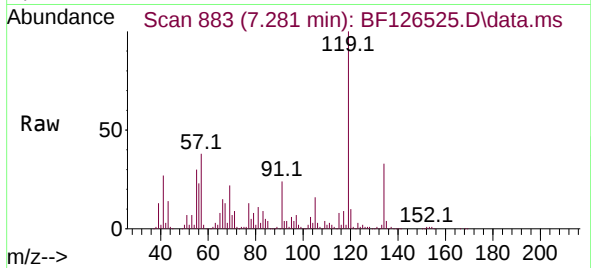




#18
Hexachloroethane
Concen: 59.197 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

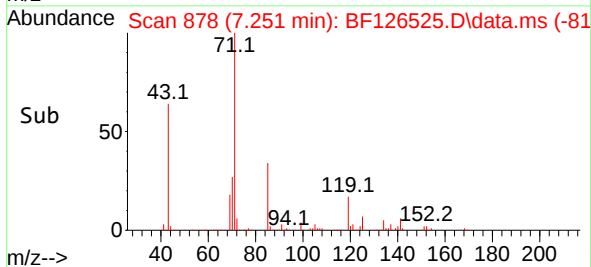
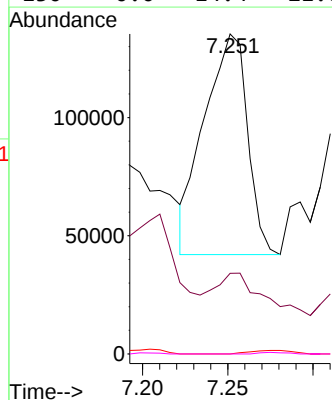
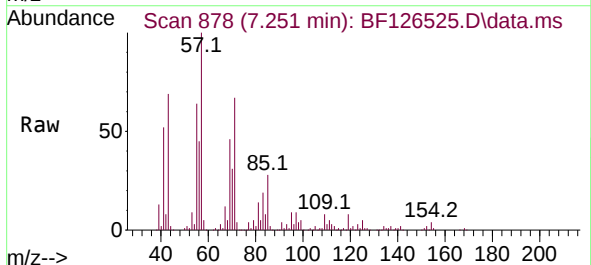
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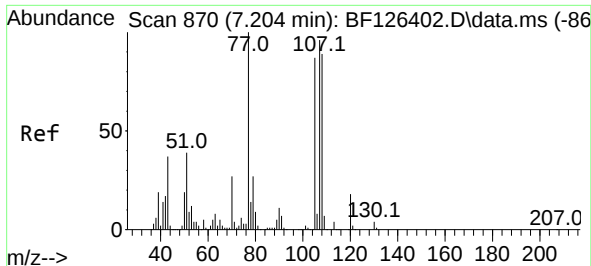
Tgt Ion:117 Resp: 95829
Ion Ratio Lower Upper
117 100
119 1065.9 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 54.564 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.047 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 70 Resp: 164724
Ion Ratio Lower Upper
70 100
42 25.2 45.8 68.8#
101 0.0 6.9 10.3#
130 0.0 14.4 21.6#

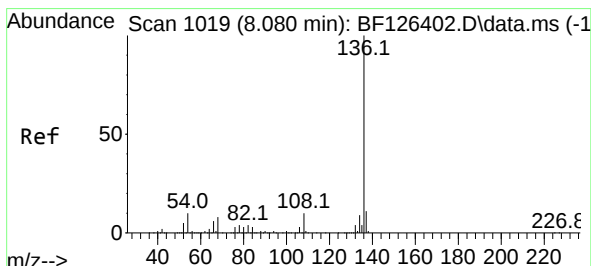
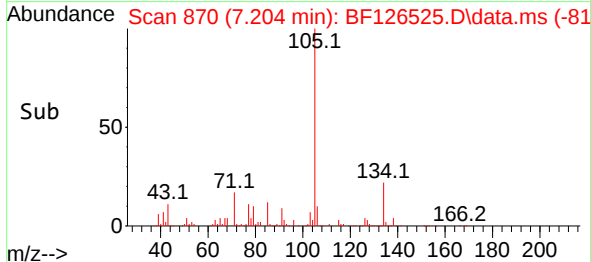
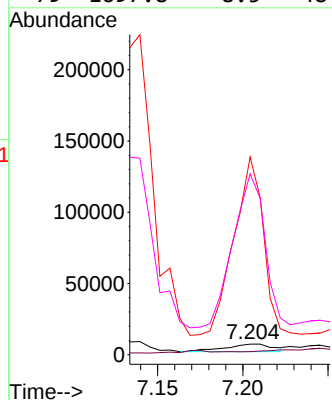
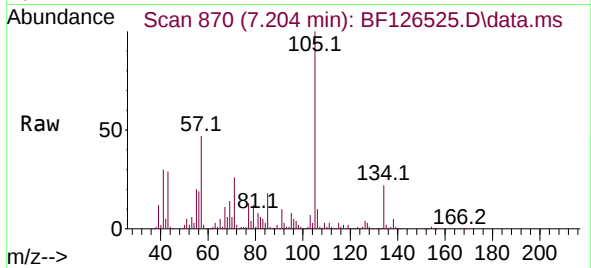




#20
3+4-Methylphenols
Concen: 2.434 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

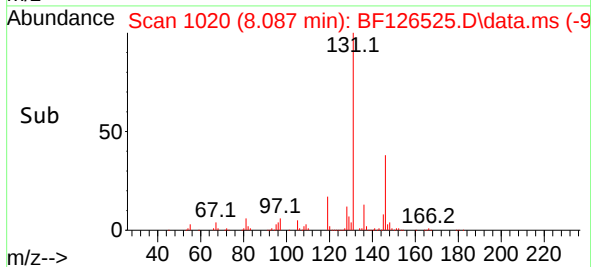
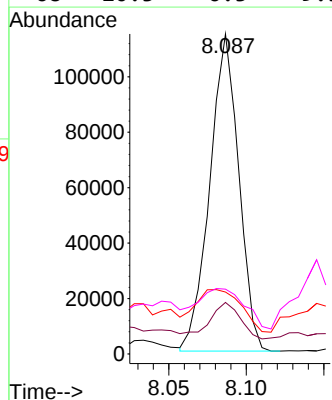
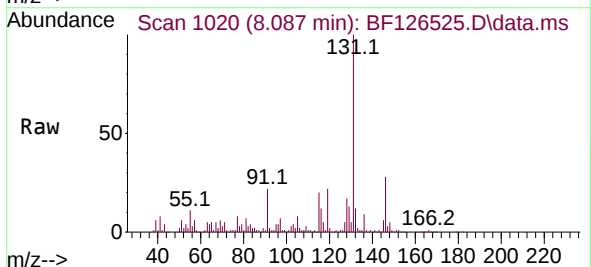
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

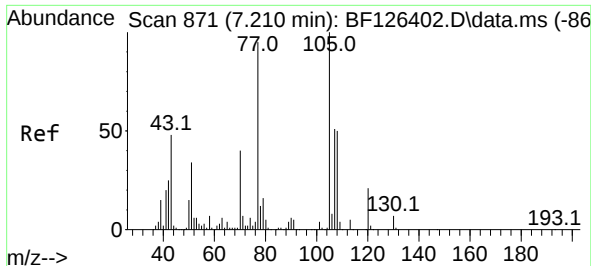
Tgt Ion:107 Resp: 10384
Ion Ratio Lower Upper
107 100
108 28.9 72.4 112.4#
77 1855.9 83.8 123.8#
79 1697.8 8.5 48.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:136 Resp: 148667
Ion Ratio Lower Upper
136 100
137 16.1 8.6 13.0#
54 19.4 7.8 11.6#
68 20.3 6.3 9.5#

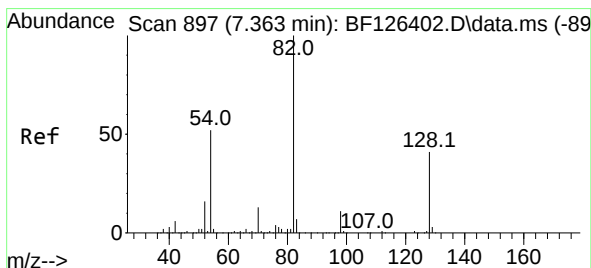
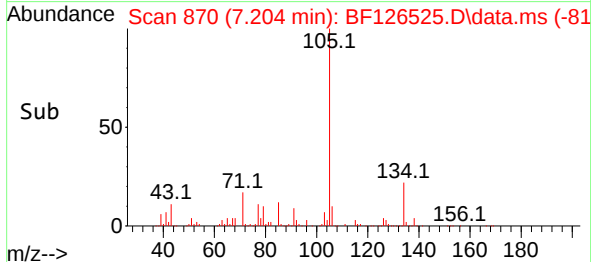
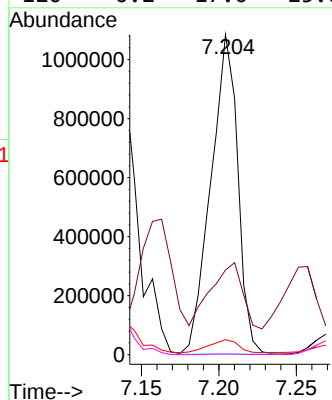
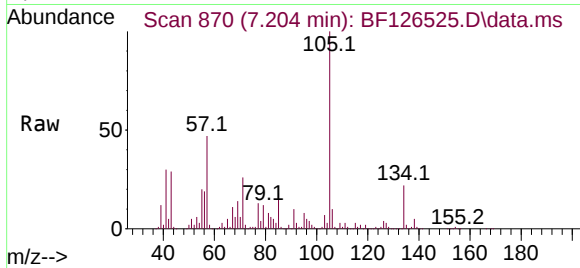




#22
Acetophenone
Concen: 379.800 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

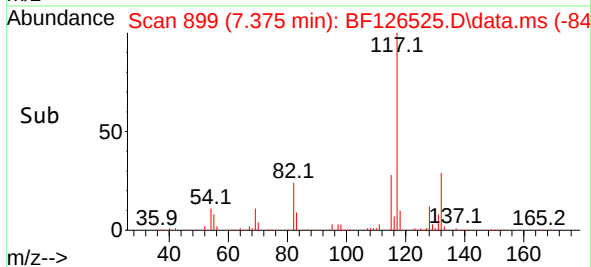
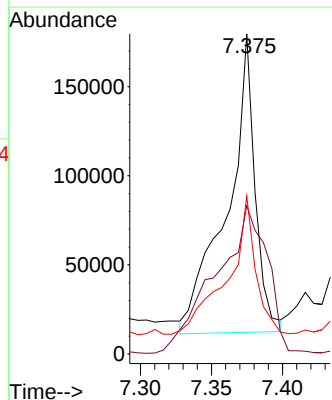
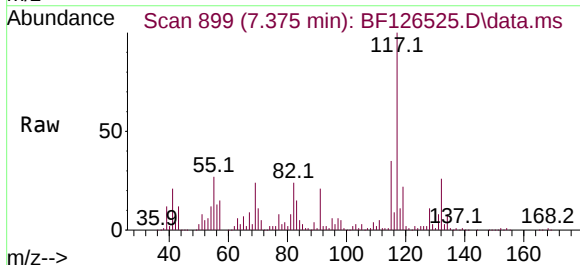
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

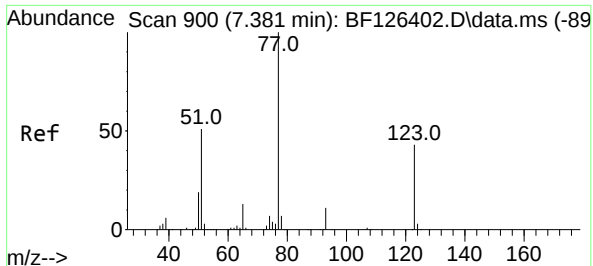
Tgt Ion:105 Resp: 1305343
Ion Ratio Lower Upper
105 100
71 26.4 5.4 8.0#
51 4.7 27.4 41.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 79.314 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.024 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 82 Resp: 229645
Ion Ratio Lower Upper
82 100
128 46.4 32.7 49.1
54 49.3 41.7 62.5

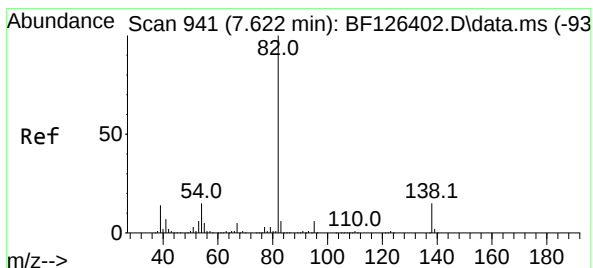
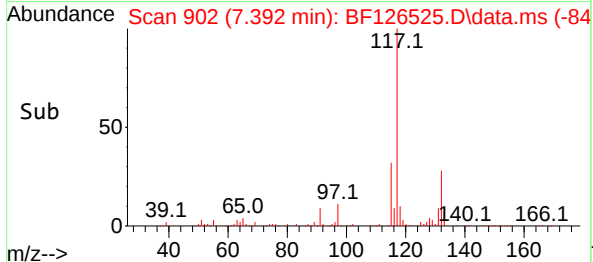
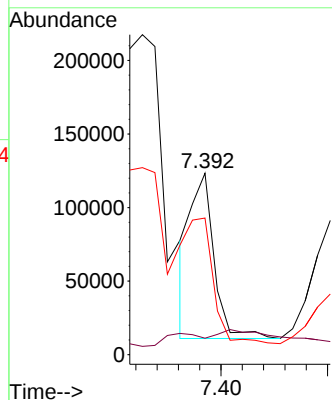
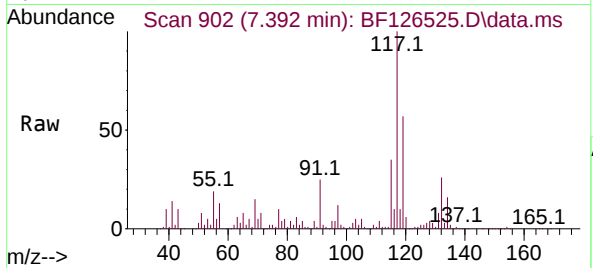




#24
Nitrobenzene
Concen: 30.515 ng
RT: 7.392 min Scan# 900
Delta R.T. 0.024 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

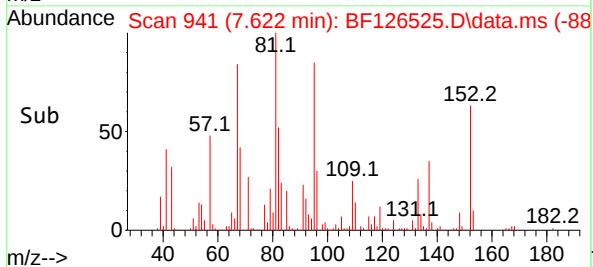
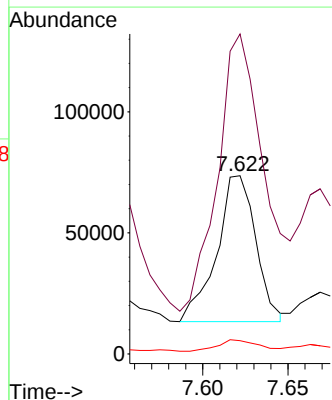
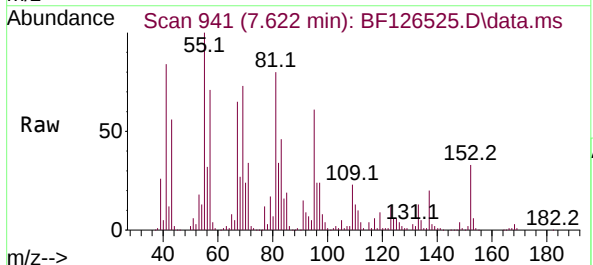
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

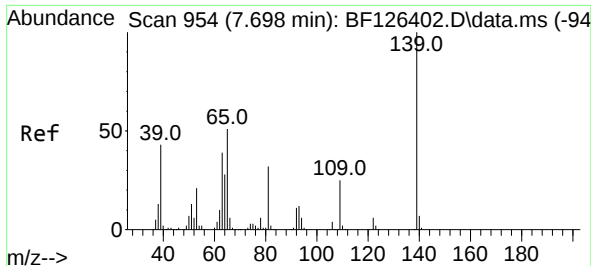
Tgt Ion: 77 Resp: 88412
Ion Ratio Lower Upper
77 100
123 9.1 34.6 52.0#
65 75.3 10.6 15.8#



#25
Isophorone
Concen: 18.594 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 82 Resp: 96376
Ion Ratio Lower Upper
82 100
95 179.6 5.0 7.4#
138 7.5 12.3 18.5#

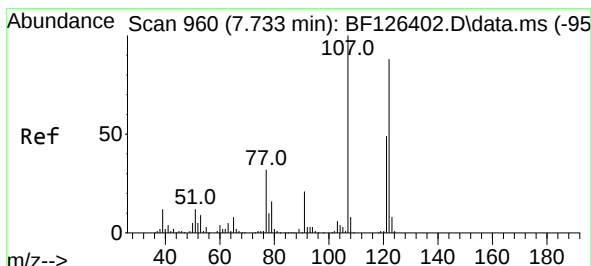
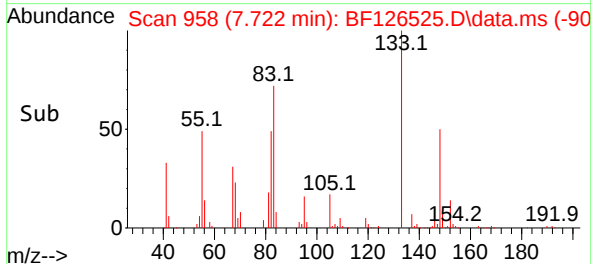
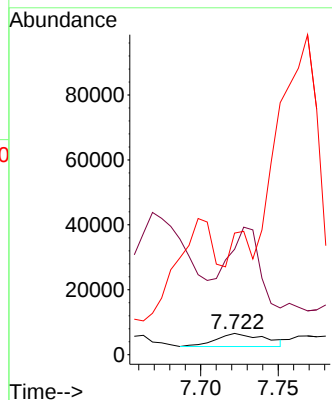
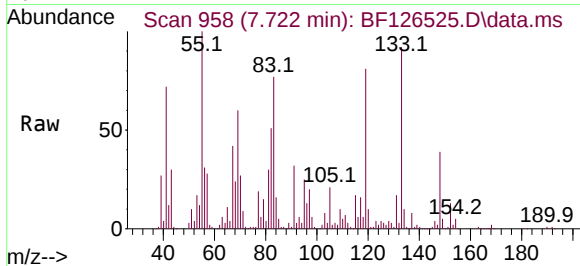




#26
2-Nitrophenol
Concen: 6.940 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.035 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

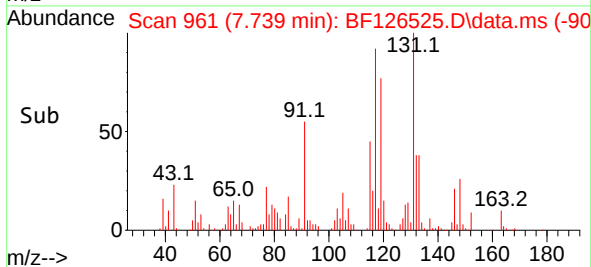
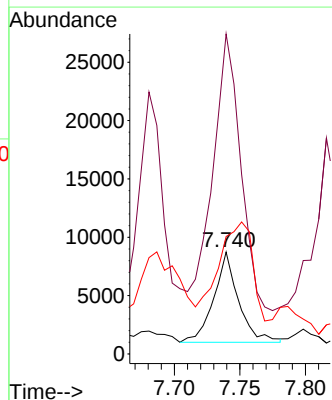
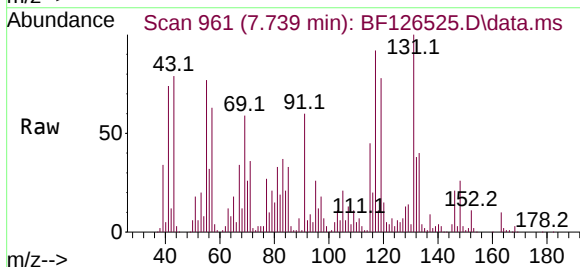
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

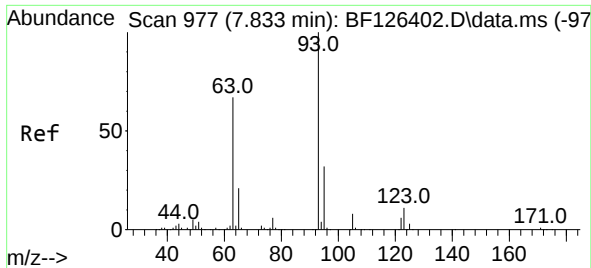
Tgt Ion:139 Resp: 8914
Ion Ratio Lower Upper
139 100
109 496.0 20.0 30.0#
65 572.0 40.8 61.2#



#27
2,4-Dimethylphenol
Concen: 5.051 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:122 Resp: 10144
Ion Ratio Lower Upper
122 100
107 314.0 91.2 136.8#
121 115.3 44.4 66.6#

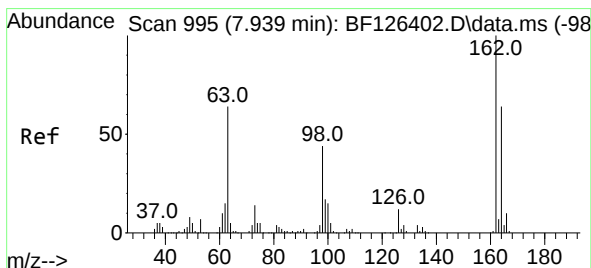
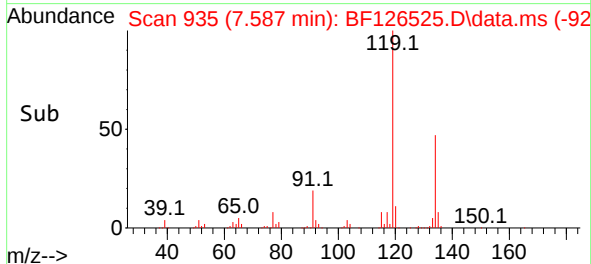
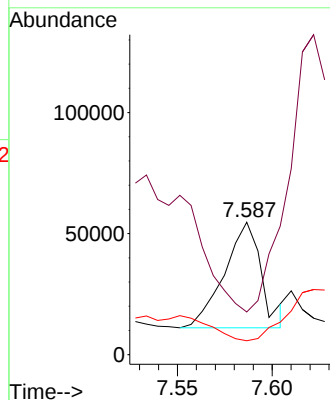
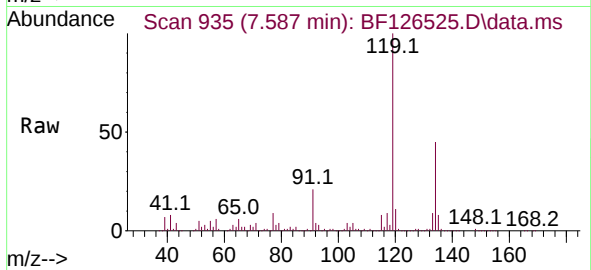




#28
bis(2-Chloroethoxy)methane
Concen: 17.533 ng
RT: 7.587 min Scan# 911
Delta R.T. -0.235 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

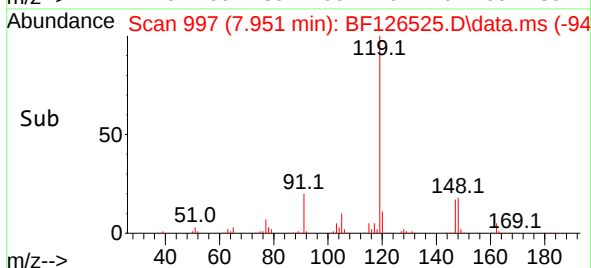
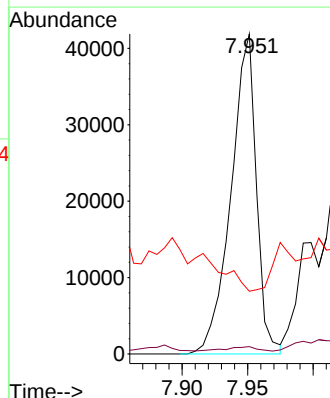
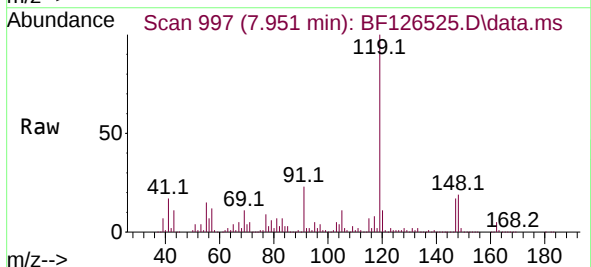
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

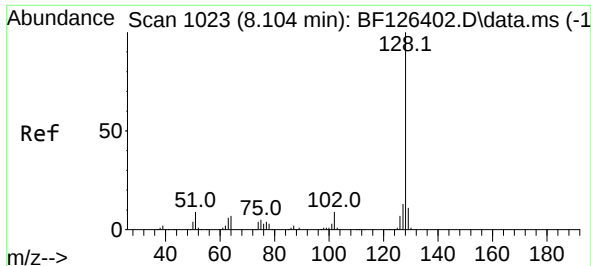
Tgt Ion: 93 Resp: 59366
Ion Ratio Lower Upper
93 100
95 32.3 25.4 38.2
123 10.5 8.9 13.3



#29
2,4-Dichlorophenol
Concen: 30.724 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.024 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:162 Resp: 56342
Ion Ratio Lower Upper
162 100
164 2.3 43.8 83.8#
98 19.6 23.6 63.6#

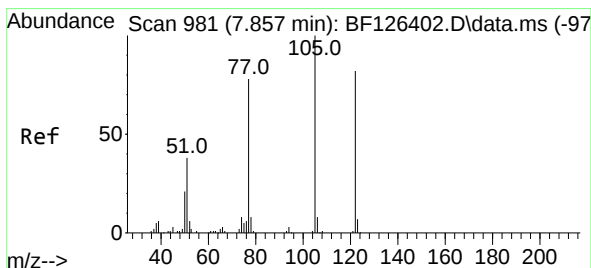
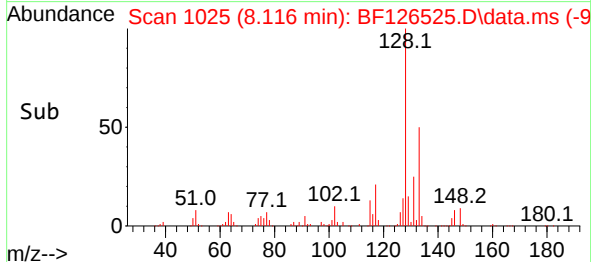
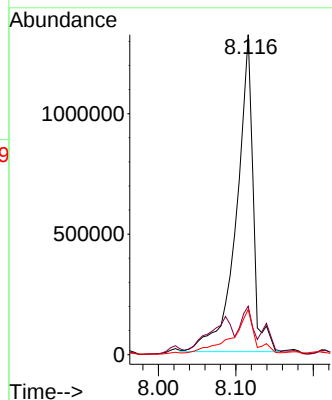
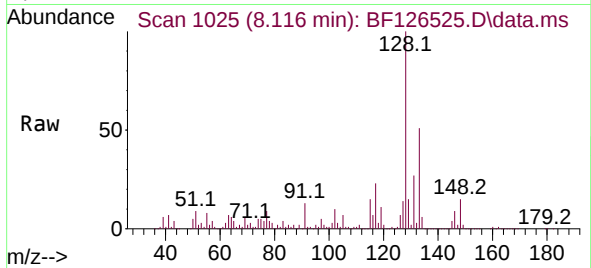




#31
Naphthalene
Concen: 280.747 ng
RT: 8.116 min Scan# 1023
Delta R.T. 0.024 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

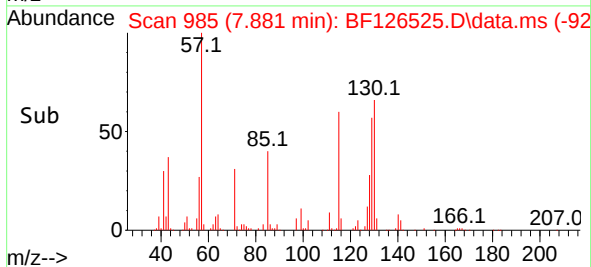
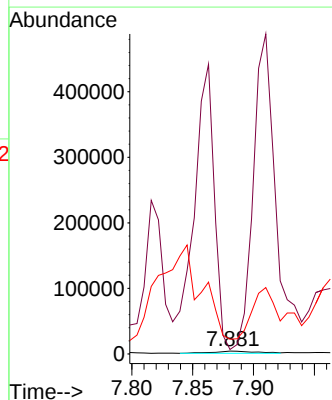
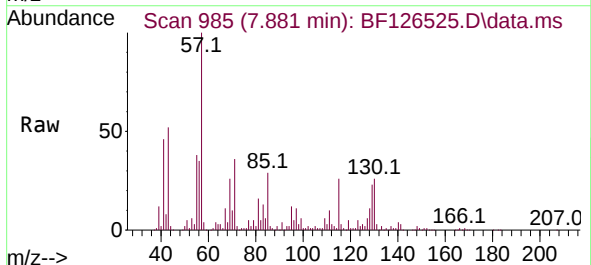
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

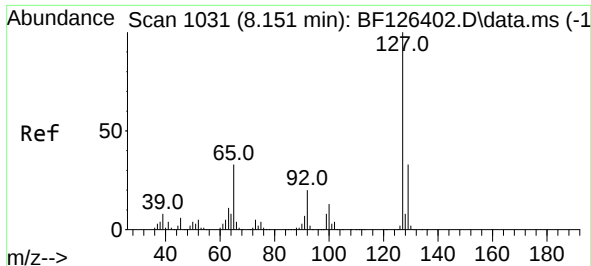
Tgt Ion:128 Resp: 1970024
Ion Ratio Lower Upper
128 100
129 15.2 8.6 13.0#
127 14.1 10.3 15.5



#32
Benzoic acid
Concen: 11.968 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.035 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:122 Resp: 8361
Ion Ratio Lower Upper
122 100
105 154.0 101.0 141.0#
77 509.1 74.5 114.5#

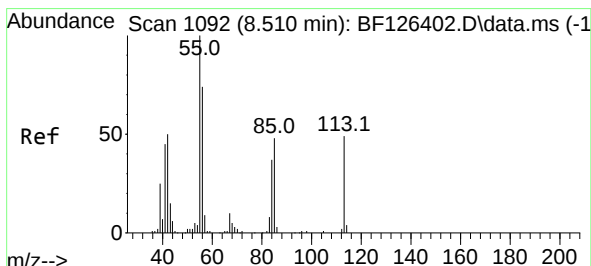
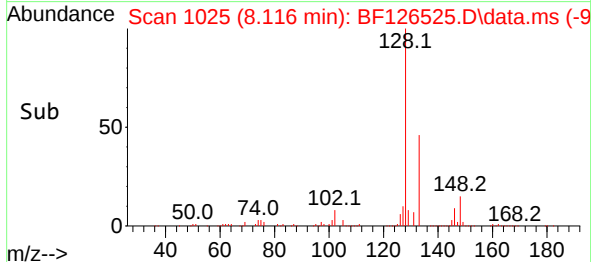
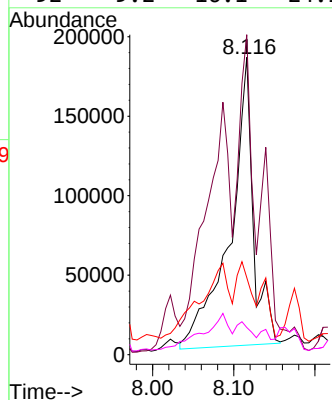
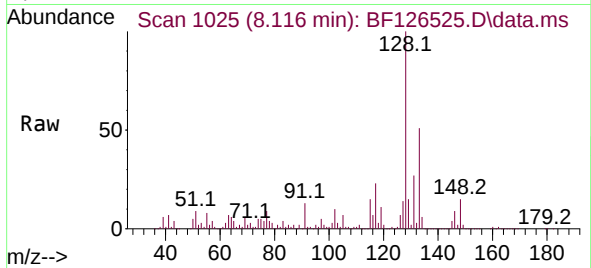




#33
4-Chloroaniline
Concen: 122.037 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.023 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

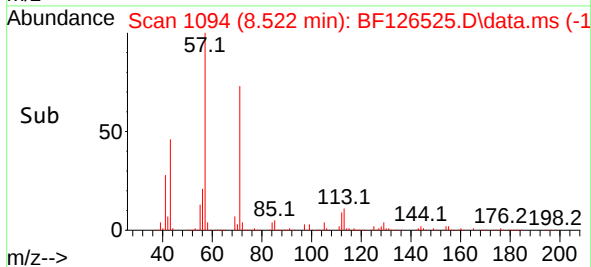
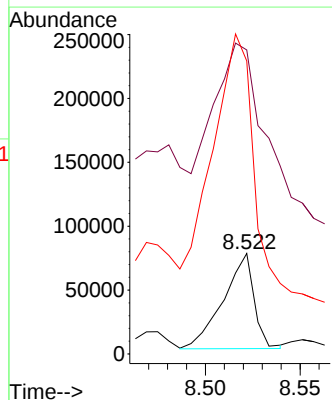
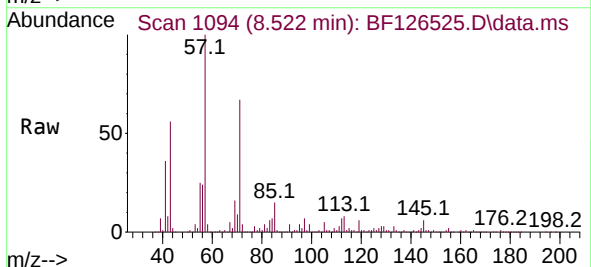
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

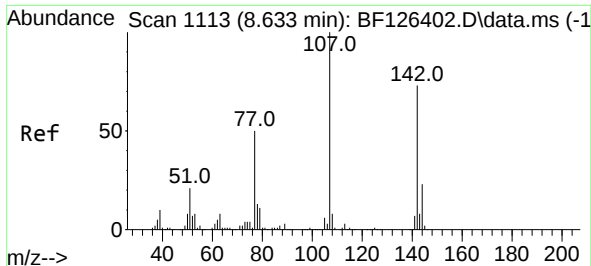
Tgt Ion:127 Resp: 358751
Ion Ratio Lower Upper
127 100
129 107.6 26.5 39.7#
65 25.9 26.6 39.8#
92 9.2 16.1 24.1#



#35
Caprolactam
Concen: 181.172 ng
RT: 8.522 min Scan# 1094
Delta R.T. 0.018 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:113 Resp: 84520
Ion Ratio Lower Upper
113 100
55 302.5 183.9 223.9#
56 291.4 129.9 169.9#

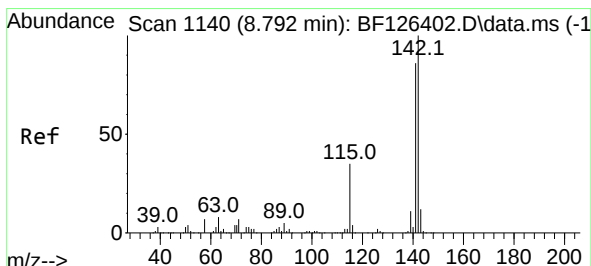
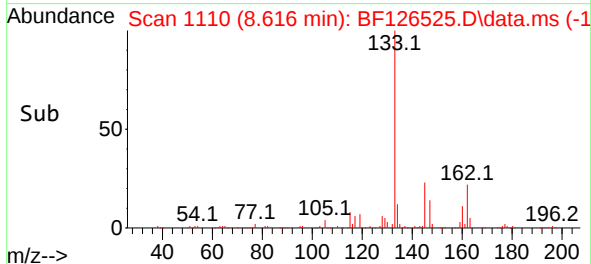
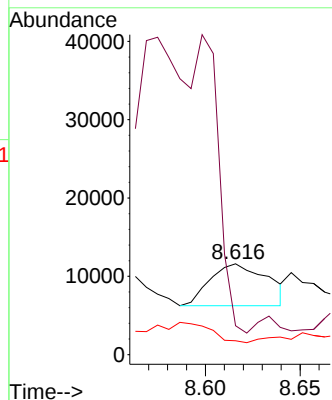
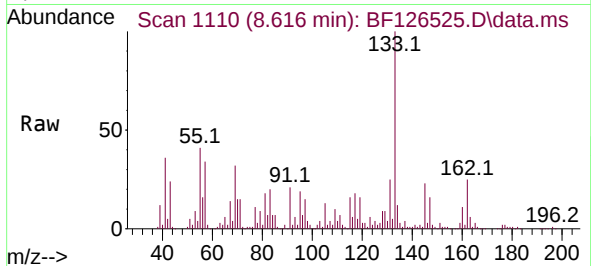




#36
4-Chloro-3-methylphenol
Concen: 5.015 ng
RT: 8.616 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

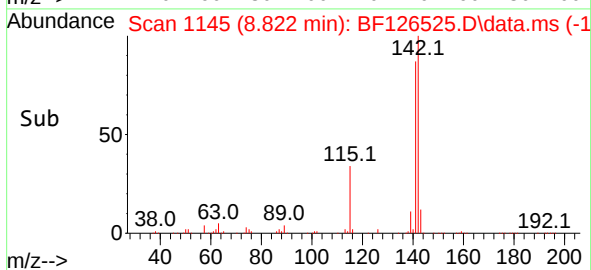
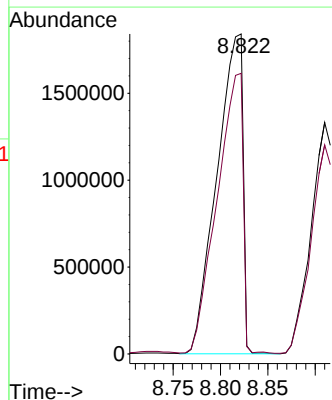
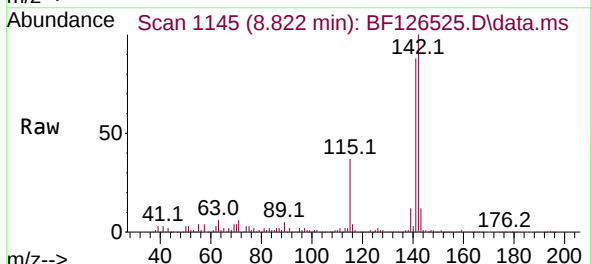
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

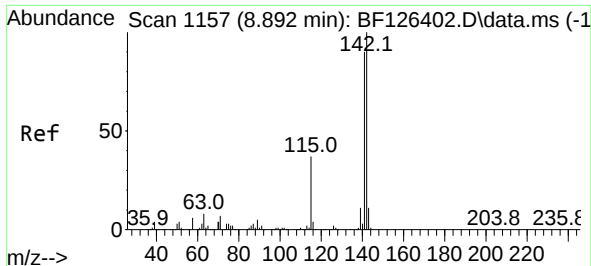
Tgt Ion:107 Resp: 11224
Ion Ratio Lower Upper
107 100
144 32.0 18.5 27.7#
142 15.3 58.1 87.1#



#37
2-Methylnaphthalene
Concen: 849.413 ng
RT: 8.822 min Scan# 1145
Delta R.T. 0.041 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:142 Resp: 3516108
Ion Ratio Lower Upper
142 100
141 87.7 68.6 102.8

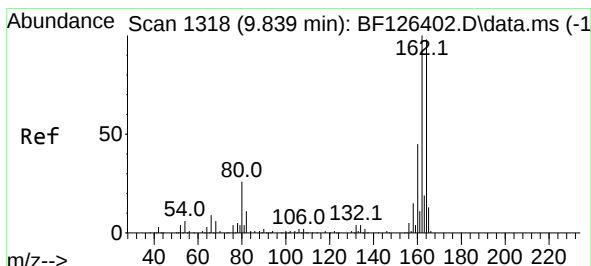
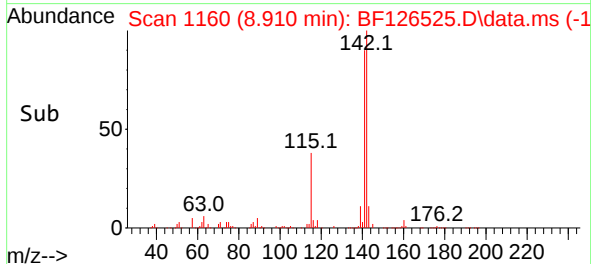
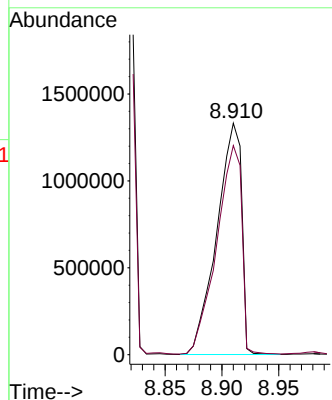
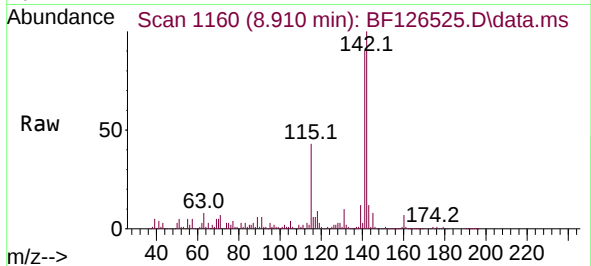




#38
1-Methylnaphthalene
Concen: 504.274 ng
RT: 8.910 min Scan# 1157
Delta R.T. 0.030 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

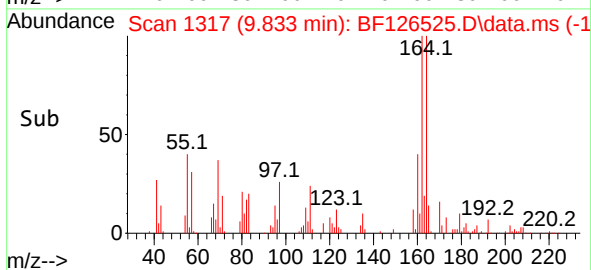
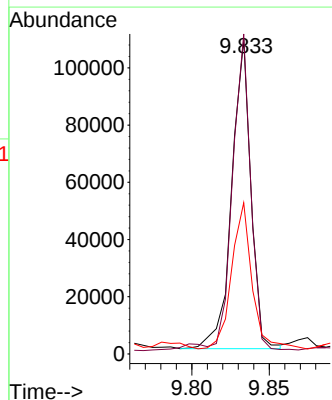
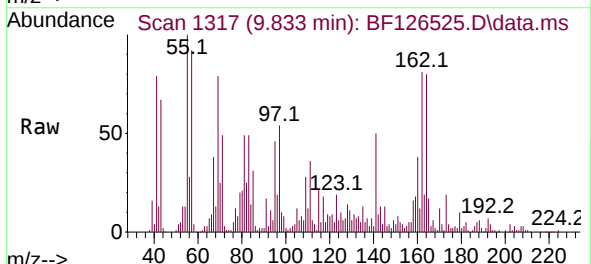
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

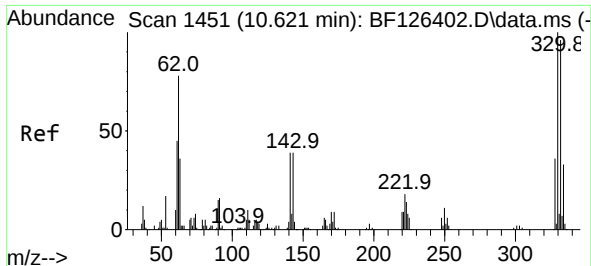
Tgt Ion:142 Resp: 2018173
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:164 Resp: 92821
Ion Ratio Lower Upper
164 100
162 101.8 81.4 122.0
160 48.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 54.477 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF126525.D

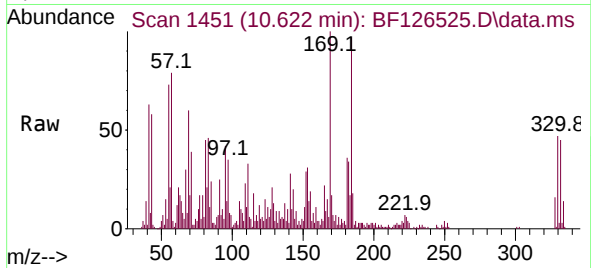
Acq: 6 Jan 2022 18:31

Instrument :

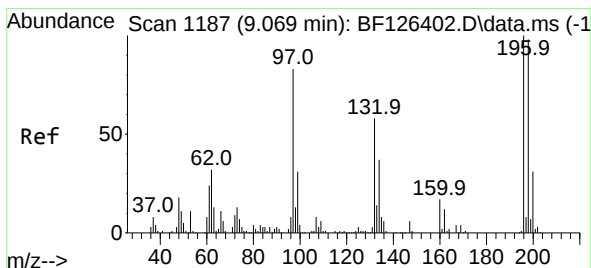
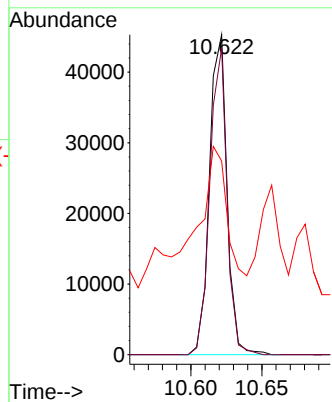
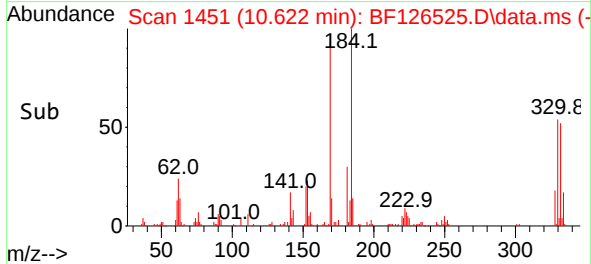
BNA_F

ClientSampleId :

HSB-8-(10-10.5)



Tgt Ion:	330	Resp:	39075
Ion Ratio	Lower	Upper	
330	100		
332	93.2	76.0	114.0
141	87.1	30.1	45.1#



#43

2,4,6-Trichlorophenol

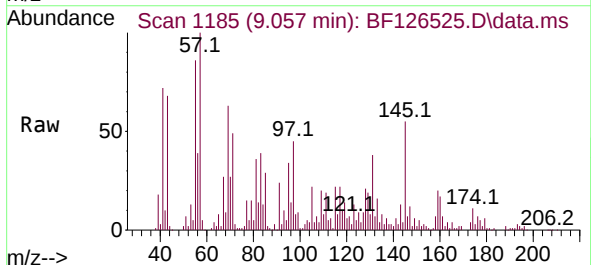
Concen: 2.674 ng

RT: 9.057 min Scan# 1185

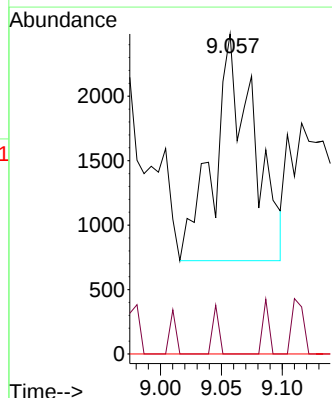
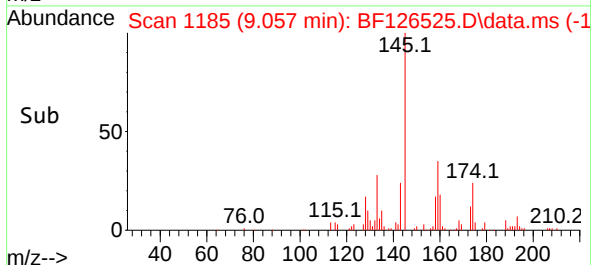
Delta R.T. -0.006 min

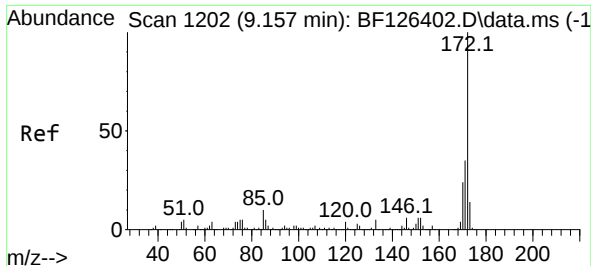
Lab File: BF126525.D

Acq: 6 Jan 2022 18:31



Tgt Ion:	196	Resp:	3988
Ion Ratio	Lower	Upper	
196	100		
198	0.0	78.5	117.7#
200	0.0	24.9	37.3#

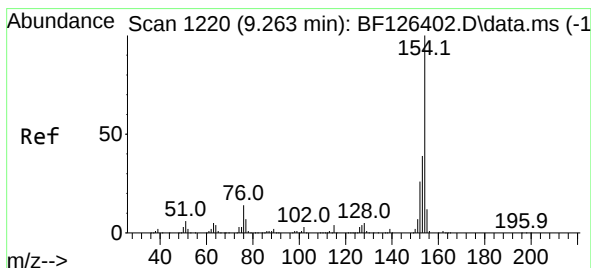
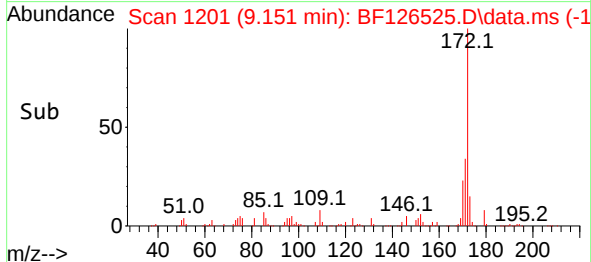
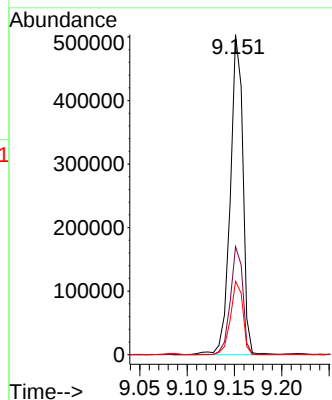
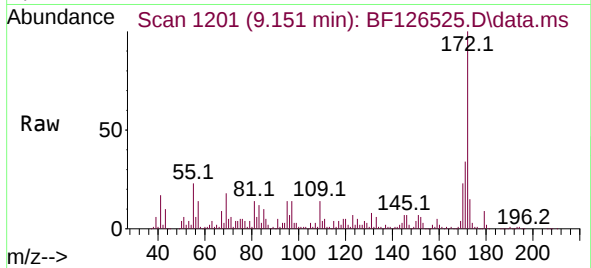




#45
2-Fluorobiphenyl
Concen: 88.493 ng
RT: 9.151 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

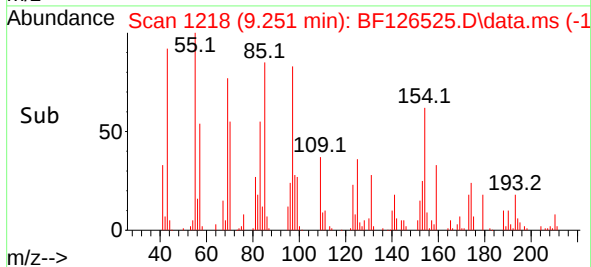
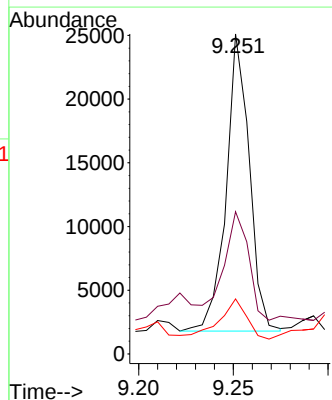
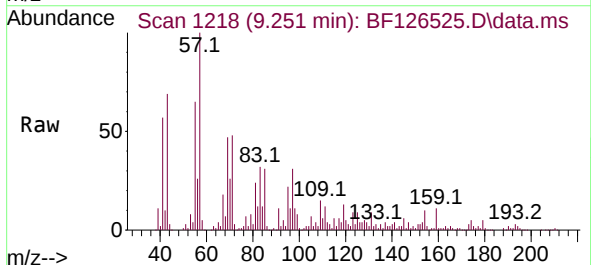
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

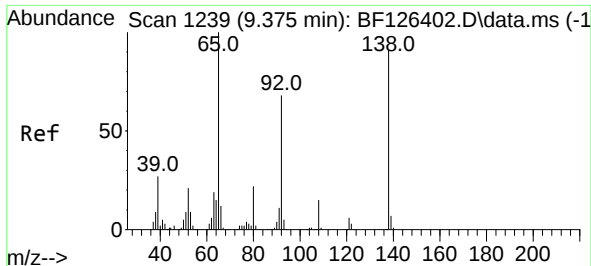
Tgt Ion:172 Resp: 466776
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 22.9 19.0 28.6



#46
1,1'-Biphenyl
Concen: 2.904 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:154 Resp: 19768
Ion Ratio Lower Upper
154 100
153 44.5 19.0 59.0
76 17.2 0.0 34.5

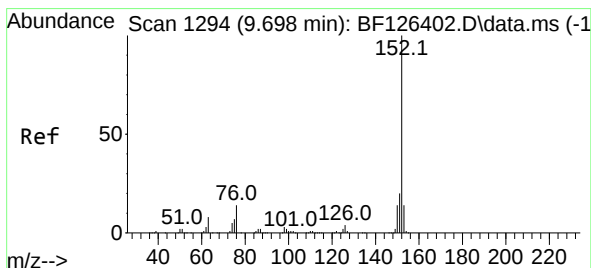
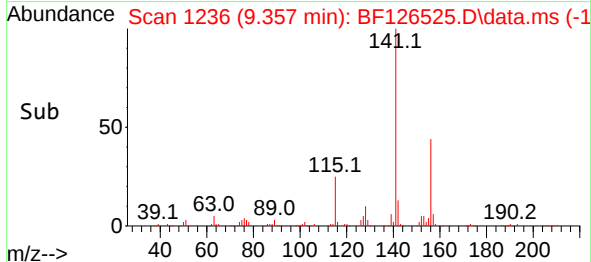
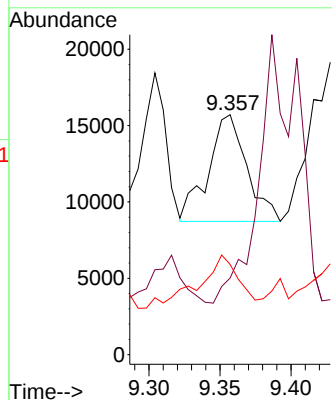
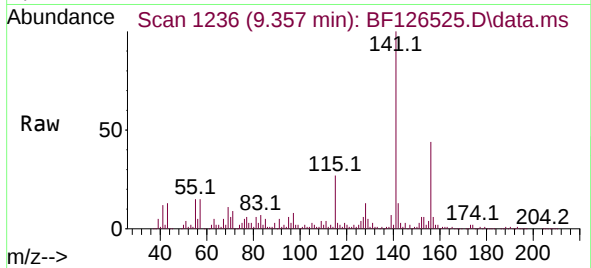




#48
2-Nitroaniline
Concen: 6.310 ng
RT: 9.357 min Scan# 1236
Delta R.T. -0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

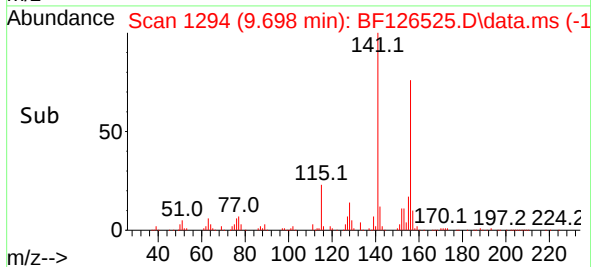
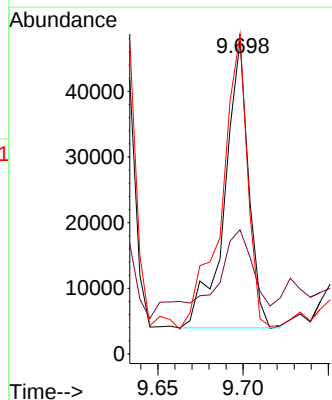
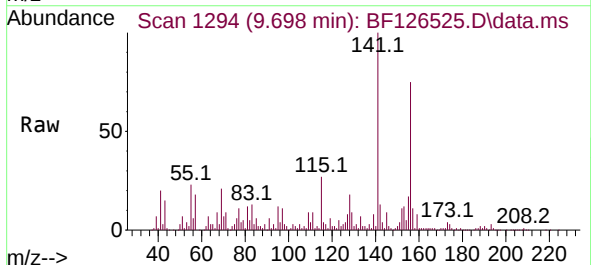
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

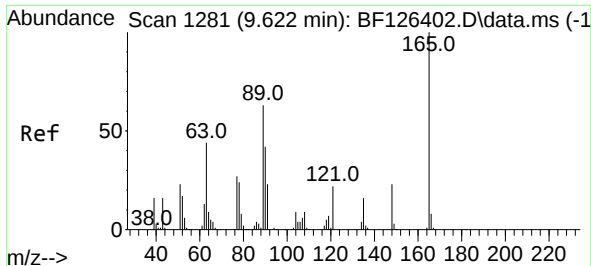
Tgt Ion: 65 Resp: 13139
Ion Ratio Lower Upper
65 100
92 32.0 54.4 81.6#
138 37.6 72.5 108.7#



#49
Acenaphthylene
Concen: 5.498 ng
RT: 9.698 min Scan# 1294
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 152 Resp: 42997
Ion Ratio Lower Upper
152 100
151 39.6 15.7 23.5#
153 102.1 11.4 17.0#





#51

2,6-Dinitrotoluene

Concen: 2.632 ng

RT: 9.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126525.D

Acq: 6 Jan 2022 18:31

Instrument :

BNA_F

ClientSampleId :

HSB-8-(10-10.5)

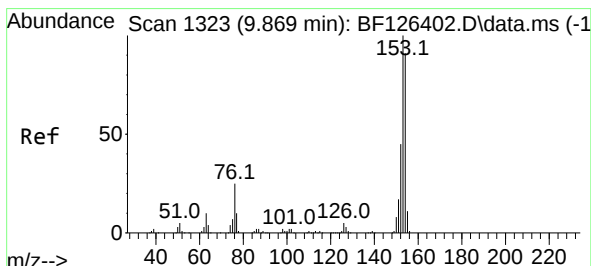
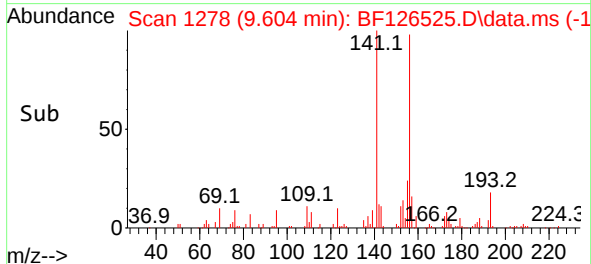
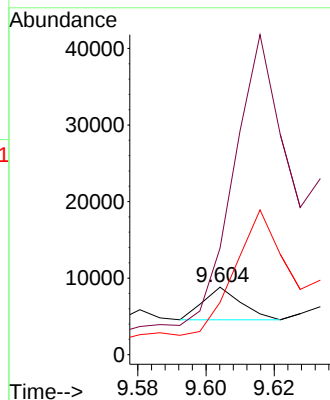
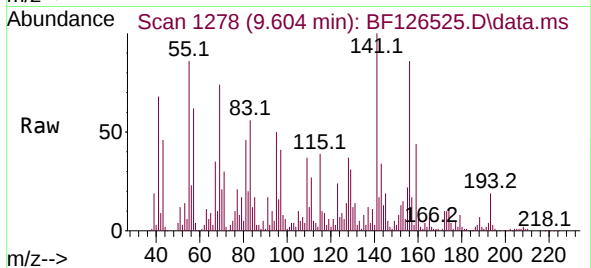
Tgt Ion:165 Resp: 3294

Ion Ratio Lower Upper

165 100

63 157.6 48.4 72.6#

89 77.5 50.5 75.7#



#52

Acenaphthene

Concen: 19.355 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF126525.D

Acq: 6 Jan 2022 18:31

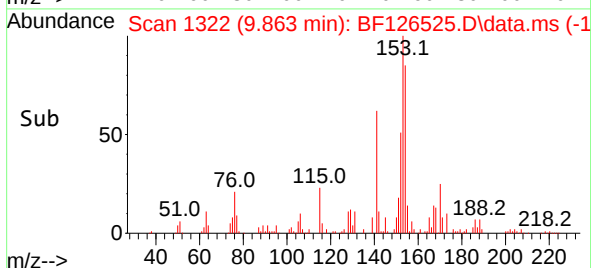
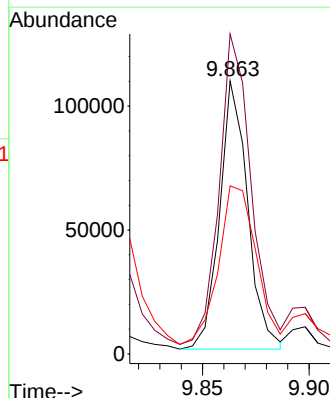
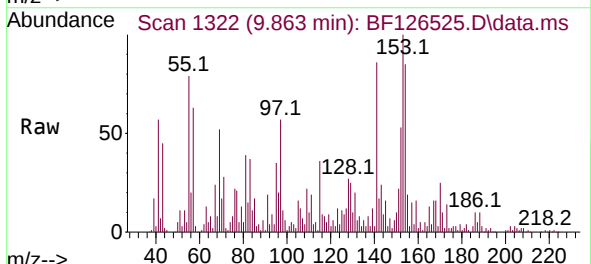
Tgt Ion:154 Resp: 99236

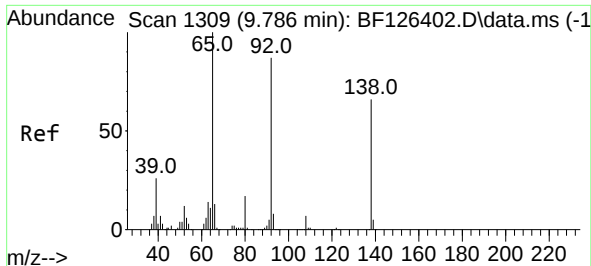
Ion Ratio Lower Upper

154 100

153 117.2 87.8 131.6

152 61.6 39.4 59.2#

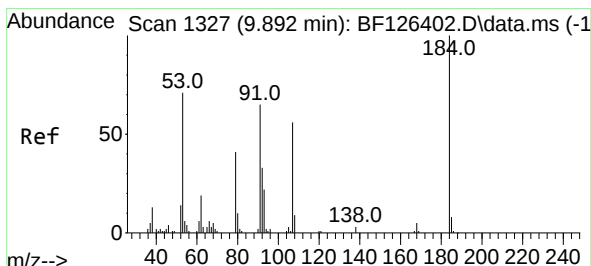
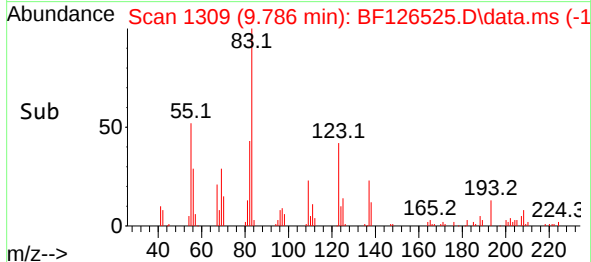
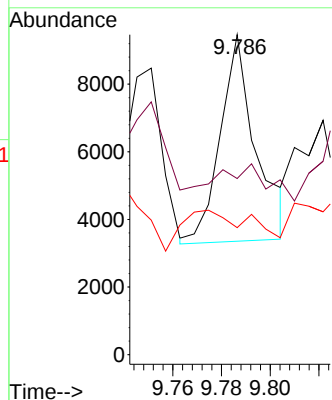
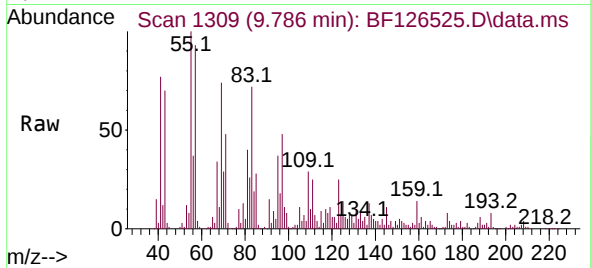




#53
3-Nitroaniline
Concen: 3.602 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

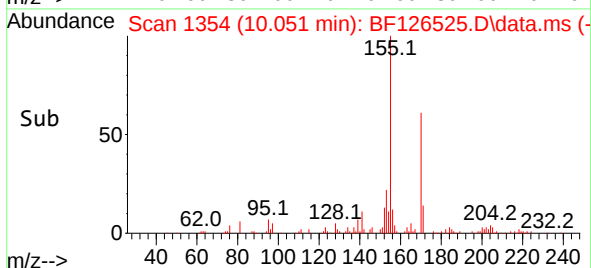
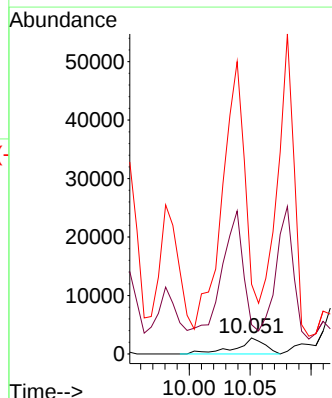
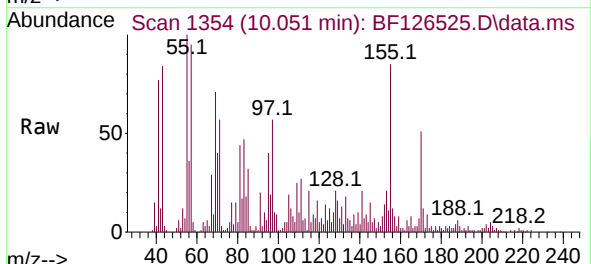
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

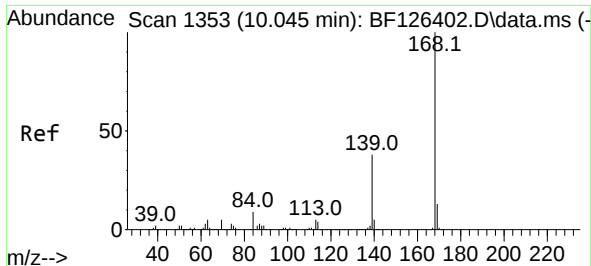
Tgt Ion:138 Resp: 6181
Ion Ratio Lower Upper
138 100
108 55.1 8.6 13.0#
92 39.7 105.0 157.6#



#54
2,4-Dinitrophenol
Concen: 10.635 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.165 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:184 Resp: 4489
Ion Ratio Lower Upper
184 100
63 182.0 70.4 105.6#
154 434.7 49.7 74.5#

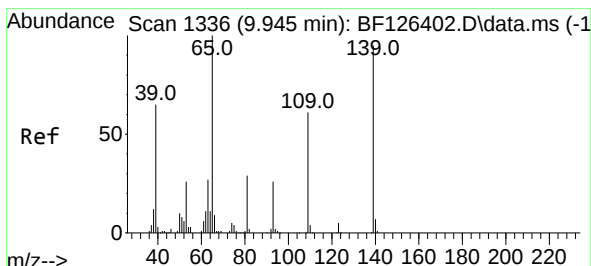
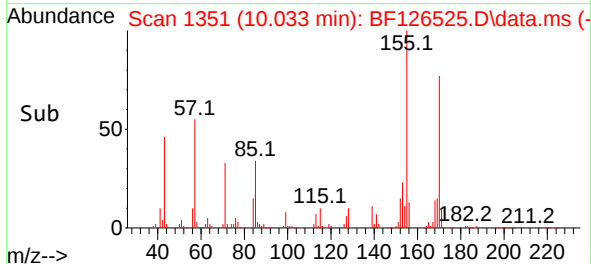
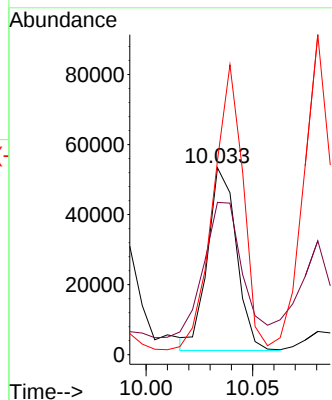
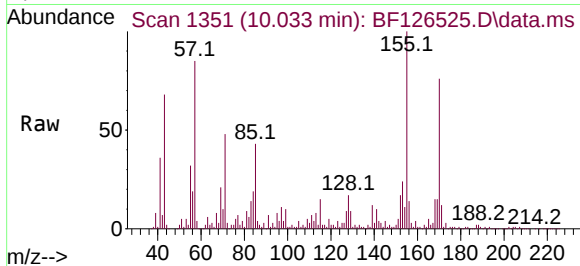




#55
Dibenzenofuran
Concen: 7.125 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

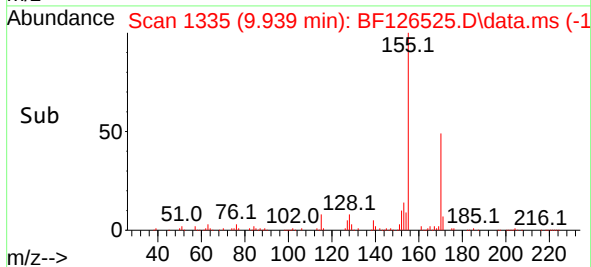
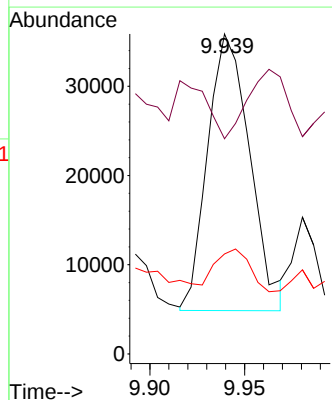
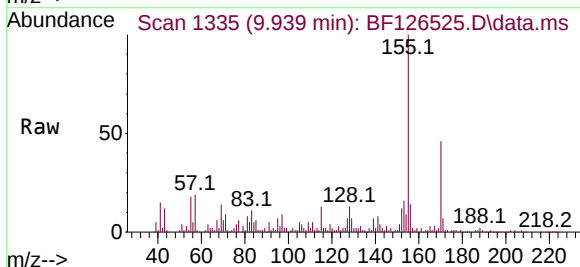
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

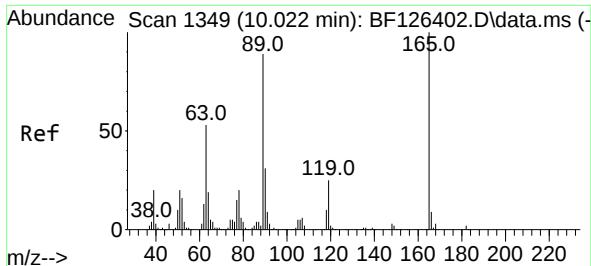
Tgt Ion:168 Resp: 49387
Ion Ratio Lower Upper
168 100
139 81.5 30.6 46.0#
169 103.9 10.0 15.0#



#56
4-Nitrophenol
Concen: 39.363 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:139 Resp: 48034
Ion Ratio Lower Upper
139 100
109 67.3 44.1 84.1
65 31.3 85.5 125.5#

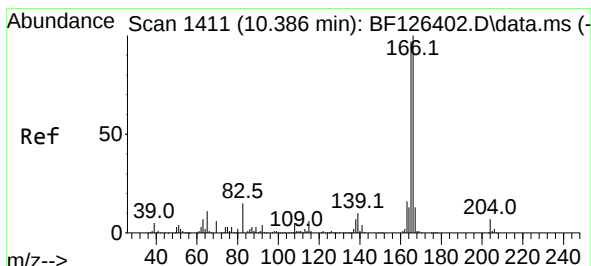
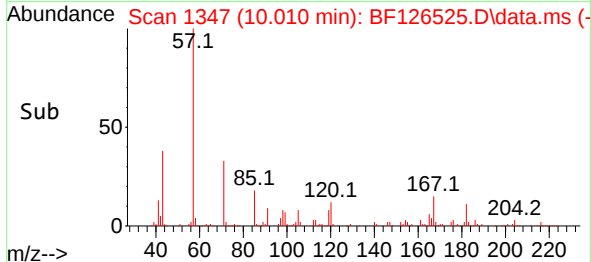
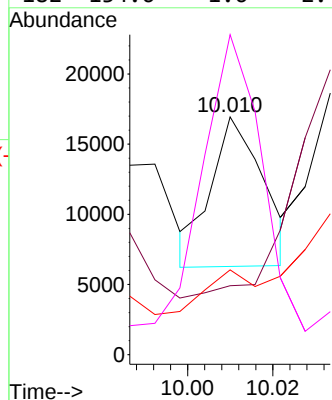
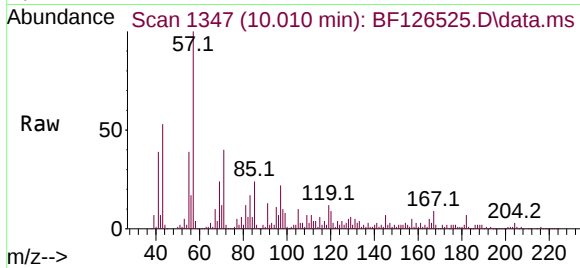




#57
2,4-Dinitrotoluene
Concen: 5.624 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

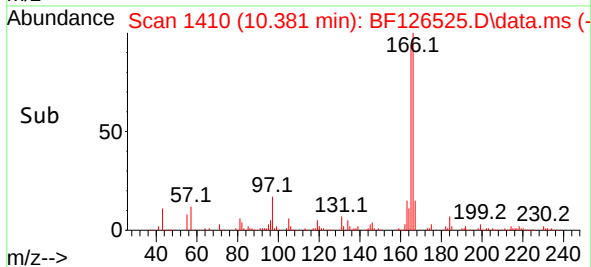
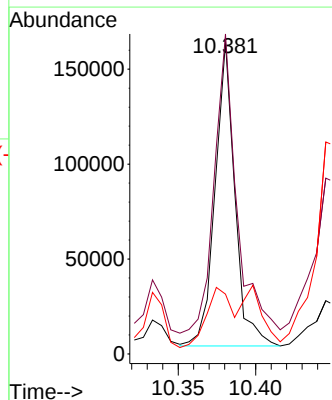
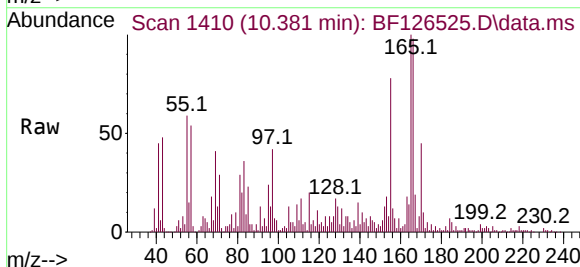
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

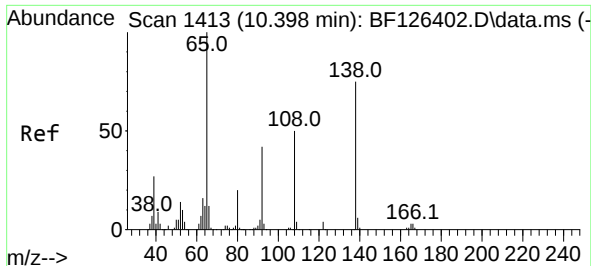
Tgt Ion:165 Resp: 9080
Ion Ratio Lower Upper
165 100
63 29.0 43.0 64.6#
89 35.7 71.0 106.4#
182 134.6 1.6 2.4#



#58
Fluorene
Concen: 29.014 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:166 Resp: 142186
Ion Ratio Lower Upper
166 100
165 102.5 77.7 116.5
167 19.1 10.7 16.1#

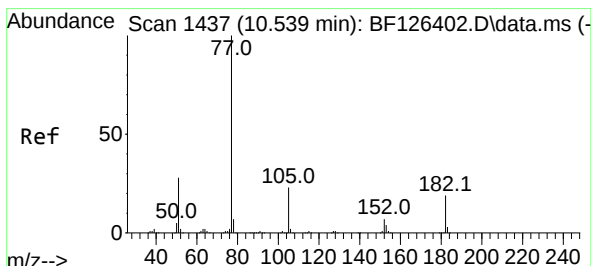
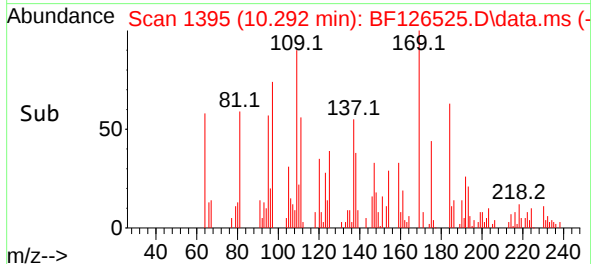
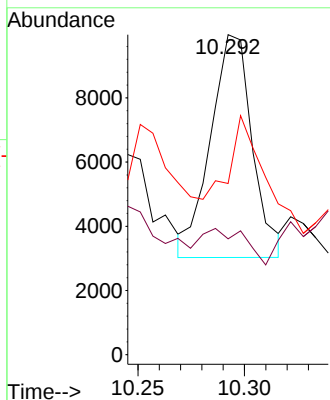
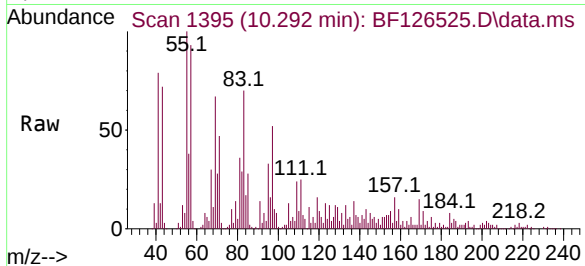




#62
4-Nitroaniline
Concen: 5.840 ng
RT: 10.292 min Scan# 11
Delta R.T. -0.100 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

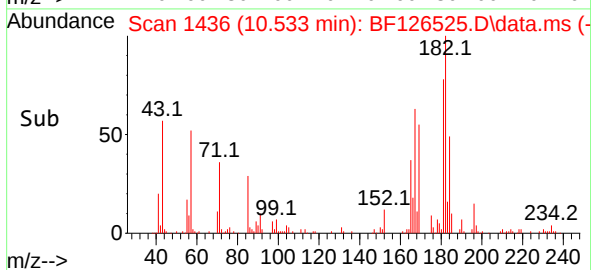
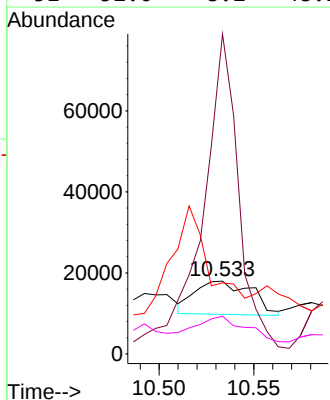
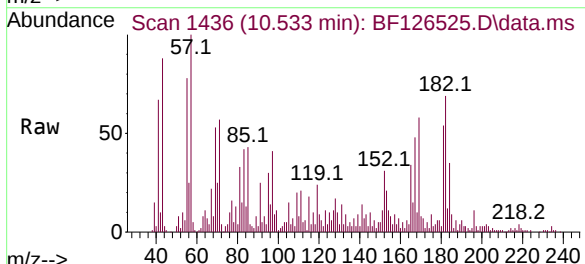
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

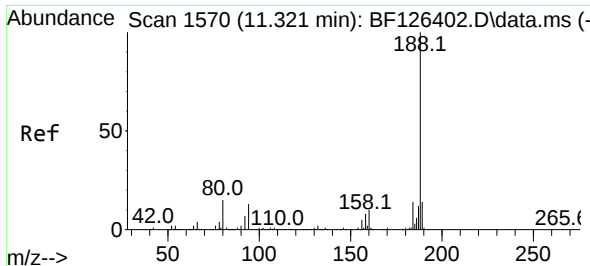
Tgt Ion:138 Resp: 9438
Ion Ratio Lower Upper
138 100
92 36.2 36.2 76.2
108 53.5 46.7 86.7



#63
Azobenzene
Concen: 2.350 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion: 77 Resp: 16907
Ion Ratio Lower Upper
77 100
182 439.3 0.0 39.0#
105 97.6 3.2 43.2#
51 52.0 8.2 48.2#

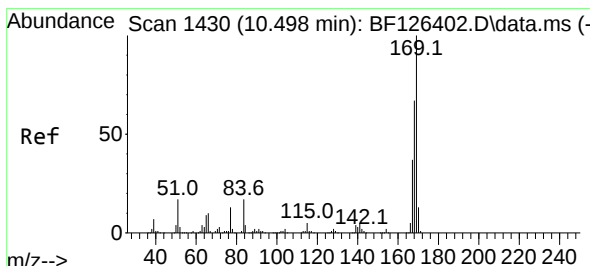
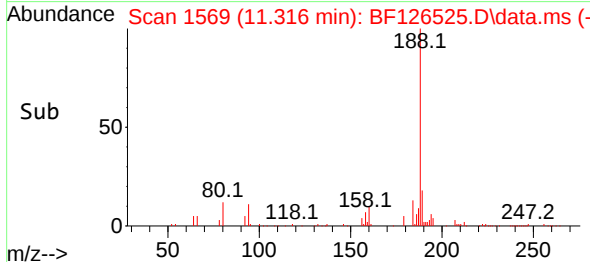
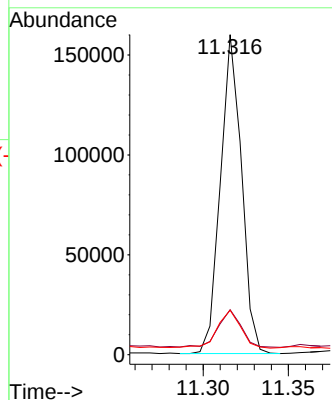
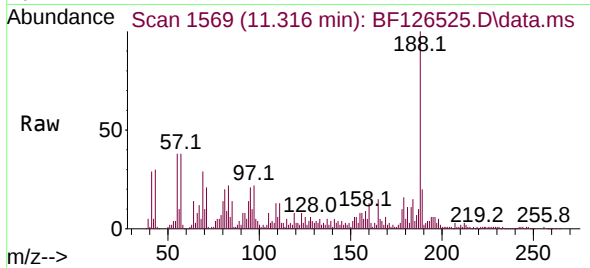




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

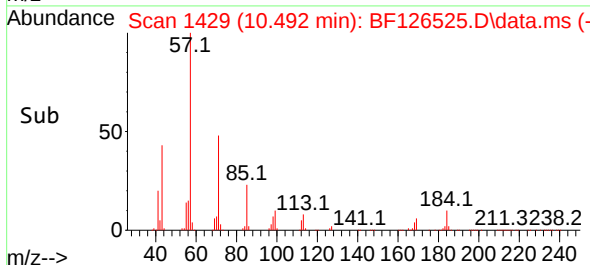
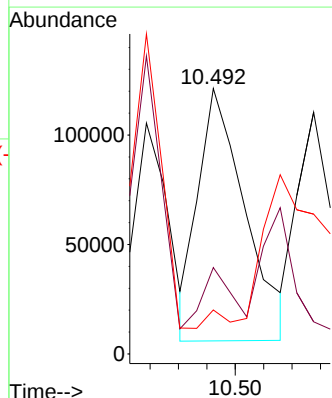
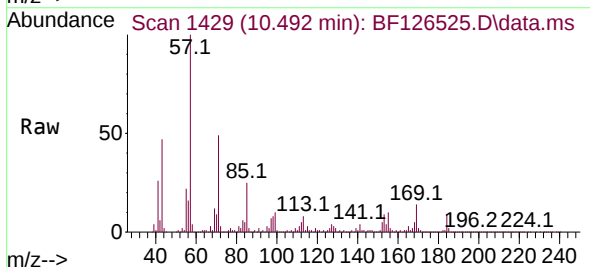
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

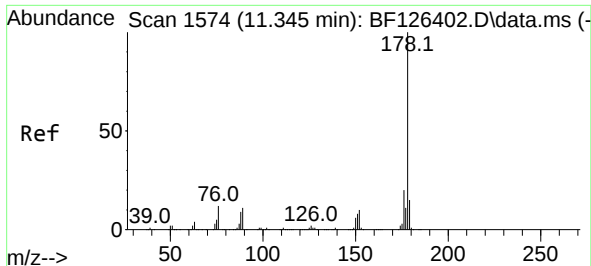
Tgt Ion:188 Resp: 137275
Ion Ratio Lower Upper
188 100
94 14.0 10.1 15.1
80 13.9 11.8 17.6



#66
n-Nitrosodiphenylamine
Concen: 31.069 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:169 Resp: 132322
Ion Ratio Lower Upper
169 100
168 32.5 53.4 80.0#
167 16.6 29.4 44.0#

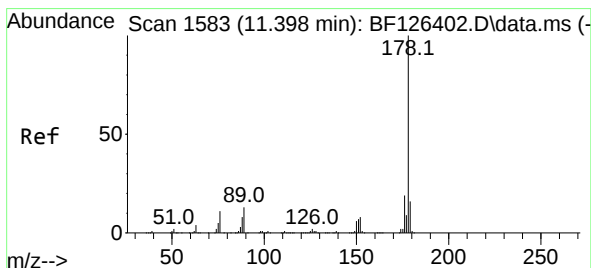
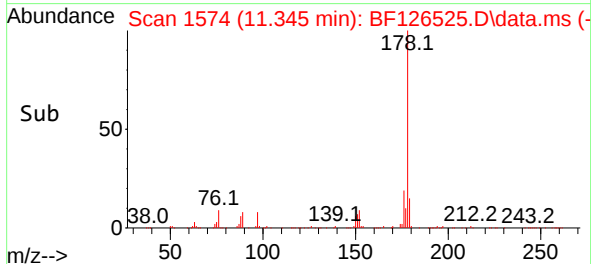
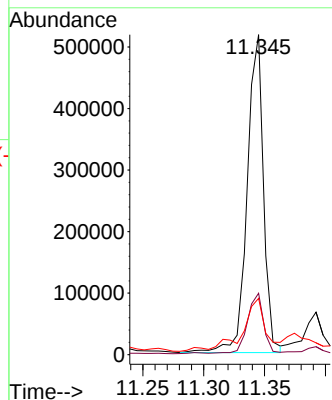
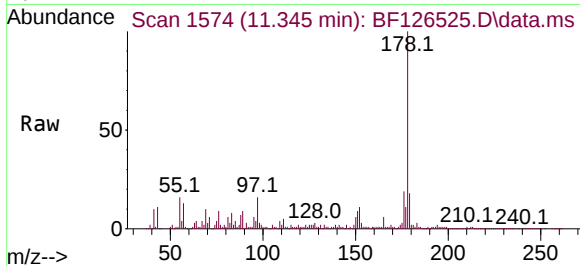




#71
Phenanthrene
Concen: 68.884 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.012 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

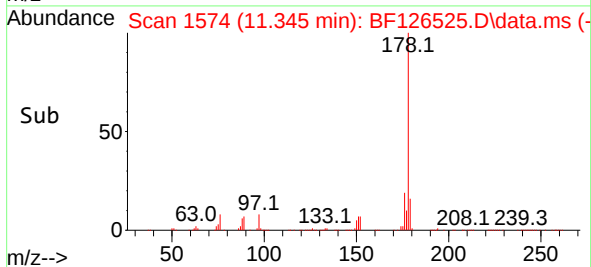
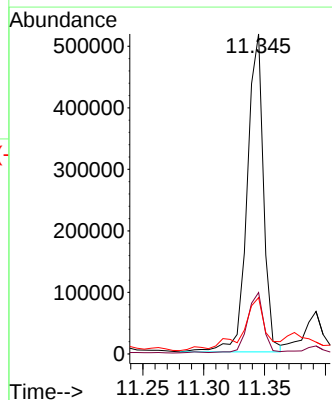
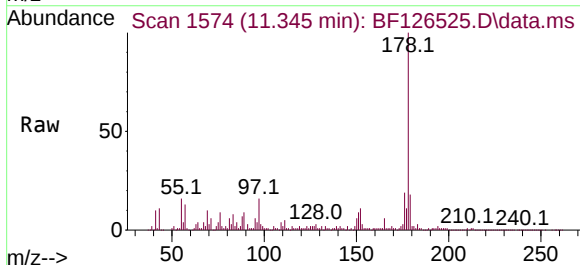
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

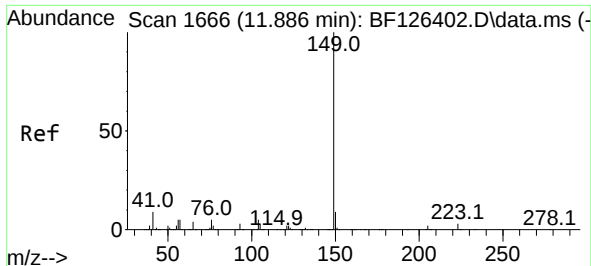
Tgt Ion:178 Resp: 483442
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 17.6 12.3 18.5



#72
Anthracene
Concen: 68.843 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.041 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:178 Resp: 483442
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.6
179 17.6 12.5 18.7

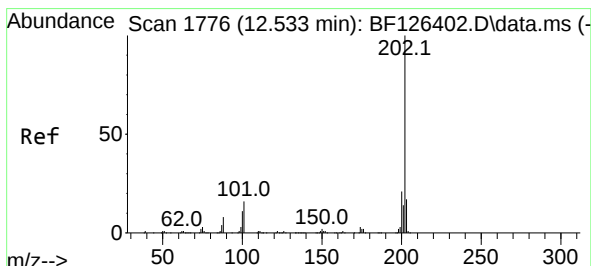
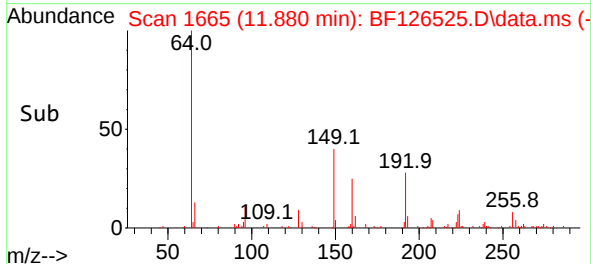
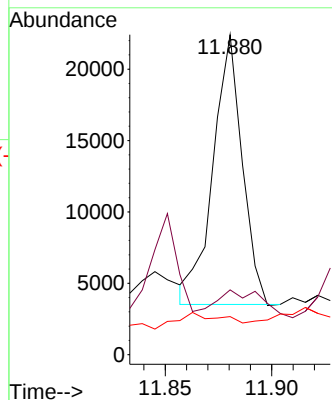
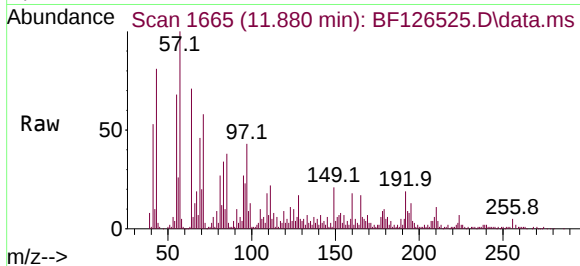




#74
Di-n-butylphthalate
Concen: 2.294 ng
RT: 11.880 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

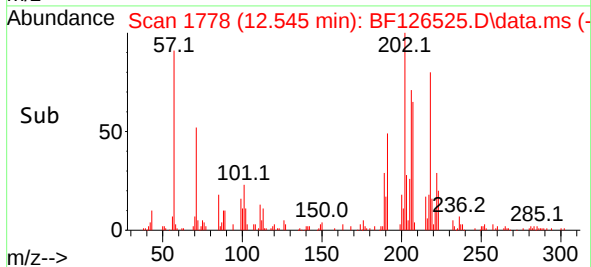
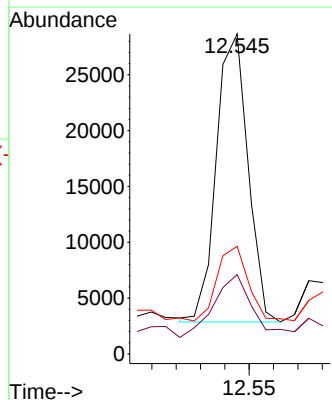
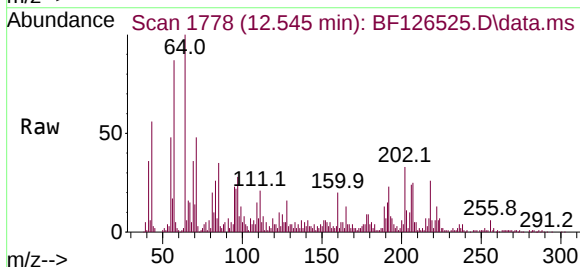
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

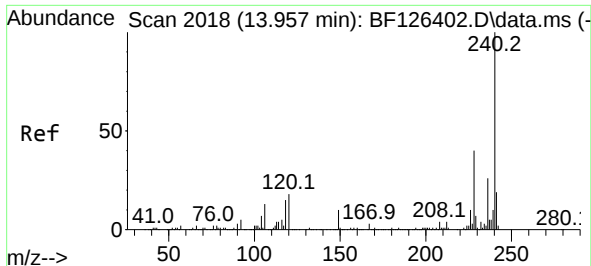
Tgt Ion:149 Resp: 17960
Ion Ratio Lower Upper
149 100
150 20.3 7.2 10.8#
104 11.9 4.2 6.2#



#75
Fluoranthene
Concen: 3.633 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.024 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:202 Resp: 23273
Ion Ratio Lower Upper
202 100
101 24.8 0.0 35.7
203 33.6 0.0 37.1

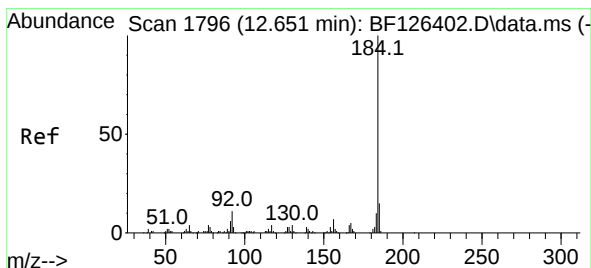
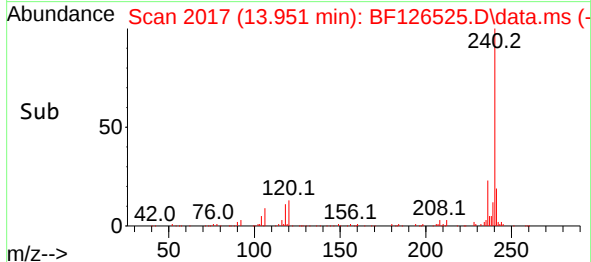
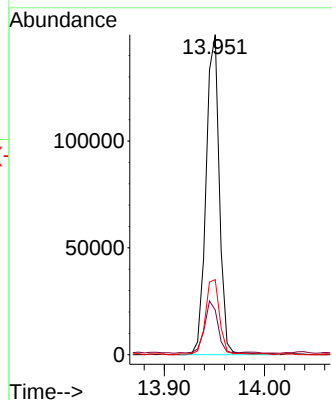
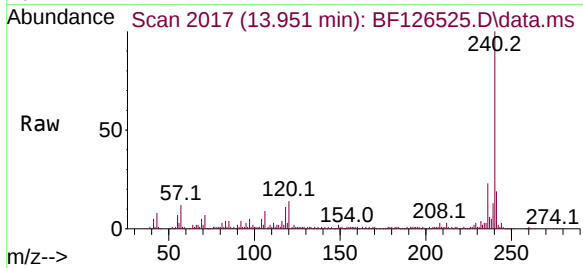




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

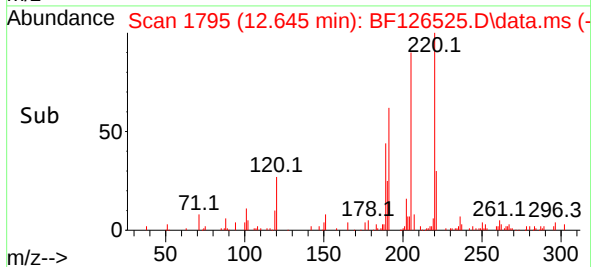
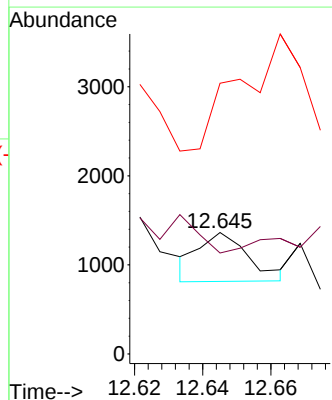
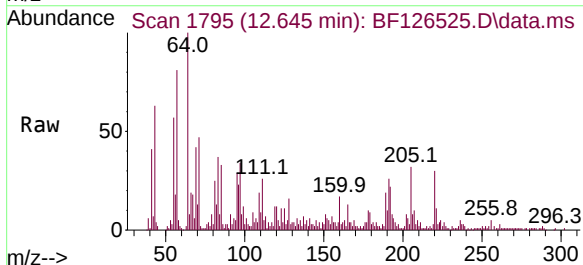
Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

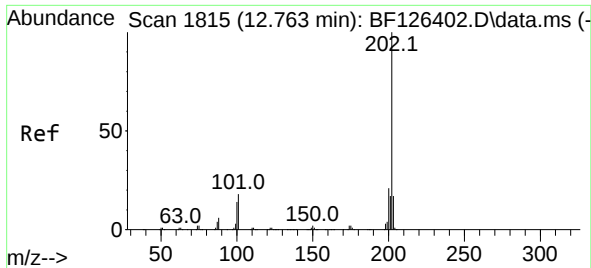
Tgt Ion:240 Resp: 138968
Ion Ratio Lower Upper
240 100
120 14.0 14.4 21.6#
236 23.5 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:184 Resp: 552
Ion Ratio Lower Upper
184 100
185 83.1 11.8 17.8#
183 223.0 8.2 12.2#

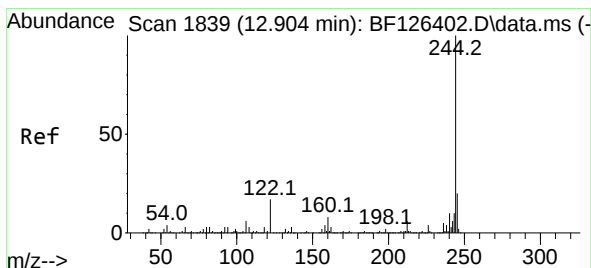
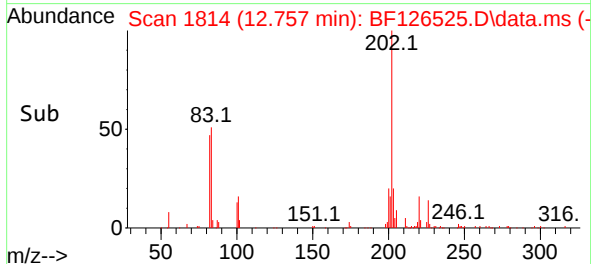
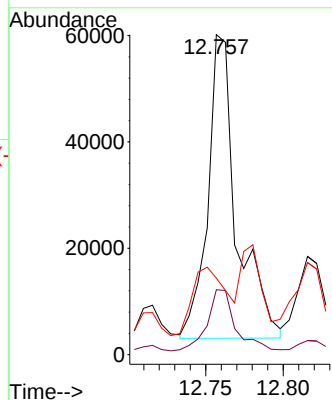
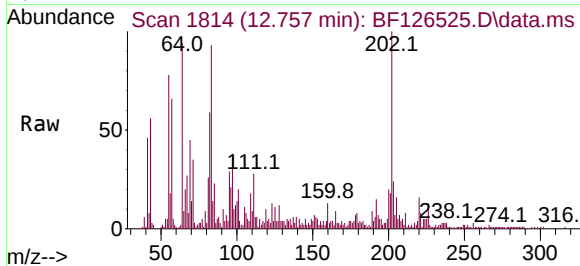




#78
 Pyrene
 Concen: 6.313 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. 0.006 min
 Lab File: BF126525.D
 Acq: 6 Jan 2022 18:31

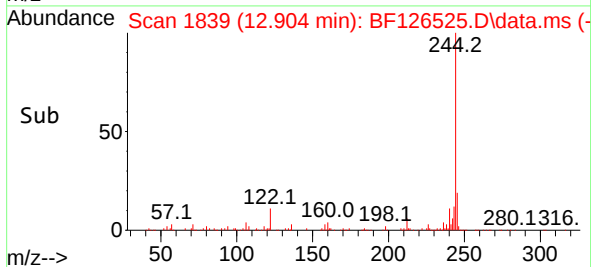
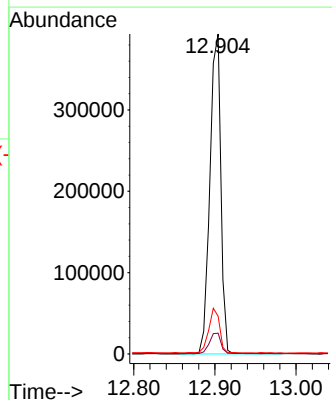
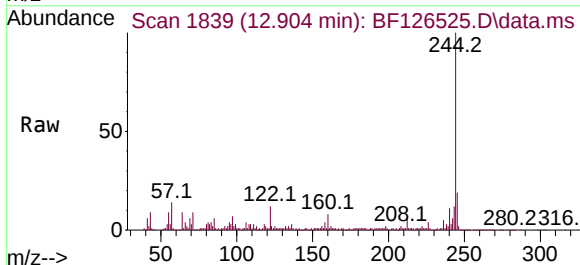
Instrument :
 BNA_F
 ClientSampleId :
 HSB-8-(10-10.5)

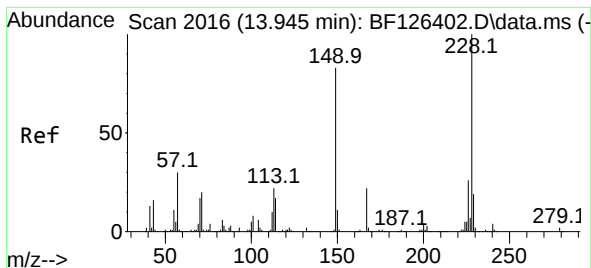
Tgt Ion:202 Resp: 74136
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.6 24.8
 203 23.9 13.8 20.8#



#79
 Terphenyl-d14
 Concen: 51.336 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF126525.D
 Acq: 6 Jan 2022 18:31

Tgt Ion:244 Resp: 367177
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.8 13.3 19.9#

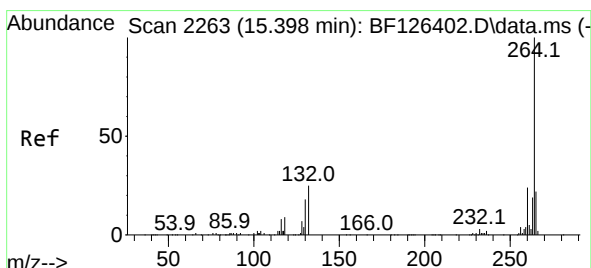
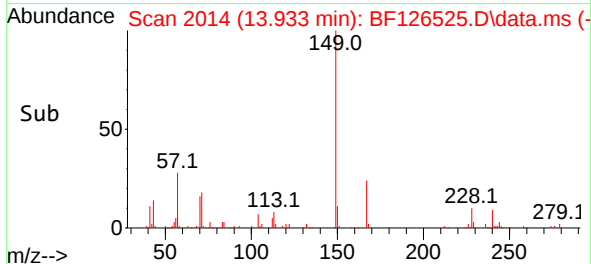
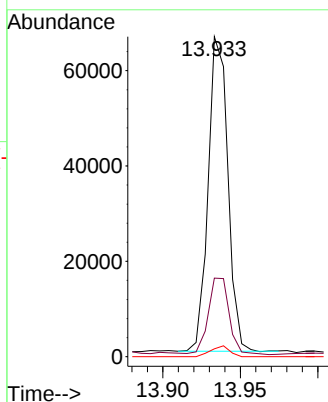
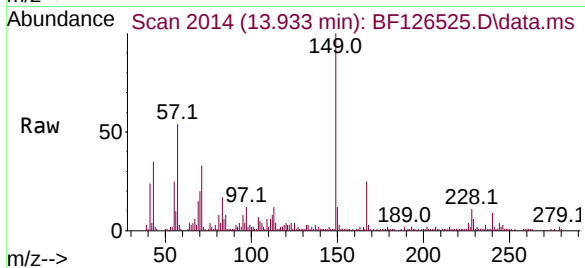




#84
Bis(2-ethylhexyl)phthalate
Concen: 10.804 ng
RT: 13.933 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Instrument :
BNA_F
ClientSampleId :
HSB-8-(10-10.5)

Tgt Ion:149 Resp: 58269
Ion Ratio Lower Upper
149 100
167 24.6 21.4 32.2
279 2.5 2.4 3.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.006 min
Lab File: BF126525.D
Acq: 6 Jan 2022 18:31

Tgt Ion:264 Resp: 158850
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 20.5 17.4 26.2

