

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126286.D
 Acq On : 20 Dec 2021 19:18
 Operator : JU/CG
 Sample : M5083-11MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB4MSD

Quant Time: Dec 21 05:11:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	142154	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	526724	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	206181	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	314454	20.000	ng	# 0.00
76) Chrysene-d12	14.016	240	163611	20.000	ng	0.05
86) Perylene-d12	15.451	264	259599	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1092022	113.128	ng	0.02
7) Phenol-d6	6.451	99	1327346	108.295	ng	0.00
23) Nitrobenzene-d5	7.381	82	815737	83.876	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	182722	110.275	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	949397	80.761	ng	0.00
79) Terphenyl-d14	12.939	244	766209	81.398	ng	0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	225910	47.944	ng	# 100
3) Pyridine	3.346	79	492545	39.362	ng	# 79
4) n-Nitrosodimethylamine	3.293	42	252827	52.571	ng	# 1
6) Aniline	6.481	93	435067	27.945	ng	96
8) 2-Chlorophenol	6.604	128	478202	48.852	ng	90
9) Benzaldehyde	6.363	77	347181	46.940	ng	94
10) Phenol	6.463	94	645791	46.938	ng	90
11) bis(2-Chloroethyl)ether	6.551	93	524259	49.091	ng	95
12) 1,3-Dichlorobenzene	6.757	146	465630	47.155	ng	97
13) 1,4-Dichlorobenzene	6.840	146	466891	46.822	ng	97
14) 1,2-Dichlorobenzene	6.987	146	448992	48.699	ng	95
15) Benzyl Alcohol	6.957	79	397912	44.471	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	812345	46.482	ng	94
17) 2-Methylphenol	7.075	107	372743	43.467	ng	97
18) Hexachloroethane	7.334	117	176676	45.044	ng	95
19) n-Nitroso-di-n-propyla...	7.234	70	317501	42.196	ng	# 73
20) 3+4-Methylphenols	7.222	107	425694	41.991	ng	# 79
22) Acetophenone	7.228	105	609140	50.250	ng	96
24) Nitrobenzene	7.398	77	491561	50.631	ng	90
25) Isophorone	7.640	82	862489	46.962	ng	# 87
26) 2-Nitrophenol	7.716	139	221966	50.716	ng	# 82
27) 2,4-Dimethylphenol	7.757	122	389064	52.345	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	557122	46.139	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	302081	45.722	ng	93
30) 1,2,4-Trichlorobenzene	8.045	180	321617	47.062	ng	98
31) Naphthalene	8.122	128	1207203	49.009	ng	99
32) Benzoic acid	7.869	122	277268	43.301	ng	91
33) 4-Chloroaniline	8.169	127	137509	13.370	ng	97
34) Hexachlorobutadiene	8.245	225	162507	48.418	ng	99
35) Caprolactam	8.534	113	107718	65.603	ng	# 84
36) 4-Chloro-3-methylphenol	8.651	107	339731	43.592	ng	87
37) 2-Methylnaphthalene	8.816	142	718096	47.338	ng	96
38) 1-Methylnaphthalene	8.916	142	650167	44.164	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	243362	54.688	ng	# 96
41) Hexachlorocyclopentadiene	8.969	237	108740	42.673	ng	91
43) 2,4,6-Trichlorophenol	9.092	196	169615	48.454	ng	93

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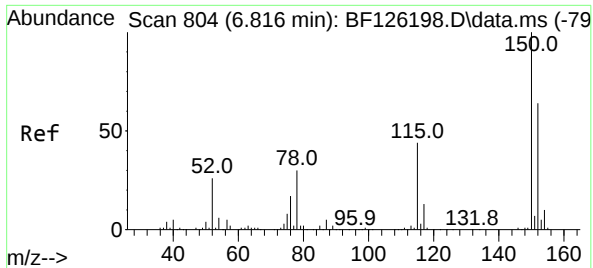
Quant Time: Dec 21 05:11:37 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	172248	47.516	ng	96
46) 1,1'-Biphenyl	9.281	154	813195	53.341	ng	96
47) 2-Chloronaphthalene	9.304	162	567986	49.518	ng	99
48) 2-Nitroaniline	9.392	65	210717	50.331	ng	87
49) Acenaphthylene	9.716	152	1195480	68.208	ng	97
50) Dimethylphthalate	9.581	163	642639	49.204	ng	99
51) 2,6-Dinitrotoluene	9.639	165	136530	48.297	ng	92
52) Acenaphthene	9.892	154	1051312	92.494	ng	98
53) 3-Nitroaniline	9.804	138	107313	29.867	ng #	81
54) 2,4-Dinitrophenol	9.910	184	58624	50.365	ng #	83
55) Dibenzofuran	10.063	168	773250	49.967	ng	97
56) 4-Nitrophenol	9.963	139	263671	101.593	ng #	76
57) 2,4-Dinitrotoluene	10.039	165	193063	53.539	ng #	94
58) Fluorene	10.404	166	718707	64.152	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	126483	47.058	ng #	98
60) Diethylphthalate	10.281	149	610434	46.509	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	219725	43.560	ng	94
62) 4-Nitroaniline	10.416	138	130816	43.402	ng #	73
63) Azobenzene	10.557	77	694136	43.663	ng	83
65) 4,6-Dinitro-2-methylph...	10.445	198	38441	22.387	ng	87
66) n-Nitrosodiphenylamine	10.516	169	477114	47.277	ng	90
67) 4-Bromophenyl-phenylether	10.886	248	139544	47.284	ng	90
68) Hexachlorobenzene	10.957	284	151509	44.637	ng #	84
69) Atrazine	11.045	200	134119	72.519	ng	98
70) Pentachlorophenol	11.151	266	178252	94.662	ng	92
71) Phenanthrene	11.369	178	1354832	83.477	ng	96
72) Anthracene	11.422	178	1505255	92.403	ng	98
73) Carbazole	11.575	167	887005	57.819	ng	100
74) Di-n-butylphthalate	11.910	149	948590	48.776	ng	99
75) Fluoranthene	12.616	202	11727121	801.975	ng	90
77) Benzidine	12.710	184	288506	111.850	ng	98
78) Pyrene	12.845	202	8803579	585.683	ng #	87
80) Butylbenzylphthalate	13.410	149	407497	57.610	ng #	80
81) Benzo(a)anthracene	14.004	228	4156007	428.833	ng	95
82) 3,3'-Dichlorobenzidine	13.957	252	217814	49.195	ng #	95
83) Chrysene	14.039	228	2221972	220.667	ng	92
84) Bis(2-ethylhexyl)phtha...	13.974	149	491176	62.141	ng	99
85) Di-n-octyl phthalate	14.580	149	1097996	77.924	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	1287367	74.347	ng	94
88) Benzo(b)fluoranthene	15.051	252	5504693	352.908	ng	97
89) Benzo(k)fluoranthene	15.051	252	5504693	368.910	ng #	96
90) Benzo(a)pyrene	15.410	252	2275840	175.551	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	717270	50.957	ng	98
92) Benzo(g,h,i)perylene	17.327	276	1035807	71.123	ng	94

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

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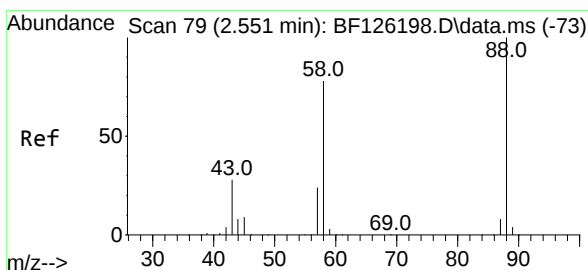
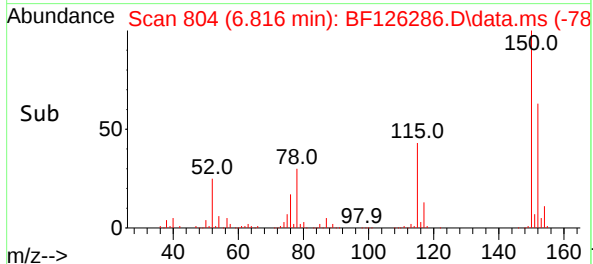
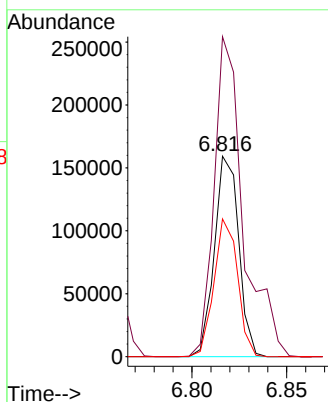
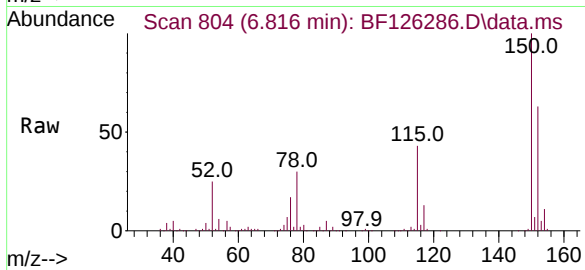




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF126286.D
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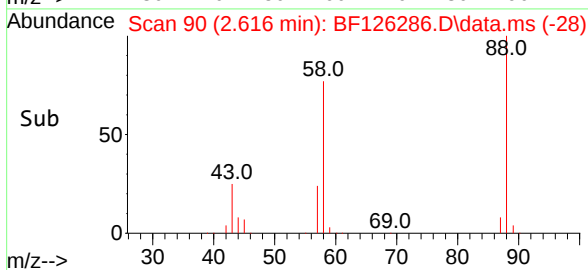
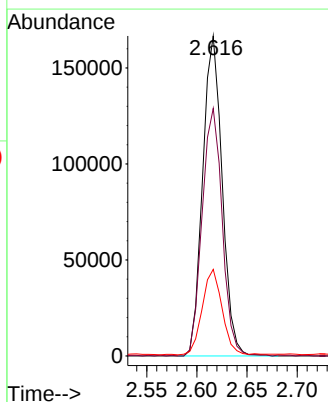
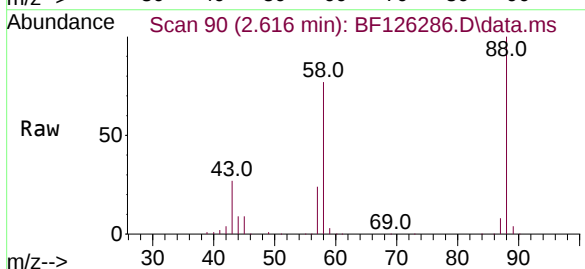
Instrument :
 BNA_F
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 BB4MSD

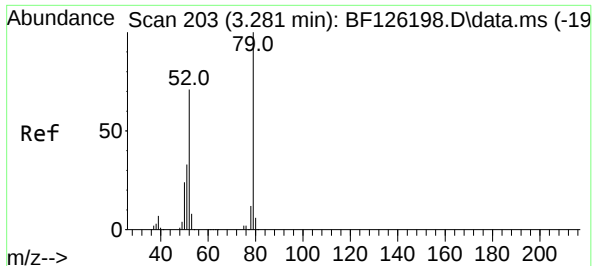
Tgt Ion:152 Resp: 142154
 Ion Ratio Lower Upper
 152 100
 150 159.6 117.6 176.4
 115 68.7 47.1 70.7



#2
 1,4-Dioxane
 Concen: 47.944 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.065 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Tgt Ion: 88 Resp: 225910
 Ion Ratio Lower Upper
 88 100
 58 79.7 0.0 0.0#
 43 27.4 0.0 0.0#

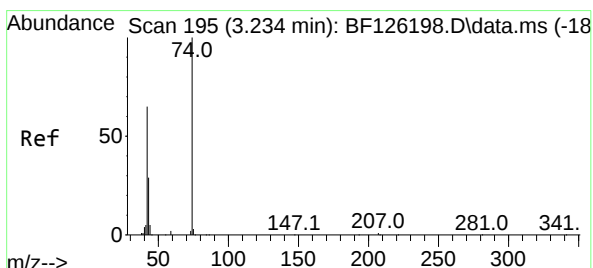
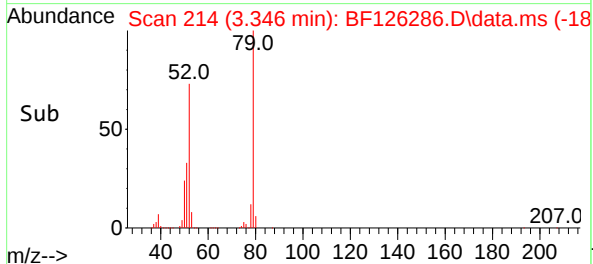
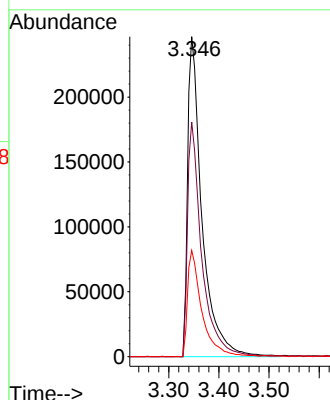
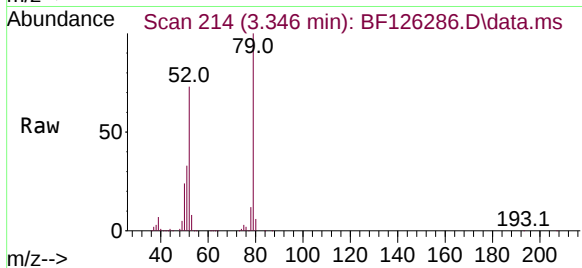




#3
Pyridine
Concen: 39.362 ng
RT: 3.346 min Scan# 21
Delta R.T. 0.065 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

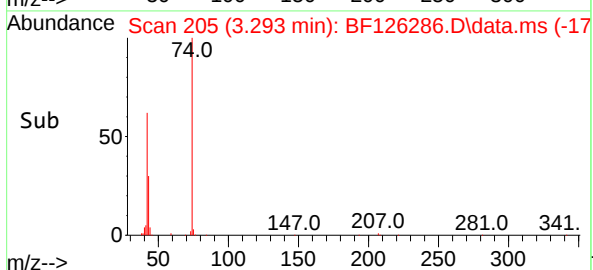
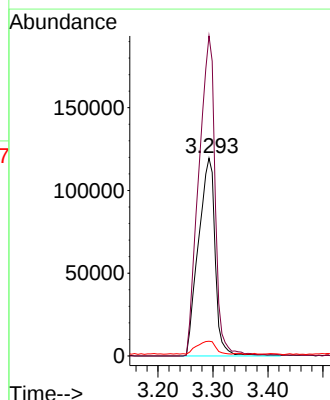
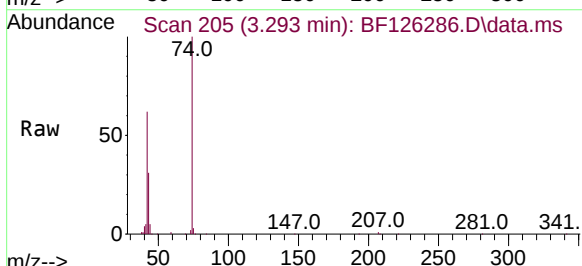
Instrument :
BNA_F
ClientSampleId :
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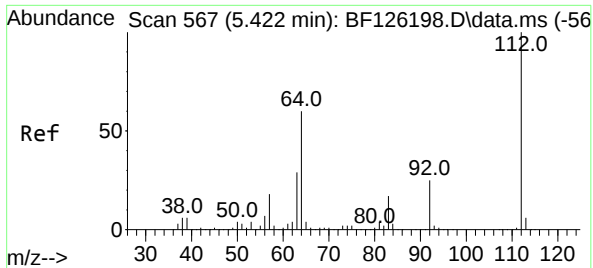
Tgt Ion: 79 Resp: 492545
Ion Ratio Lower Upper
79 100
52 73.3 70.3 105.5
51 33.2 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 52.571 ng
RT: 3.293 min Scan# 205
Delta R.T. 0.059 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion: 42 Resp: 252827
Ion Ratio Lower Upper
42 100
74 161.7 59.0 88.6#
44 7.4 0.0 0.0#

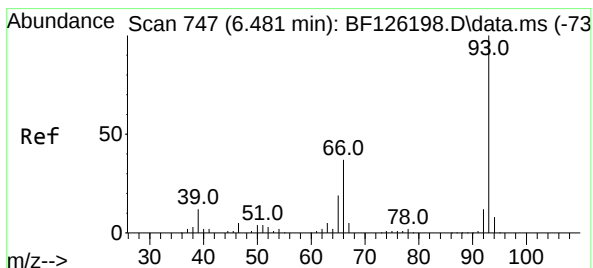
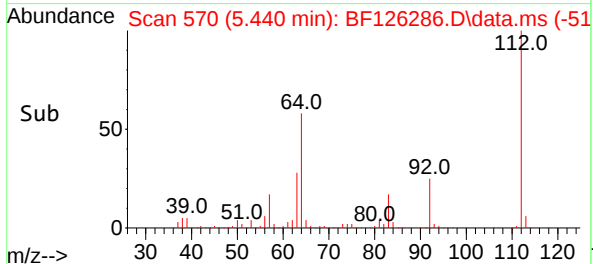
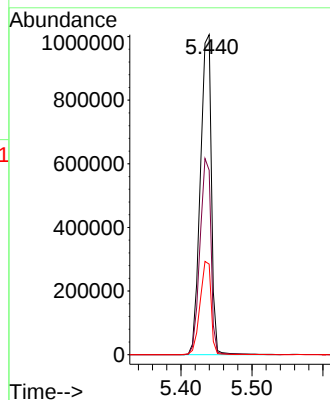
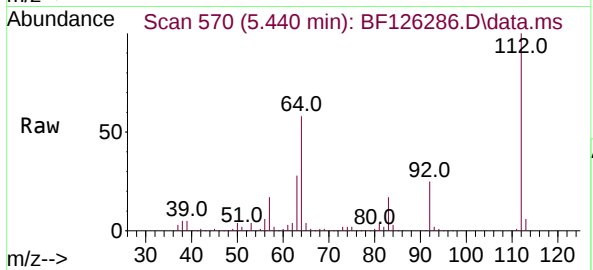




#5
2-Fluorophenol
Concen: 113.128 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

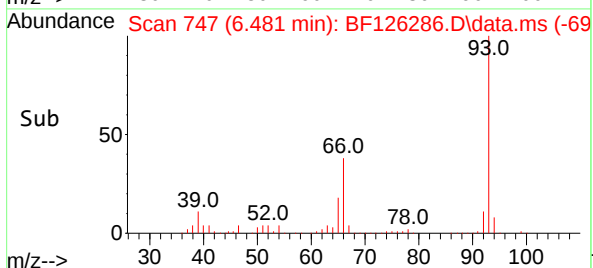
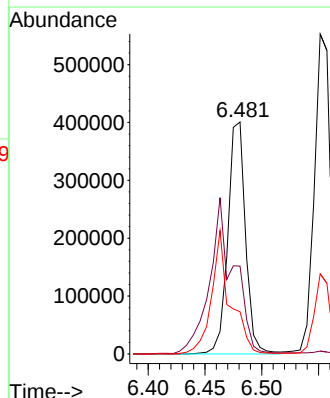
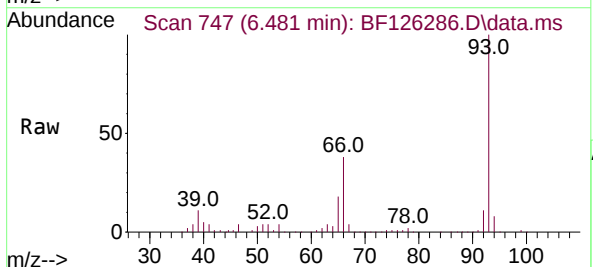
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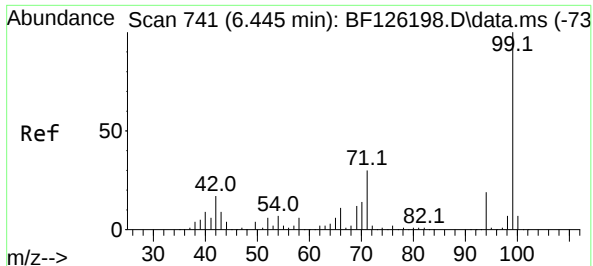
Tgt Ion:112 Resp: 1092022
Ion Ratio Lower Upper
112 100
64 57.7 44.2 66.2
63 28.3 26.2 39.2



#6
Aniline
Concen: 27.945 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion: 93 Resp: 435067
Ion Ratio Lower Upper
93 100
66 37.9 32.7 49.1
65 18.2 14.2 21.4

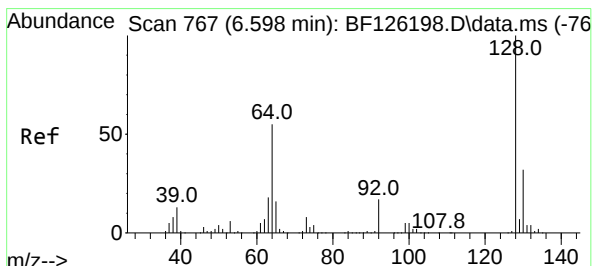
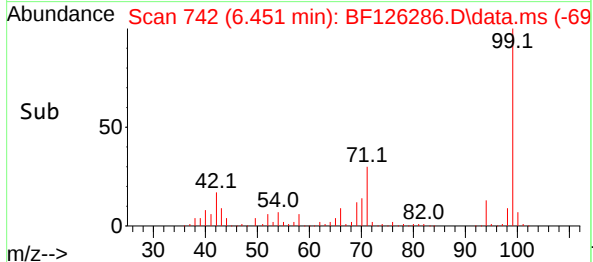
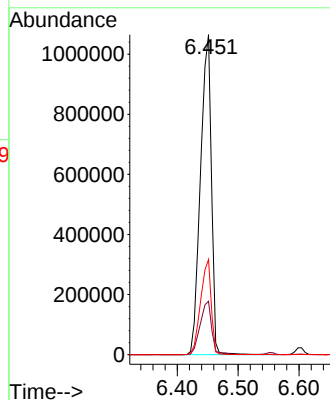
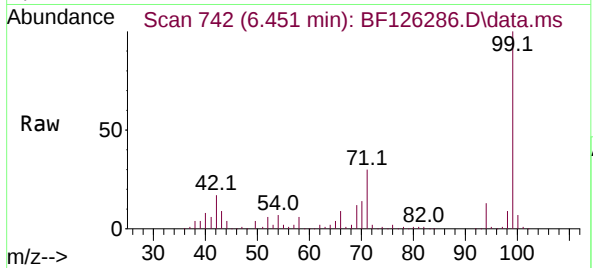




#7
Phenol-d6
Concen: 108.295 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

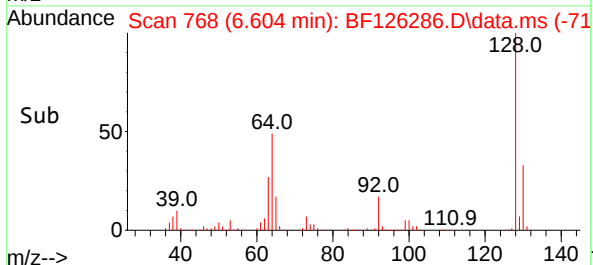
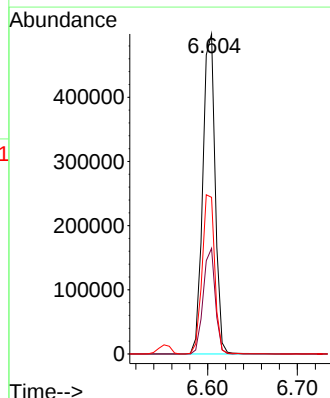
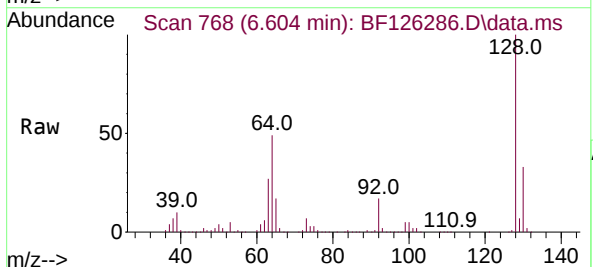
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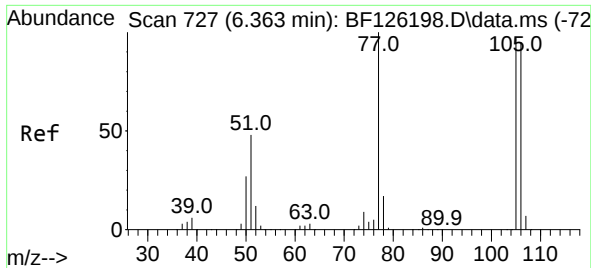
Tgt Ion: 99 Resp: 1327346
Ion Ratio Lower Upper
99 100
42 16.7 23.5 35.3#
71 29.7 25.6 38.4



#8
2-Chlorophenol
Concen: 48.852 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:128 Resp: 478202
Ion Ratio Lower Upper
128 100
130 33.0 10.5 50.5
64 49.0 20.3 60.3





#9

Benzaldehyde

Concen: 46.940 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

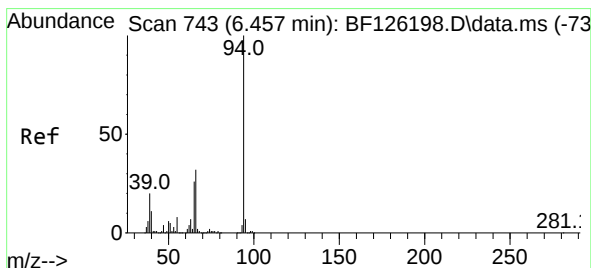
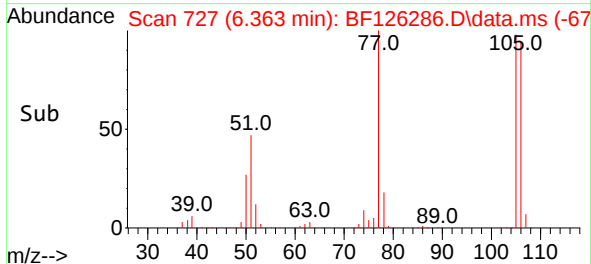
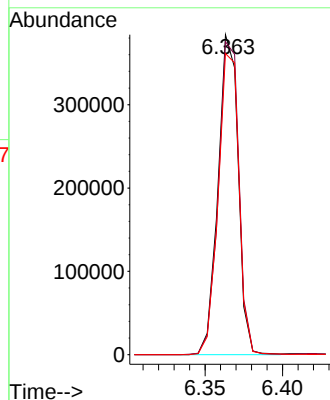
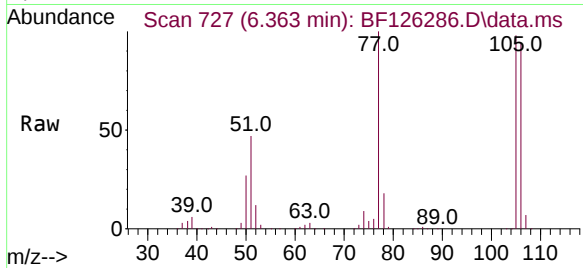
Tgt Ion: 77 Resp: 347181

Ion Ratio Lower Upper

77 100

105 97.8 75.9 115.9

106 94.1 84.0 124.0



#10

Phenol

Concen: 46.938 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

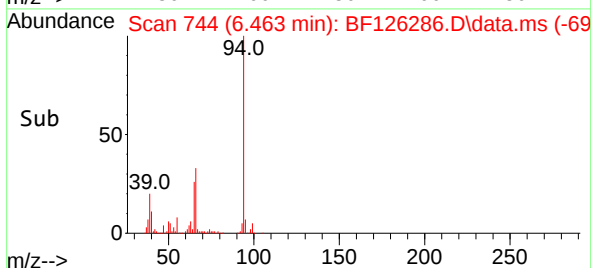
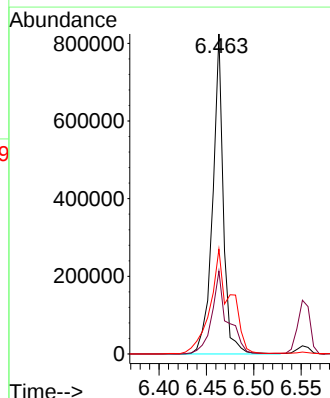
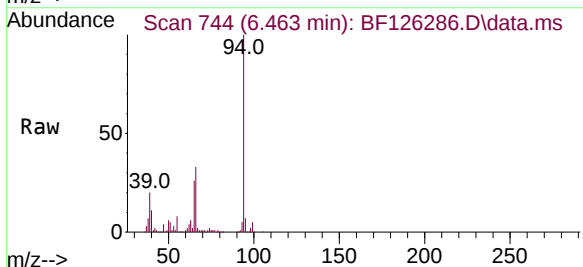
Tgt Ion: 94 Resp: 645791

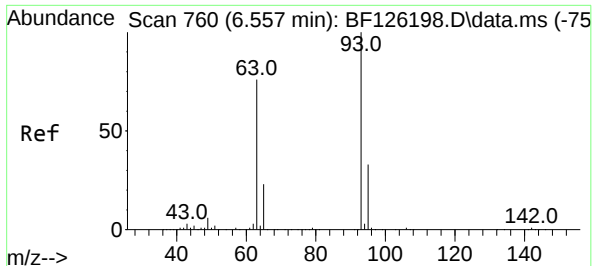
Ion Ratio Lower Upper

94 100

65 25.9 9.3 49.3

66 32.8 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 49.091 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

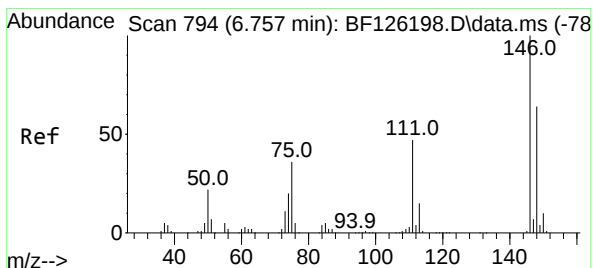
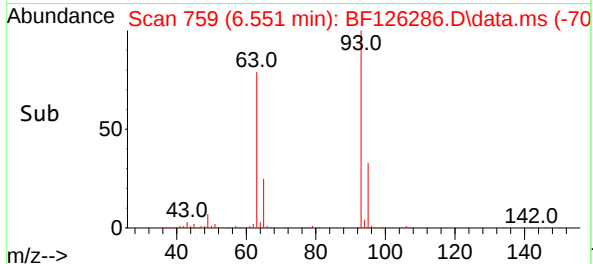
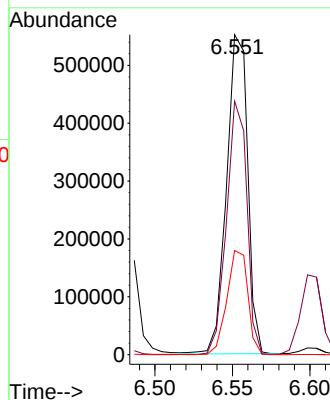
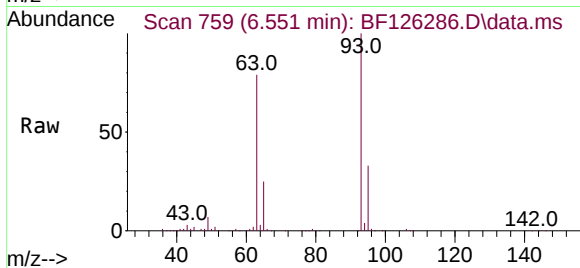
Tgt Ion: 93 Resp: 524259

Ion Ratio Lower Upper

93 100

63 79.3 54.4 94.4

95 32.5 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 47.155 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

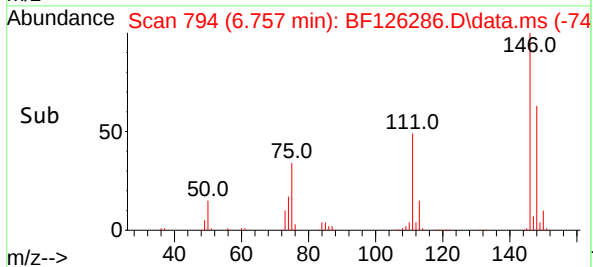
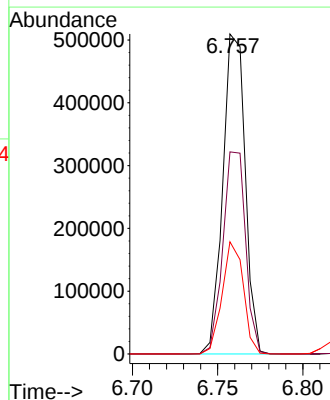
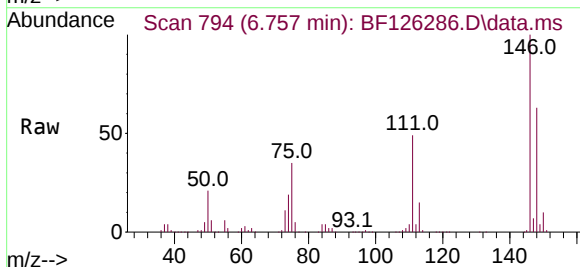
Tgt Ion:146 Resp: 465630

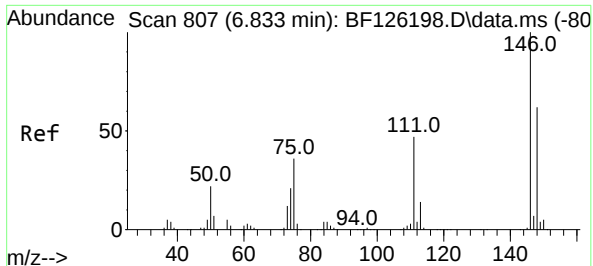
Ion Ratio Lower Upper

146 100

148 63.2 49.7 74.5

75 35.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 46.822 ng

RT: 6.840 min Scan# 807

Delta R.T. 0.006 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

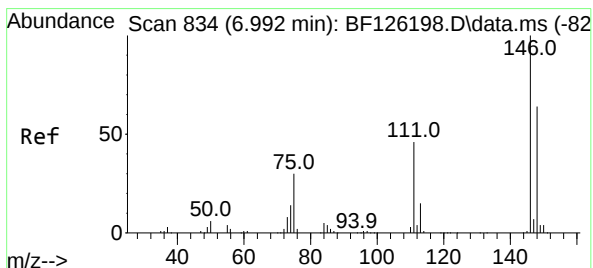
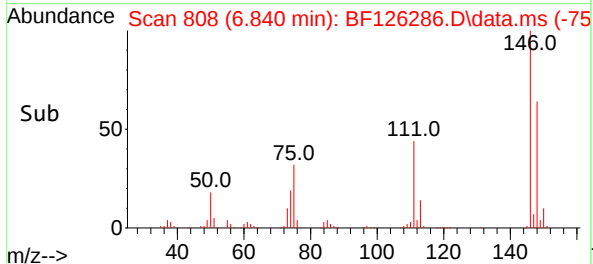
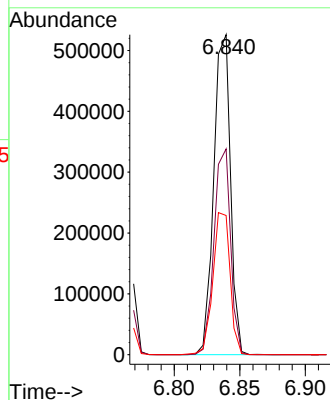
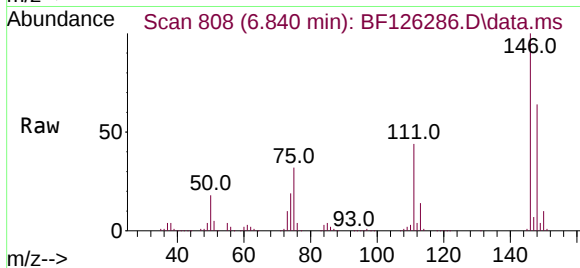
Tgt Ion:146 Resp: 466891

Ion Ratio Lower Upper

146 100

148 64.3 51.9 77.9

111 43.5 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 48.699 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

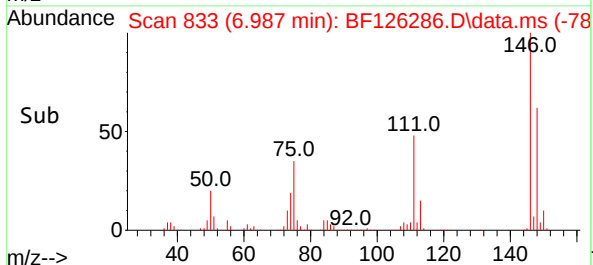
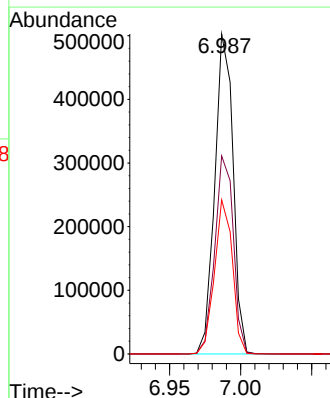
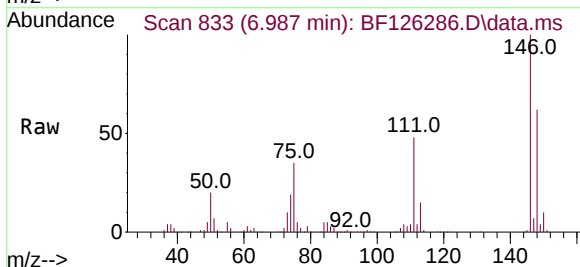
Tgt Ion:146 Resp: 448992

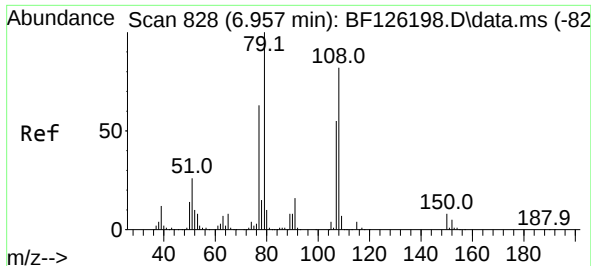
Ion Ratio Lower Upper

146 100

148 61.9 50.6 75.8

111 48.2 33.5 50.3

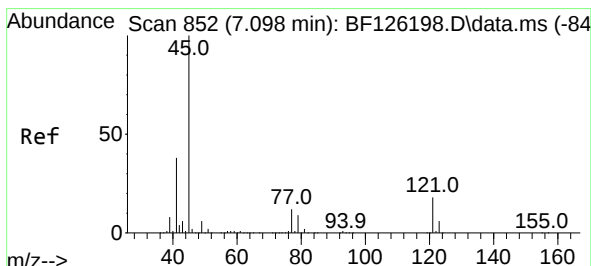
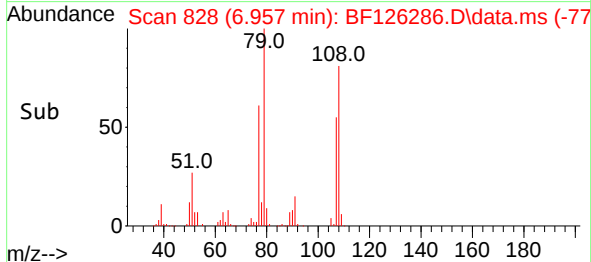
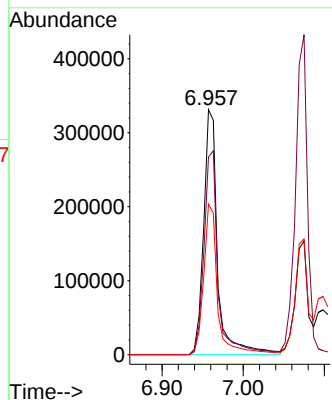
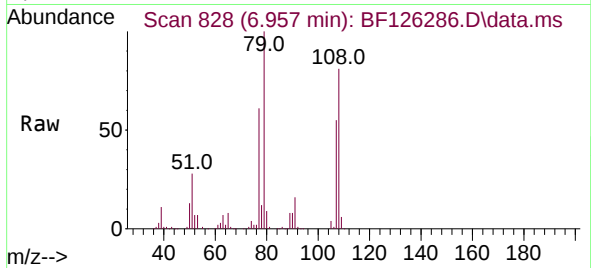




#15
Benzyl Alcohol
Concen: 44.471 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

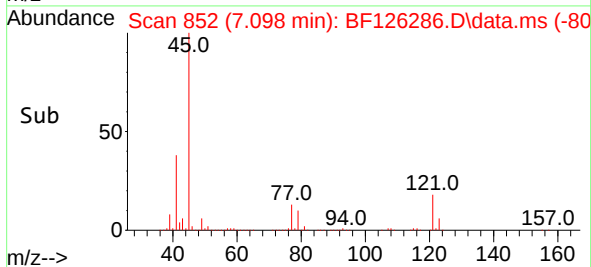
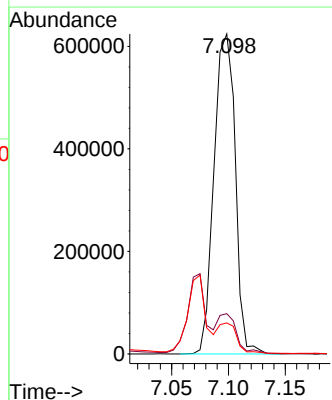
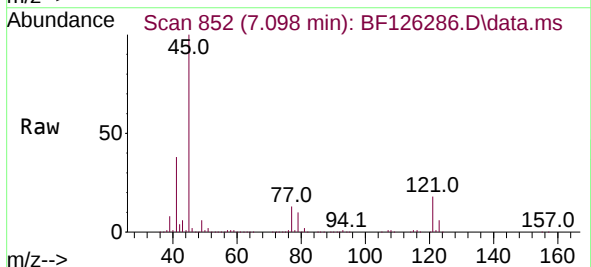
Instrument :
BNA_F
ClientSampleId :
BB4MSD

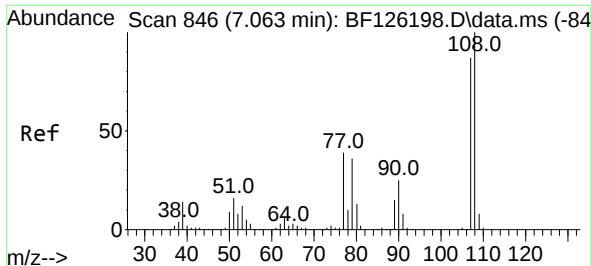
Tgt Ion: 79 Resp: 397912
Ion Ratio Lower Upper
79 100
108 80.7 60.4 90.6
77 61.4 51.5 77.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.482 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion: 45 Resp: 812345
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.6
79 9.7 0.0 27.5

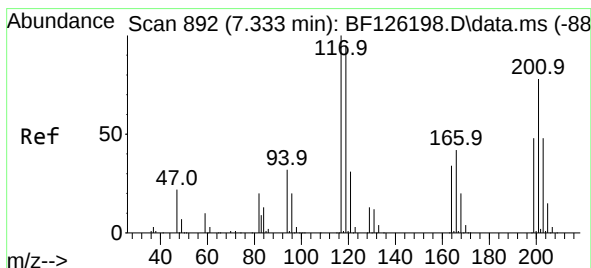
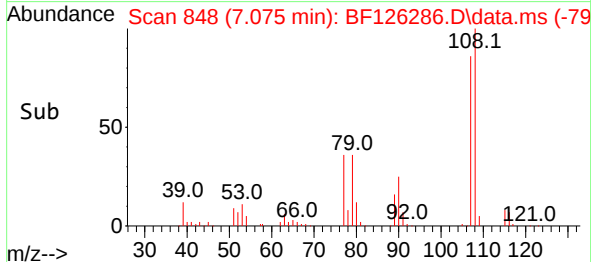
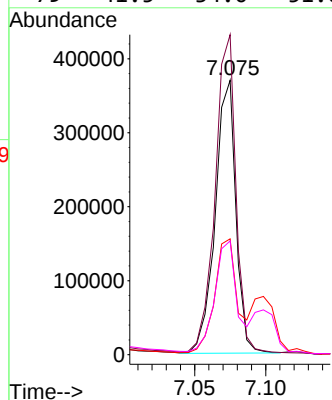
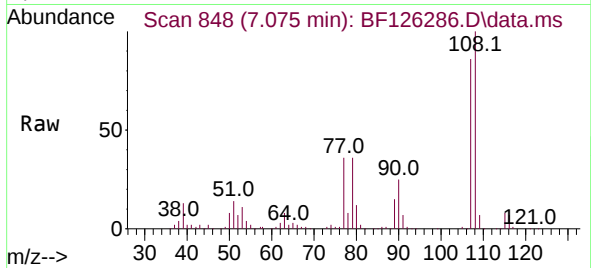




#17
2-Methylphenol
Concen: 43.467 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

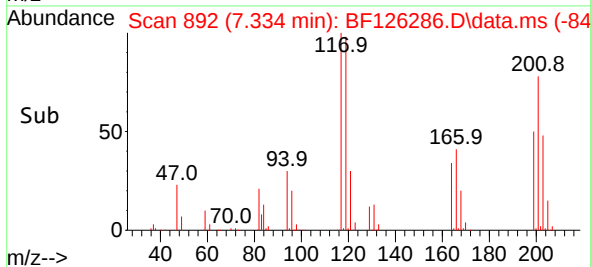
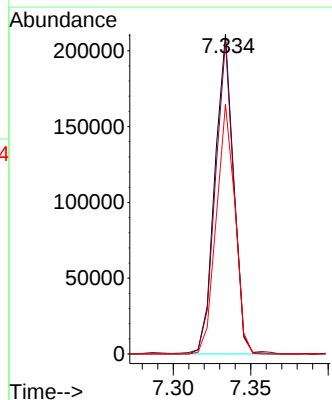
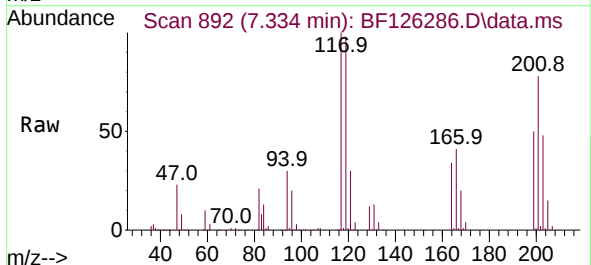
Instrument :
BNA_F
ClientSampleId :
BB4MSD

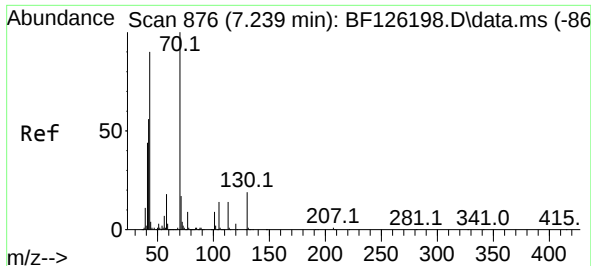
Tgt	Ion:107	Resp:	372743
Ion	Ratio	Lower	Upper
107	100		
108	116.6	90.6	135.8
77	42.2	35.7	53.5
79	41.5	34.0	51.0



#18
Hexachloroethane
Concen: 45.044 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:117	Resp:	176676	
Ion	Ratio	Lower	Upper
117	100		
119	97.7	73.4	110.2
201	78.1	64.9	97.3

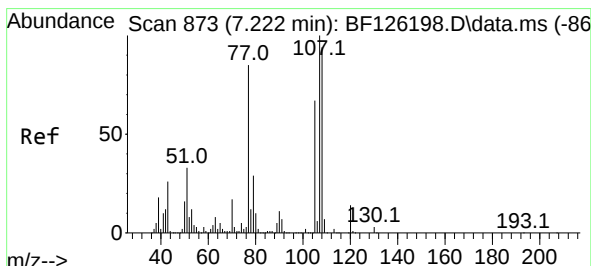
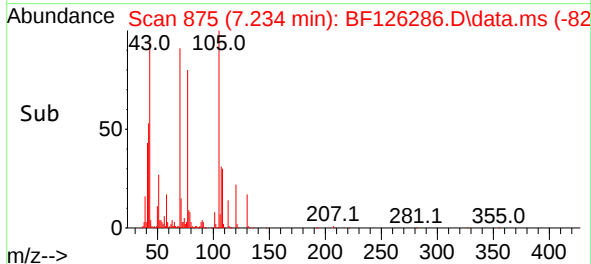
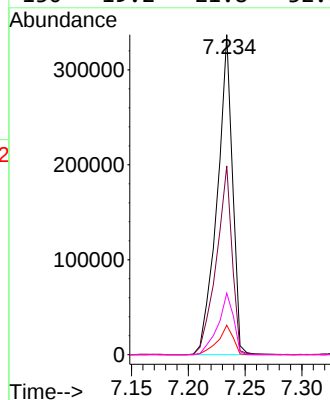
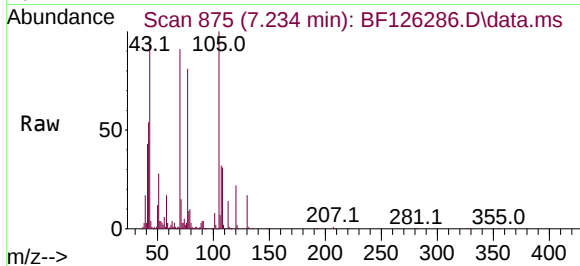




#19
n-Nitroso-di-n-propylamine
Concen: 42.196 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

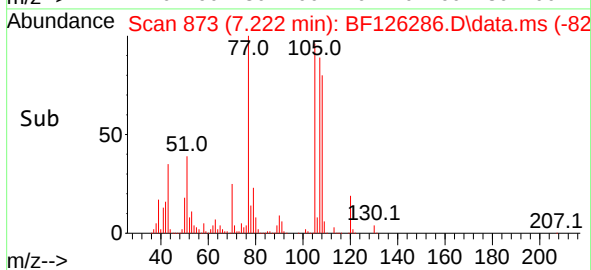
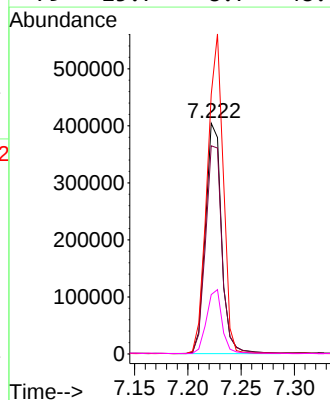
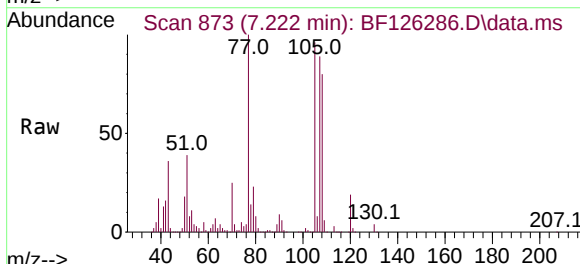
Instrument :
BNA_F
ClientSampleId :
BB4MSD

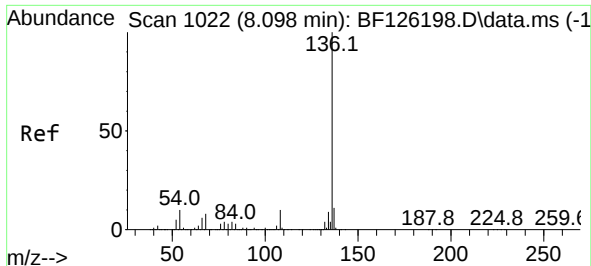
Tgt Ion: 70 Resp: 317501
Ion Ratio Lower Upper
70 100
42 59.0 72.2 108.2#
101 9.2 7.8 11.8
130 19.2 21.8 32.6#



#20
3+4-Methylphenols
Concen: 41.991 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion: 107 Resp: 425694
Ion Ratio Lower Upper
107 100
108 90.2 76.6 116.6
77 112.5 53.3 93.3#
79 25.7 8.7 48.7

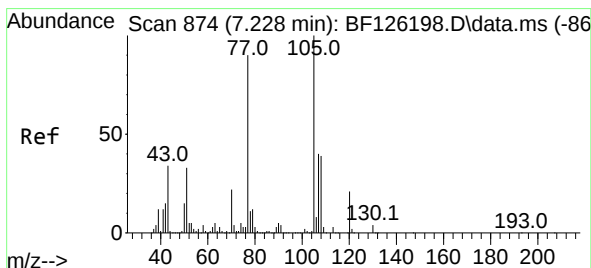
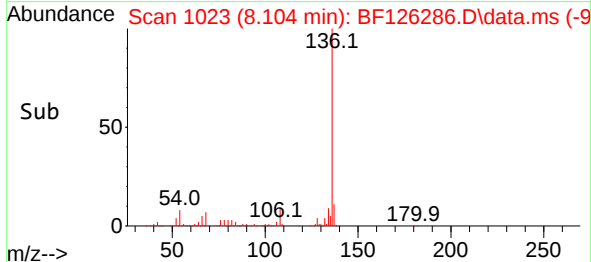
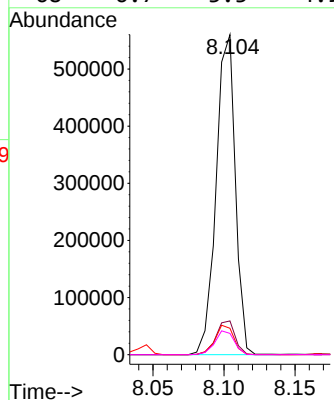
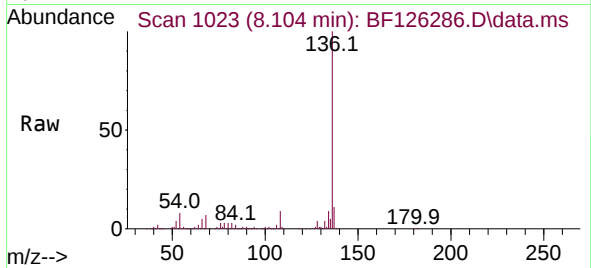




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

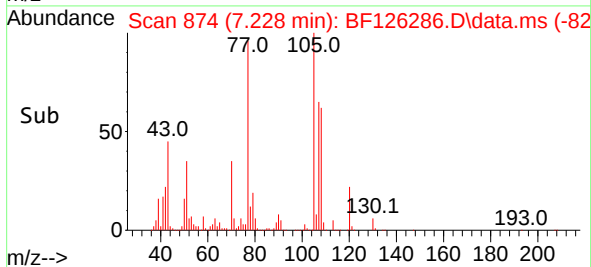
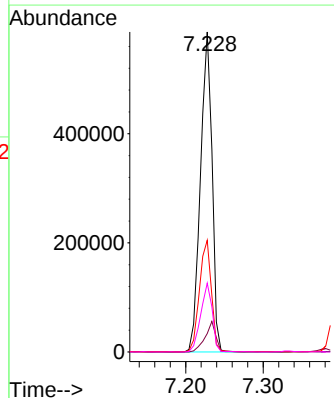
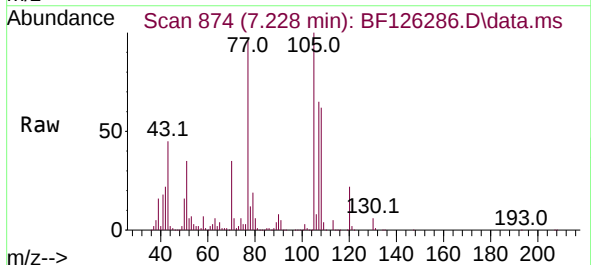
Instrument :
BNA_F
ClientSampleId :
BB4MSD

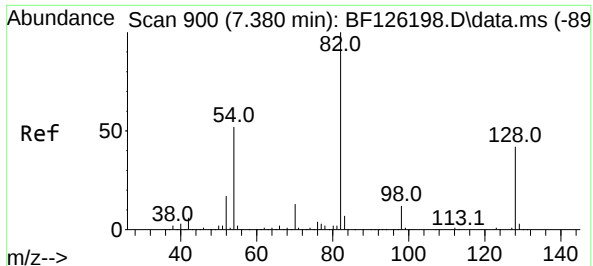
Tgt Ion:136	Resp: 526724
Ion Ratio	Lower Upper
136 100	
137 10.5	9.8 14.6
54 8.2	6.4 9.6
68 6.7	3.3 4.9#



#22
Acetophenone
Concen: 50.250 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt	Ion:105	Resp:	609140
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.5	8.3
51	34.9	26.0	39.0
120	21.5	18.5	27.7





#23

Nitrobenzene-d5

Concen: 83.876 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

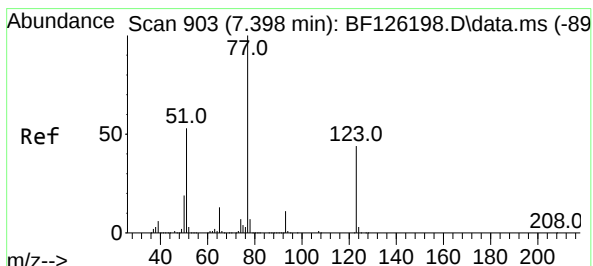
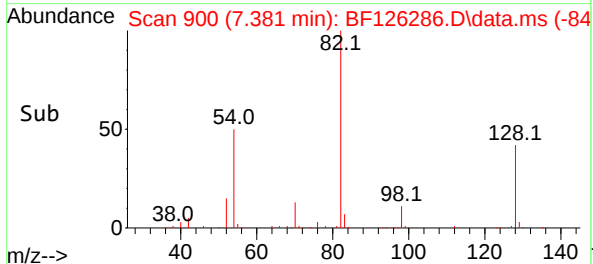
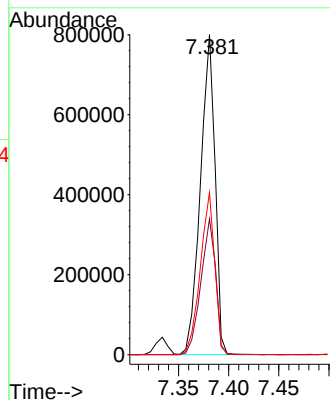
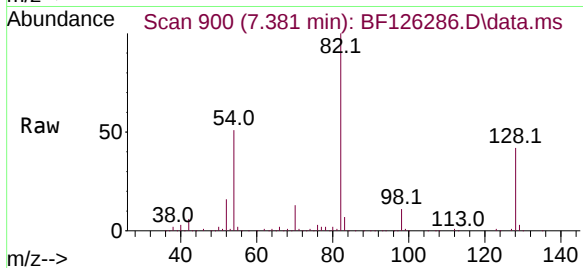
Tgt Ion: 82 Resp: 815737

Ion Ratio Lower Upper

82 100

128 42.5 40.6 60.8

54 50.7 49.6 74.4



#24

Nitrobenzene

Concen: 50.631 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

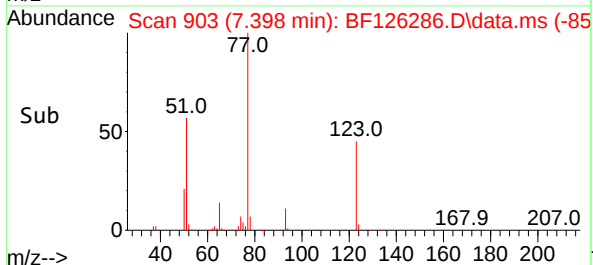
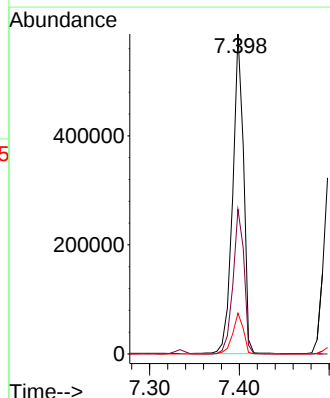
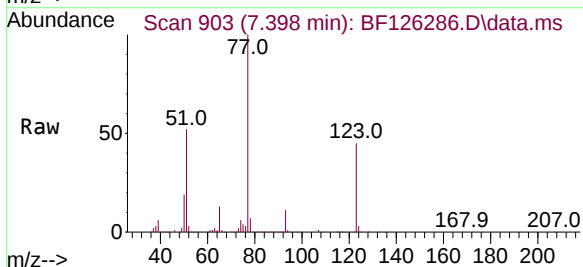
Tgt Ion: 77 Resp: 491561

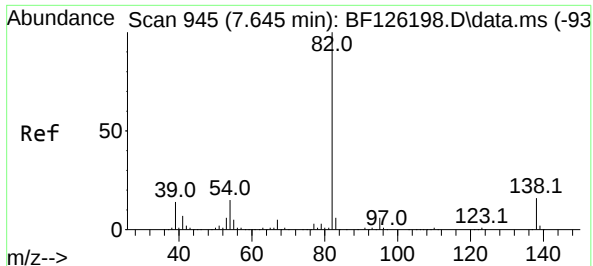
Ion Ratio Lower Upper

77 100

123 45.2 42.3 63.5

65 12.7 12.4 18.6

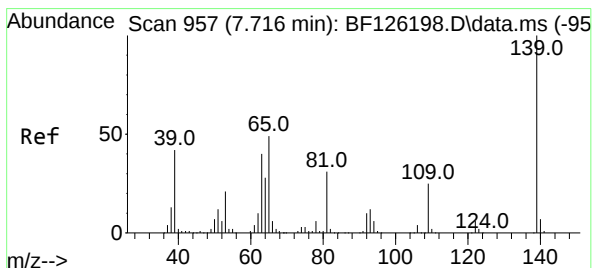
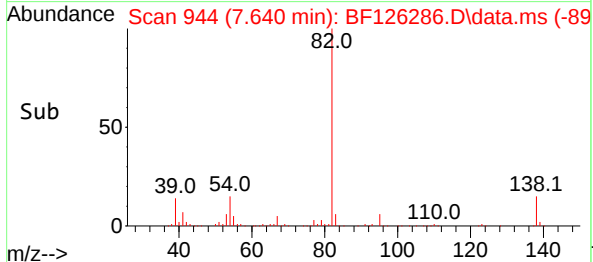
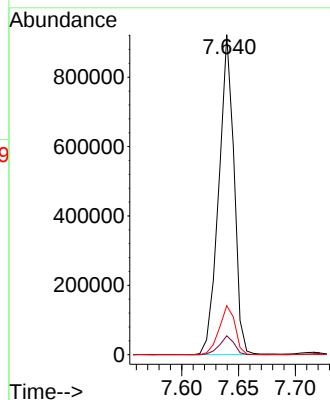
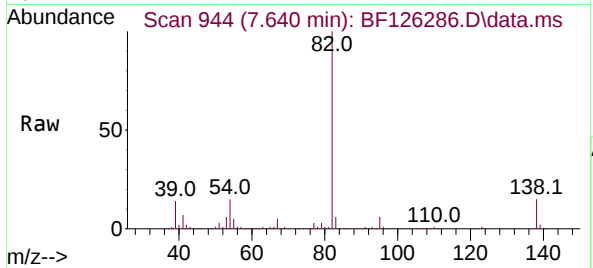




#25
Isophorone
Concen: 46.962 ng
RT: 7.640 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

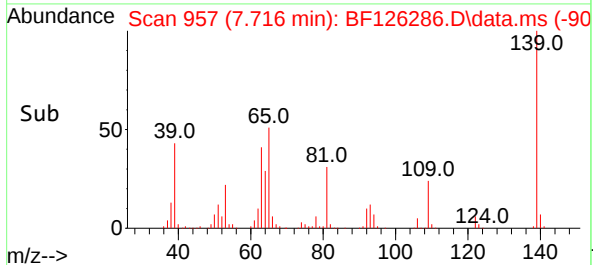
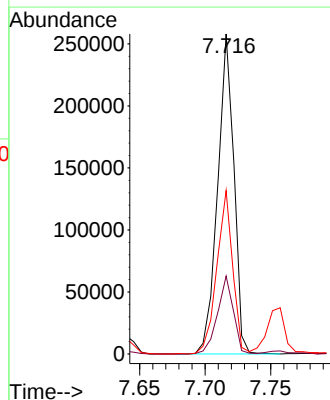
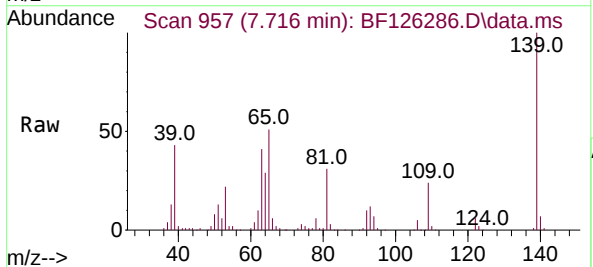
Instrument :
BNA_F
ClientSampleId :
BB4MSD

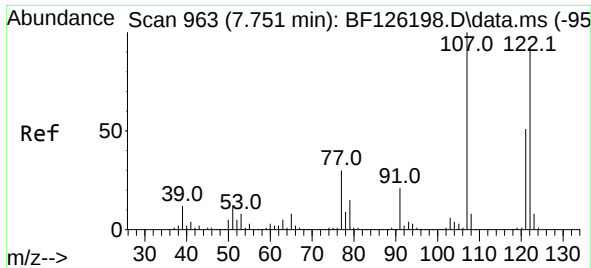
Tgt Ion: 82 Resp: 862489
Ion Ratio Lower Upper
82 100
95 5.9 6.5 9.7#
138 15.3 18.4 27.6#



#26
2-Nitrophenol
Concen: 50.716 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:139 Resp: 221966
Ion Ratio Lower Upper
139 100
109 24.4 26.0 39.0#
65 51.1 31.0 46.4#

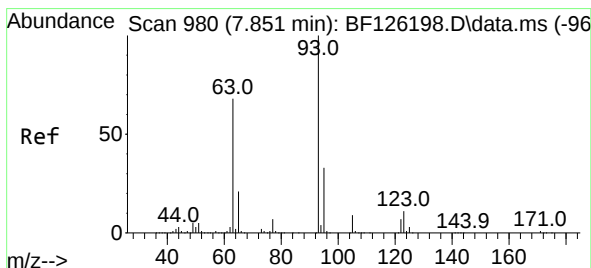
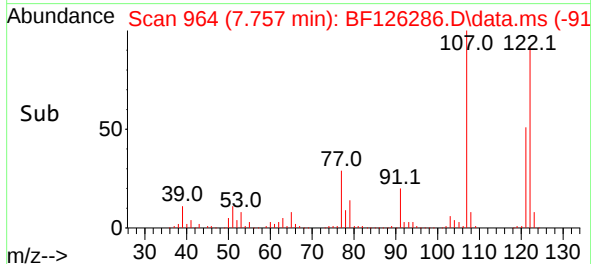
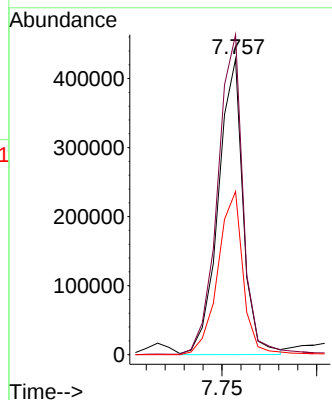
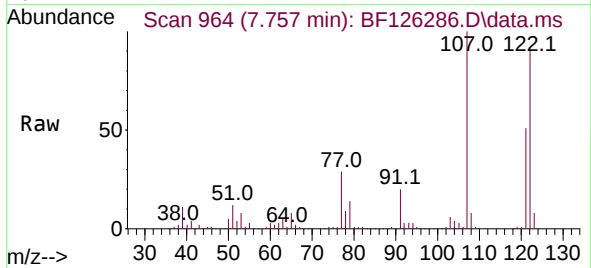




#27
2,4-Dimethylphenol
Concen: 52.345 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

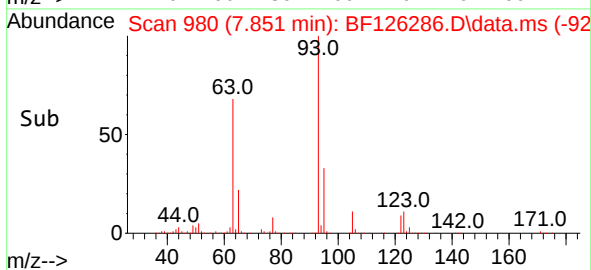
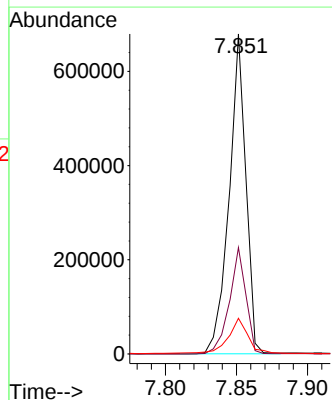
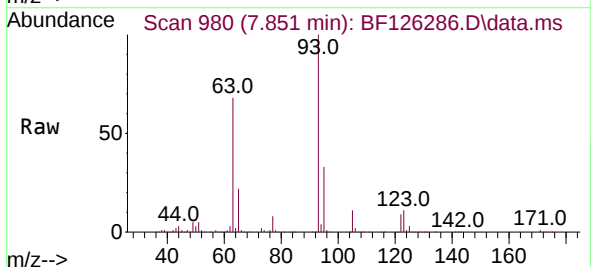
Instrument :
BNA_F
ClientSampleId :
BB4MSD

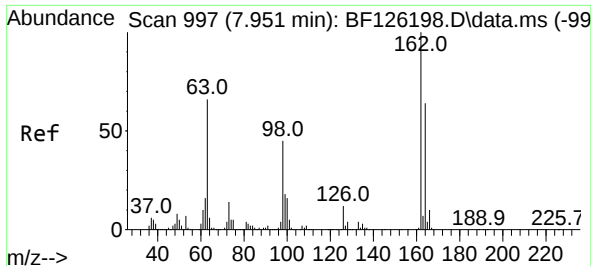
Tgt Ion:122 Resp: 389064
Ion Ratio Lower Upper
122 100
107 108.3 85.0 127.6
121 55.2 43.3 64.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.139 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion: 93 Resp: 557122
Ion Ratio Lower Upper
93 100
95 33.3 26.1 39.1
123 11.1 11.7 17.5#

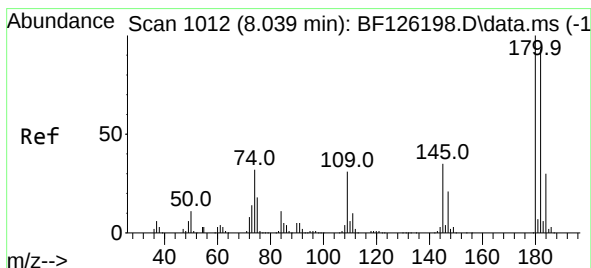
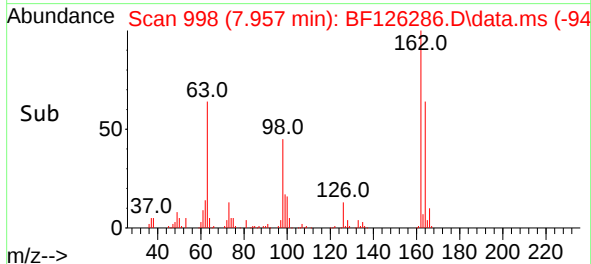
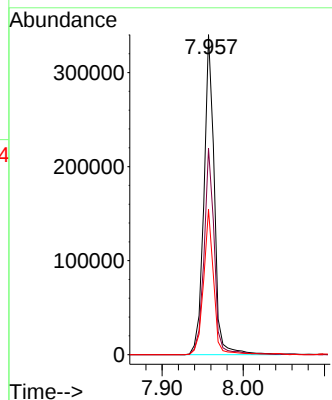
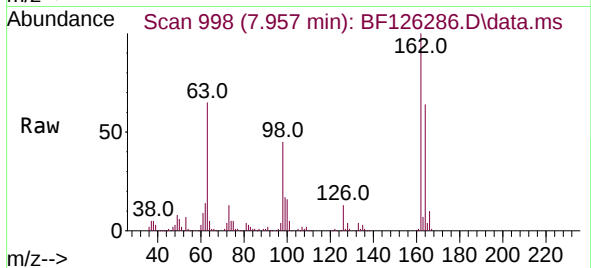




#29
2,4-Dichlorophenol
Concen: 45.722 ng
RT: 7.957 min Scan# 99
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

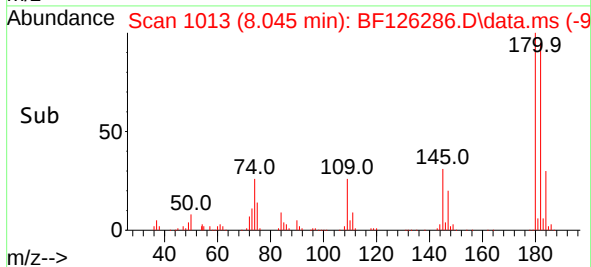
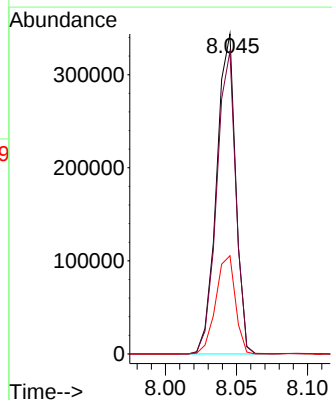
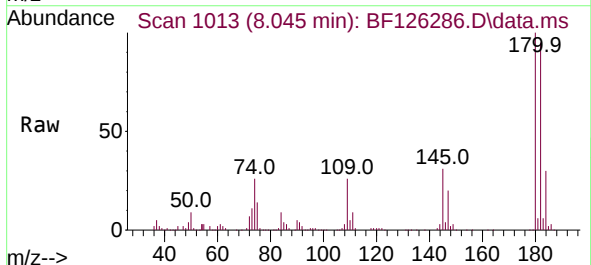
Instrument :
BNA_F
ClientSampleId :
BB4MSD

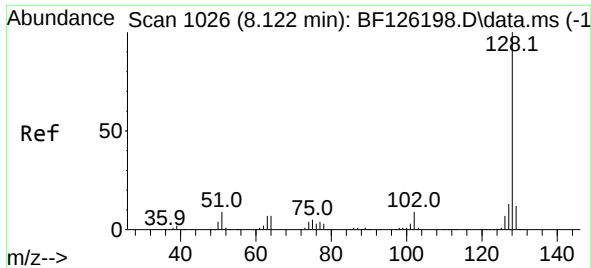
Tgt Ion:162 Resp: 302081
Ion Ratio Lower Upper
162 100
164 64.4 44.5 84.5
98 45.4 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 47.062 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:180 Resp: 321617
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 30.7 26.7 40.1

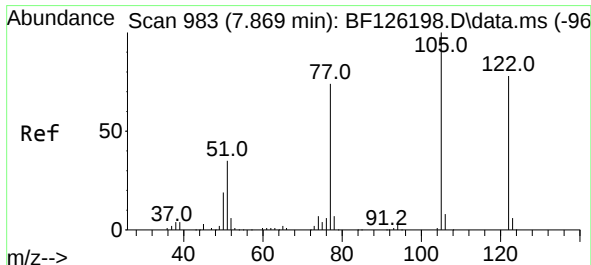
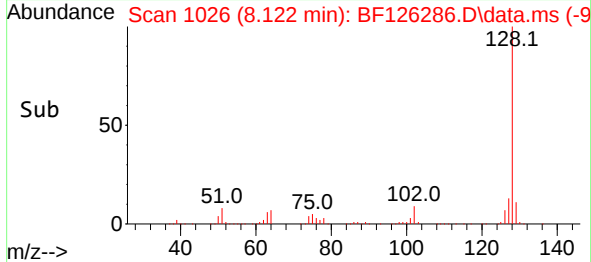
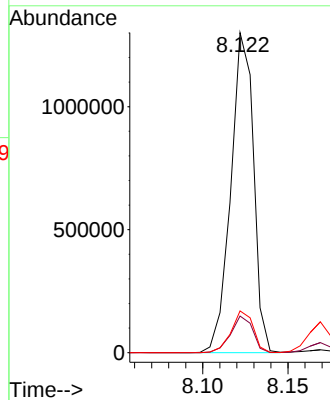
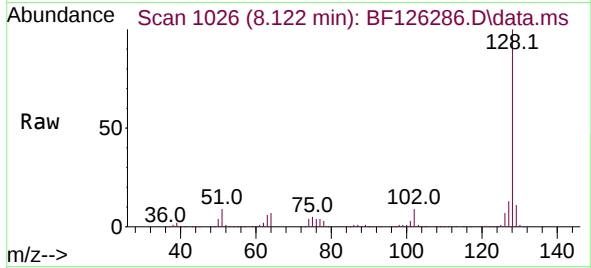




#31
Naphthalene
Concen: 49.009 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

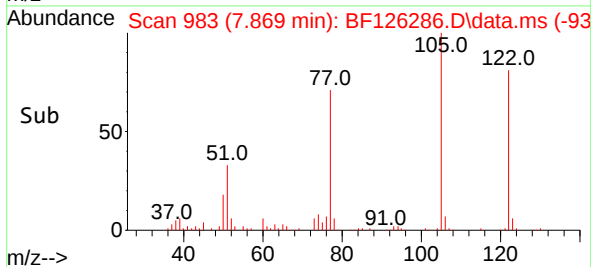
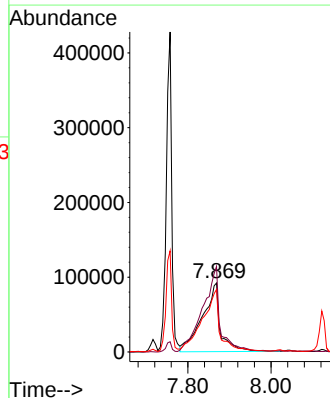
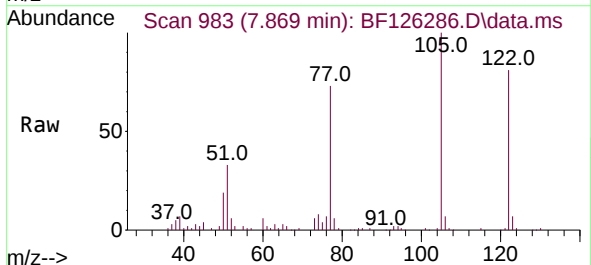
Instrument :
BNA_F
ClientSampleId :
BB4MSD

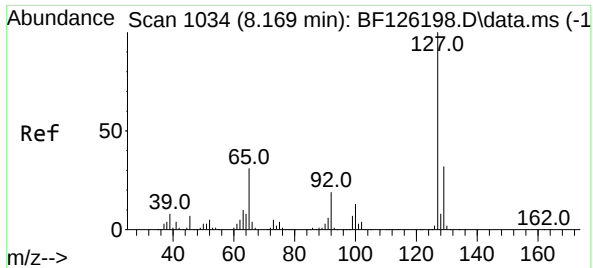
Tgt Ion:128 Resp: 1207203
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 43.301 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:122 Resp: 277268
Ion Ratio Lower Upper
122 100
105 124.0 97.6 137.6
77 90.6 59.6 99.6

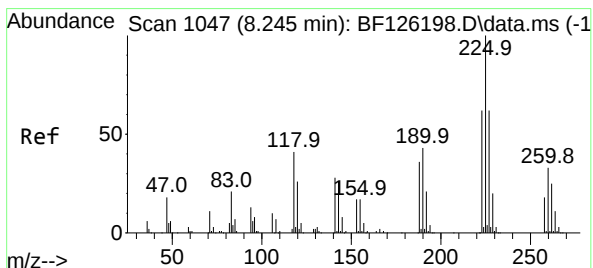
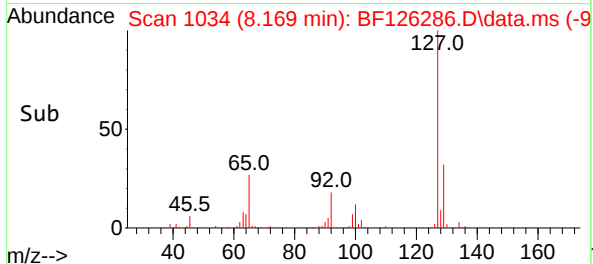
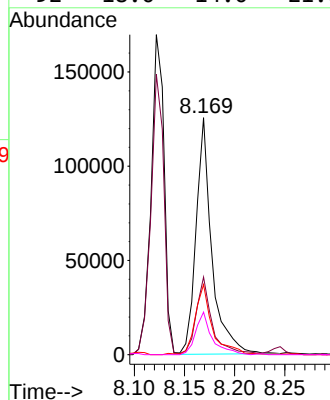
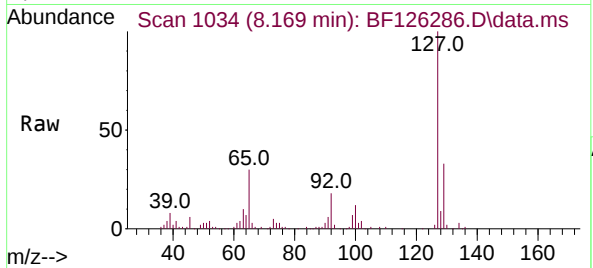




#33
4-Chloroaniline
Concen: 13.370 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

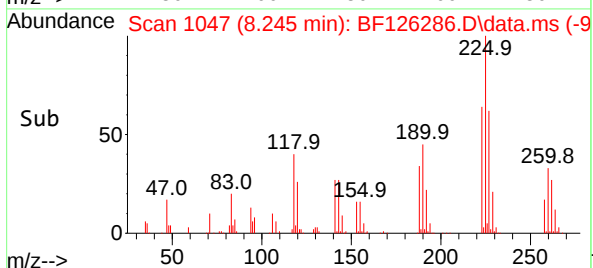
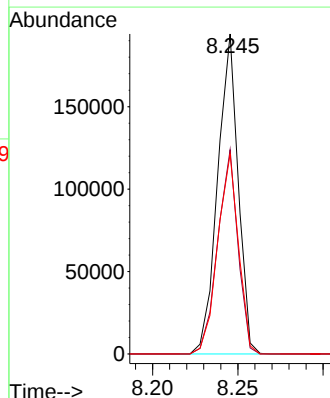
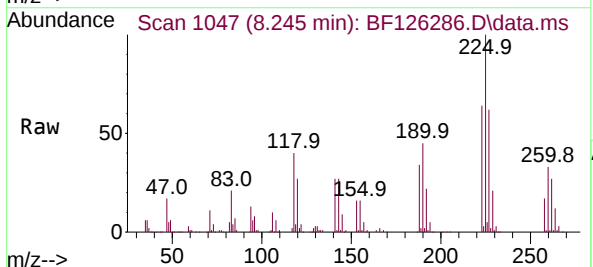
Instrument :
BNA_F
ClientSampleId :
BB4MSD

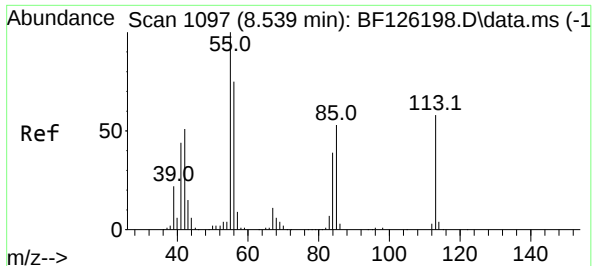
Tgt Ion:	127	Resp:	137509
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	29.6	21.2	31.8
92	18.0	14.0	21.0



#34
Hexachlorobutadiene
Concen: 48.418 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:	225	Resp:	162507
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	62.5	50.6	75.8

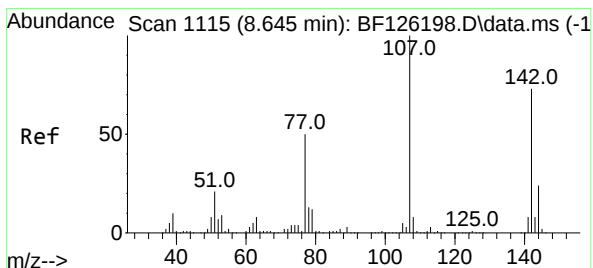
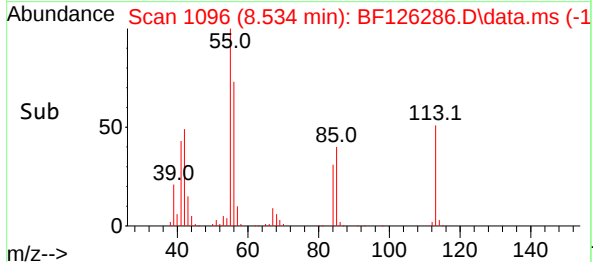
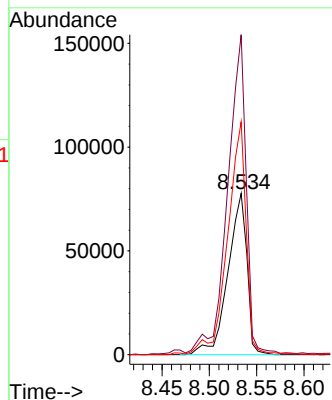
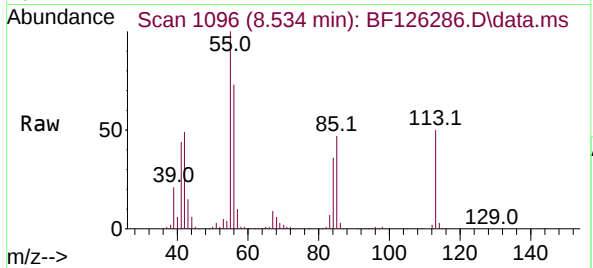




#35
 Caprolactam
 Concen: 65.603 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

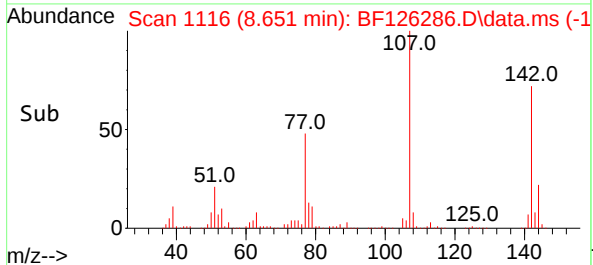
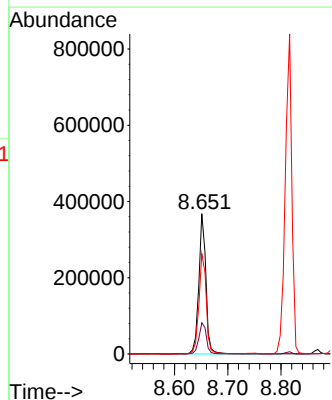
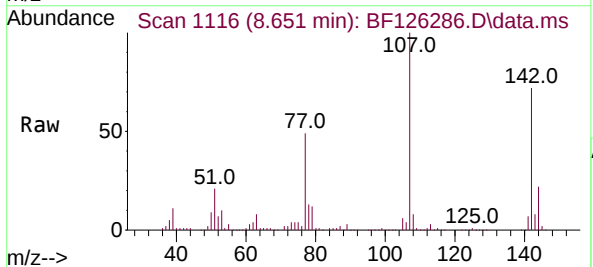
Instrument :
 BNA_F
 ClientSampleId :
 BB4MSD

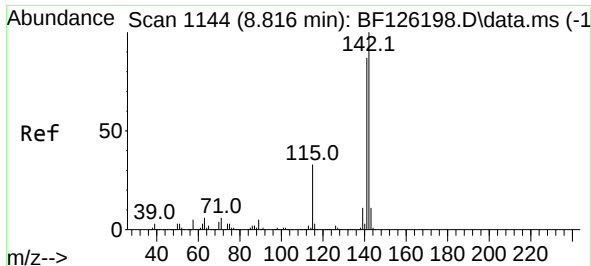
Tgt Ion:113 Resp: 107718
 Ion Ratio Lower Upper
 113 100
 55 198.5 154.1 194.1#
 56 144.4 108.7 148.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.592 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Tgt Ion:107 Resp: 339731
 Ion Ratio Lower Upper
 107 100
 144 22.2 21.9 32.9
 142 71.6 67.1 100.7

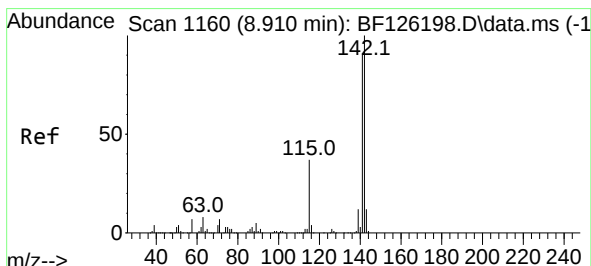
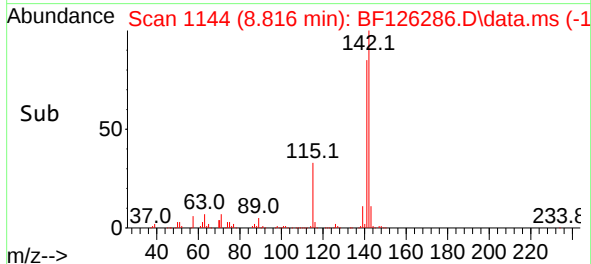
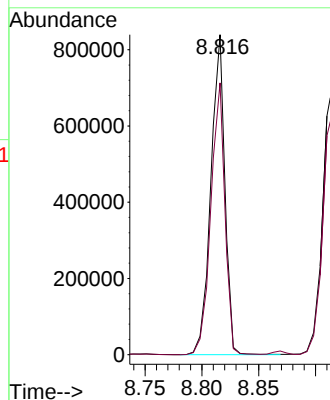
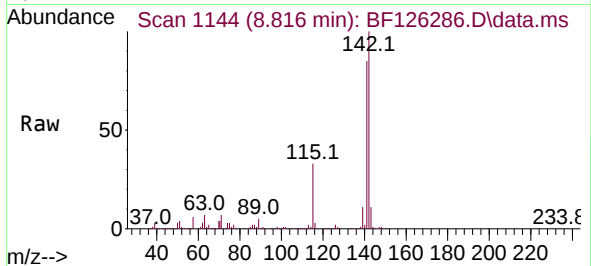




#37
2-Methylnaphthalene
Concen: 47.338 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

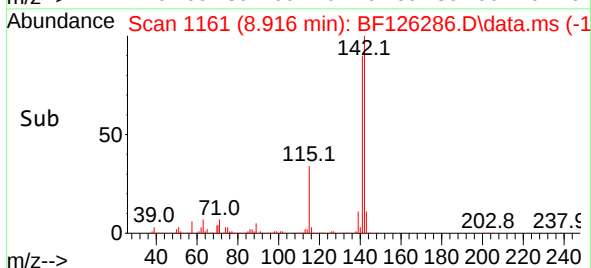
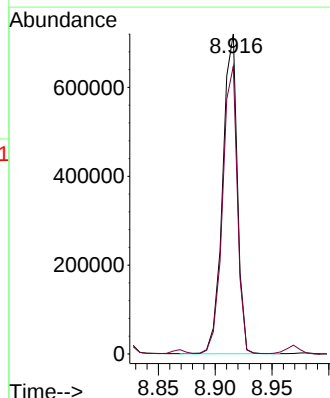
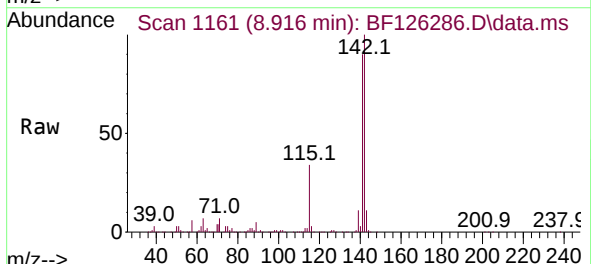
Instrument :
BNA_F
ClientSampleId :
BB4MSD

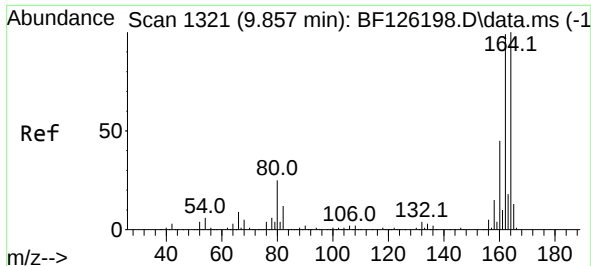
Tgt Ion:142 Resp: 718096
Ion Ratio Lower Upper
142 100
141 84.9 71.2 106.8



#38
1-Methylnaphthalene
Concen: 44.164 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:142 Resp: 650167
Ion Ratio Lower Upper
142 100
141 90.0 76.0 114.0

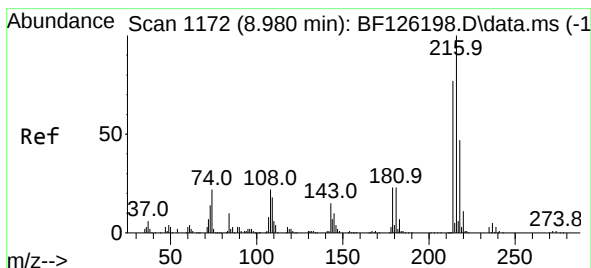
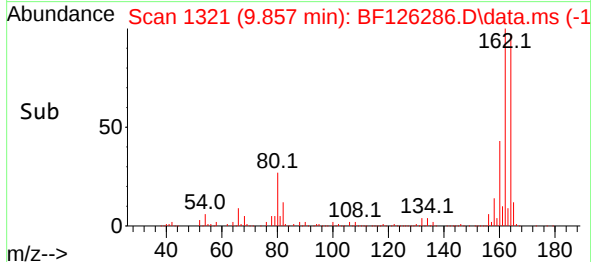
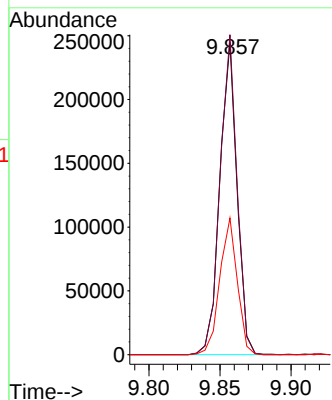
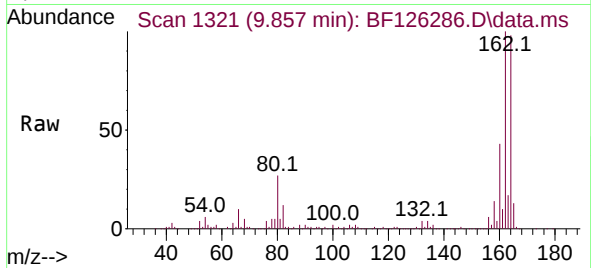




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

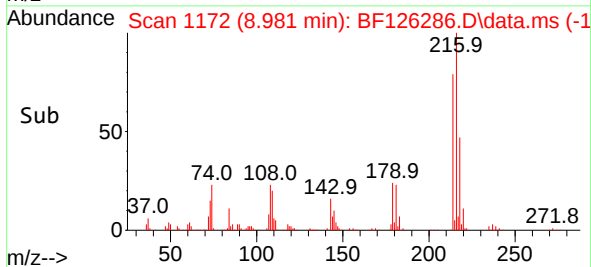
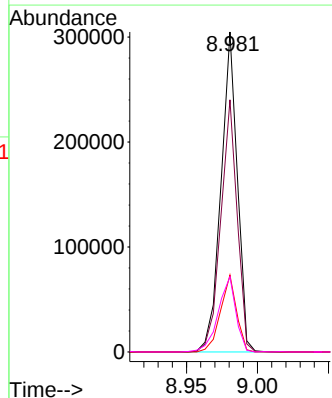
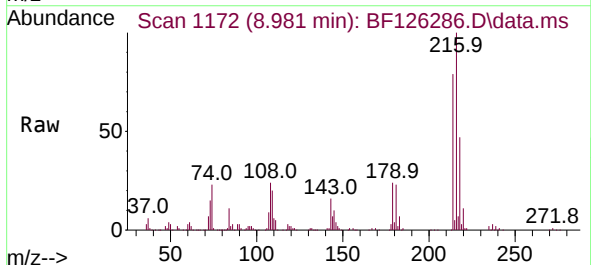
Instrument :
BNA_F
ClientSampleId :
BB4MSD

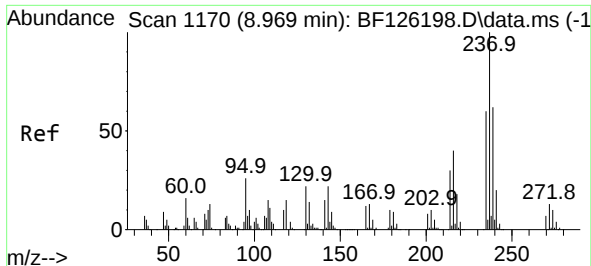
Tgt Ion:164 Resp: 206181
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 43.8 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.688 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:216 Resp: 243362
Ion Ratio Lower Upper
216 100
214 78.9 64.9 97.3
179 23.7 17.4 26.2
108 25.6 16.5 24.7#

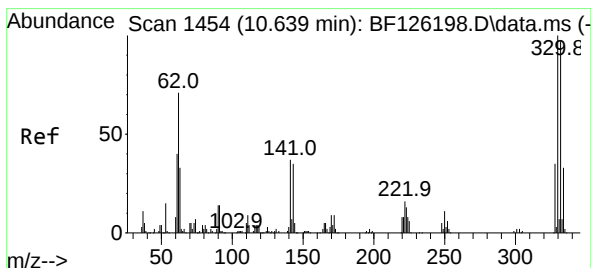
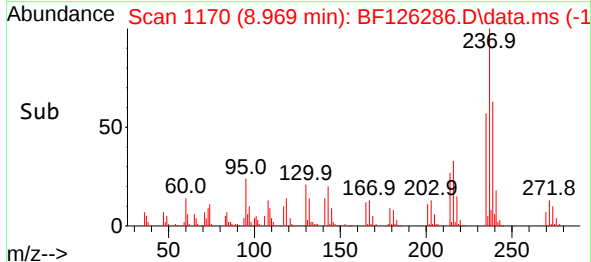
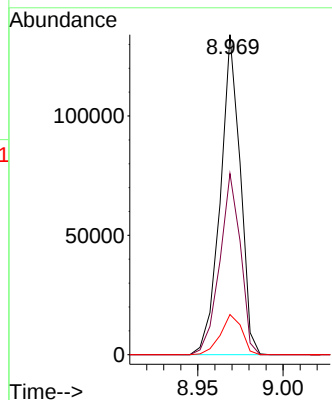
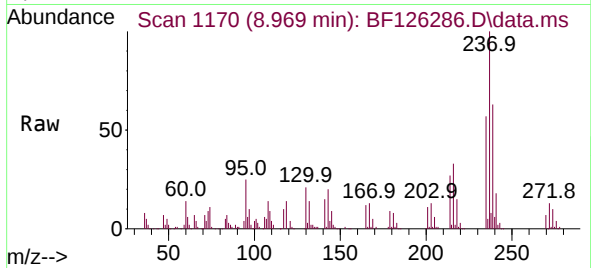




#41
Hexachlorocyclopentadiene
Concen: 42.673 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

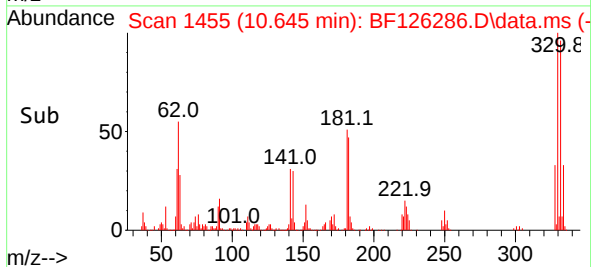
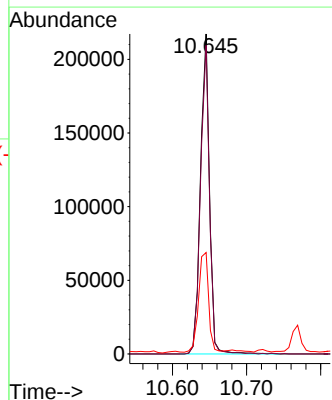
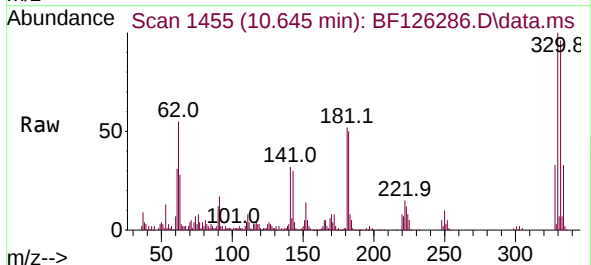
Instrument :
BNA_F
ClientSampleId :
BB4MSD

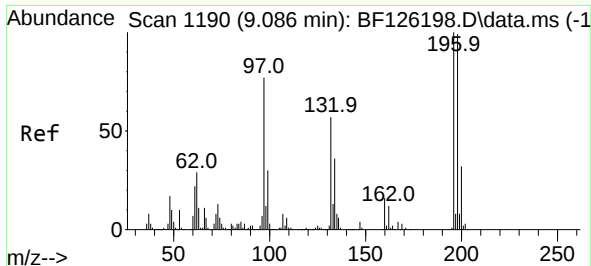
Tgt Ion:237 Resp: 108740
Ion Ratio Lower Upper
237 100
235 56.6 44.7 84.7
272 12.6 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 110.275 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:330 Resp: 182722
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 34.8 44.6 66.8#

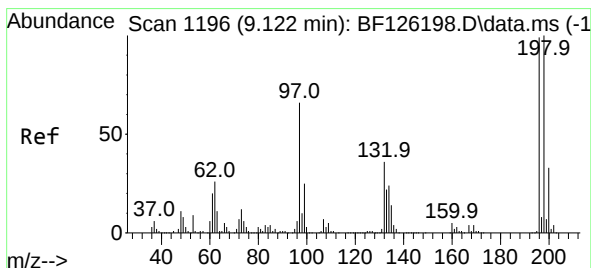
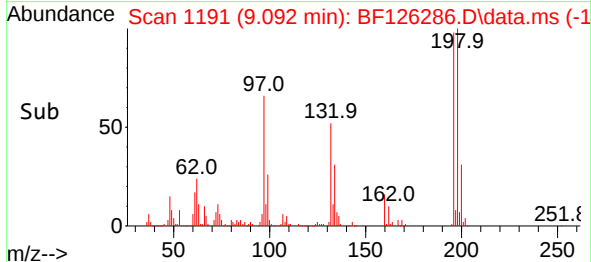
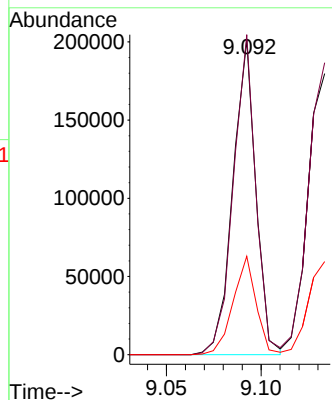
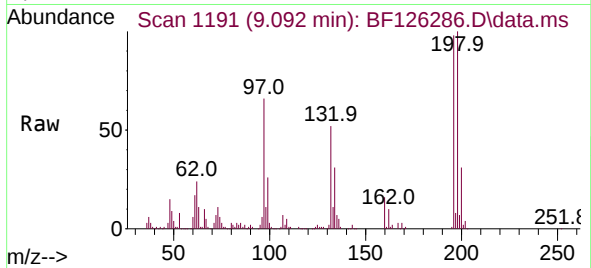




#43
2,4,6-Trichlorophenol
Concen: 48.454 ng
RT: 9.092 min Scan# 1190
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

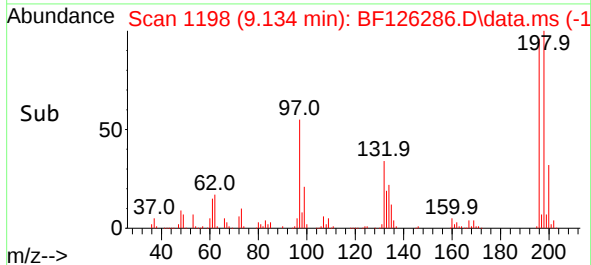
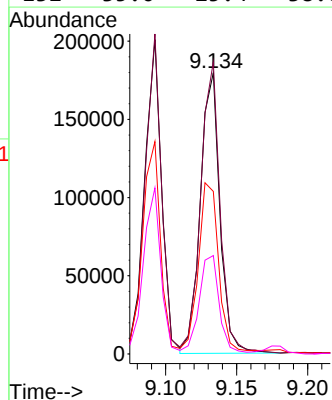
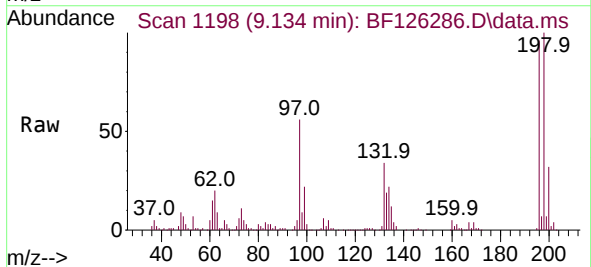
Instrument :
BNA_F
ClientSampleId :
BB4MSD

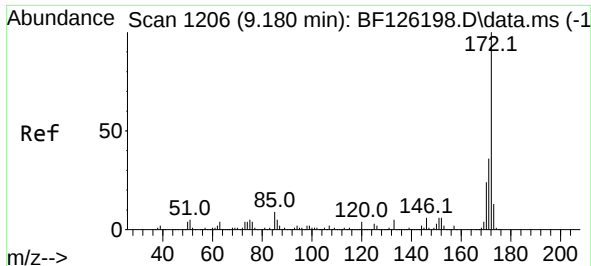
Tgt Ion:196 Resp: 169615
Ion Ratio Lower Upper
196 100
198 101.8 74.9 112.3
200 31.3 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 47.516 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.012 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:196 Resp: 172248
Ion Ratio Lower Upper
196 100
198 103.9 80.2 120.2
97 57.8 44.0 66.0
132 35.0 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 80.761 ng

RT: 9.181 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

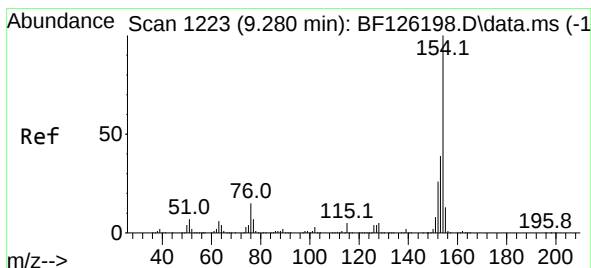
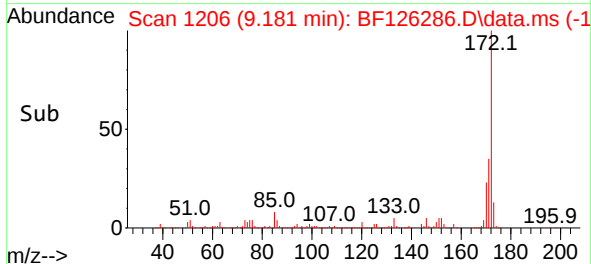
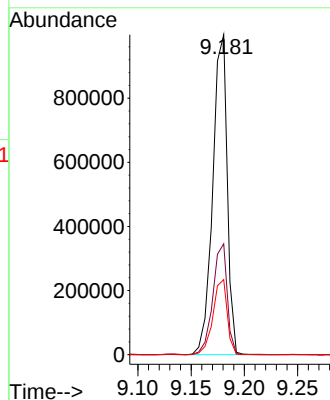
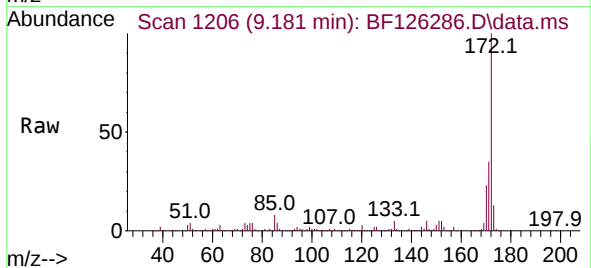
Tgt Ion:172 Resp: 949397

Ion Ratio Lower Upper

172 100

171 34.7 26.5 39.7

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 53.341 ng

RT: 9.281 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

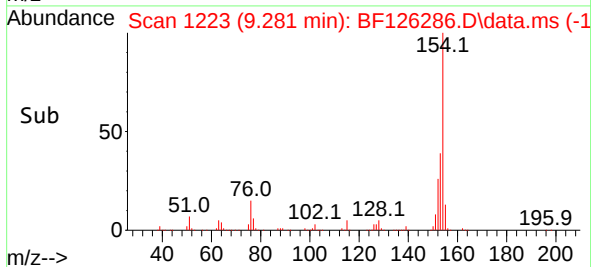
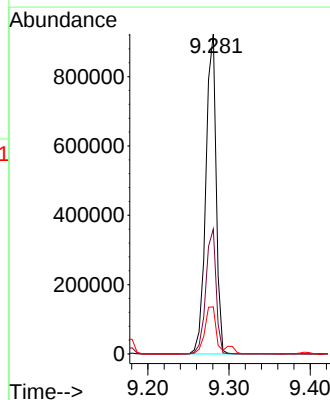
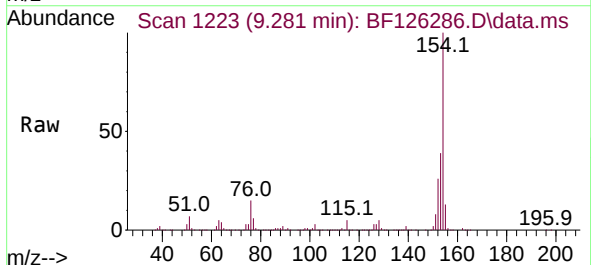
Tgt Ion:154 Resp: 813195

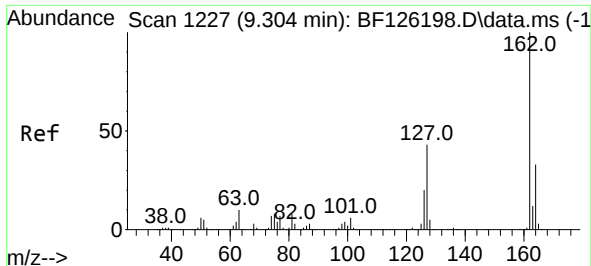
Ion Ratio Lower Upper

154 100

153 39.1 20.0 60.0

76 14.7 0.0 30.3





#47

2-Chloronaphthalene

Concen: 49.518 ng

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

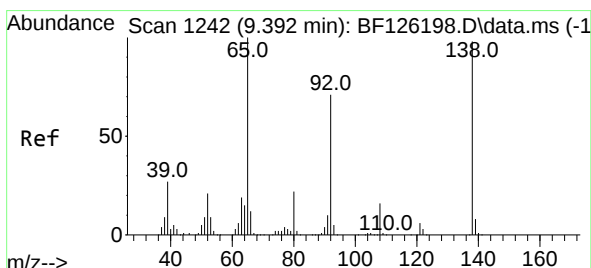
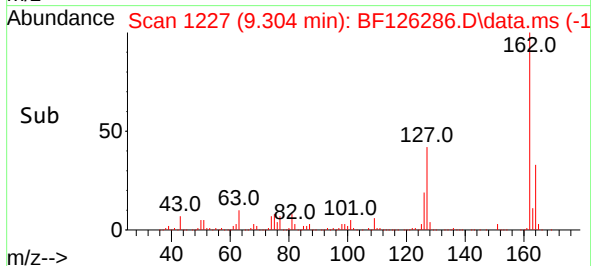
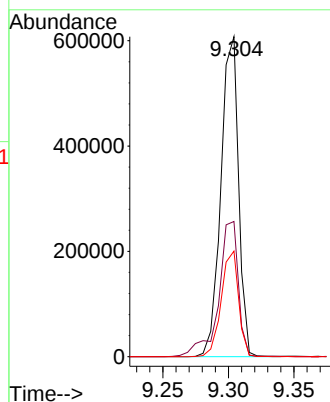
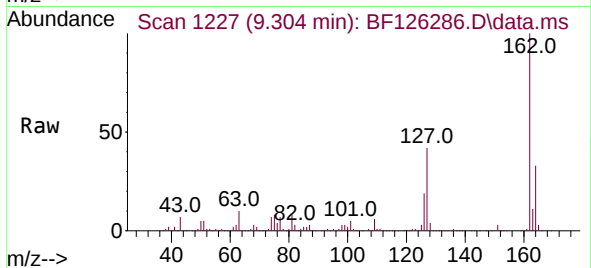
Tgt Ion:162 Resp: 567986

Ion Ratio Lower Upper

162 100

127 42.2 33.0 49.4

164 33.0 25.8 38.8



#48

2-Nitroaniline

Concen: 50.331 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

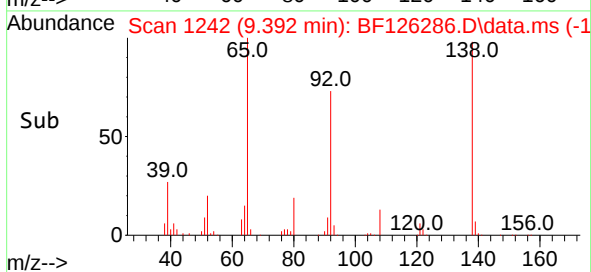
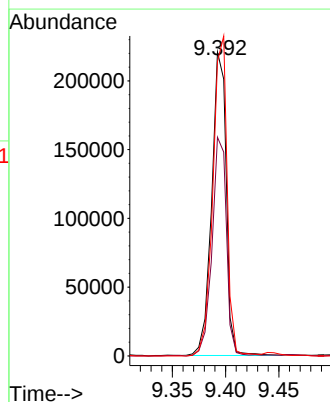
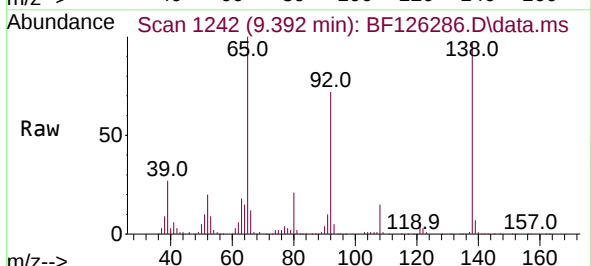
Tgt Ion: 65 Resp: 210717

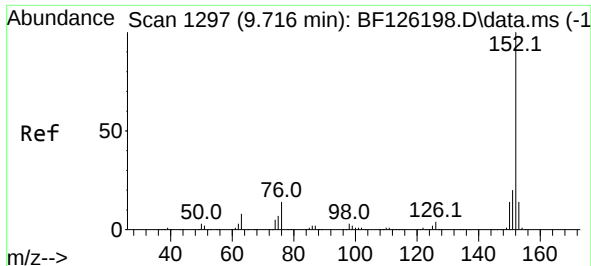
Ion Ratio Lower Upper

65 100

92 72.0 55.5 83.3

138 96.9 93.5 140.3

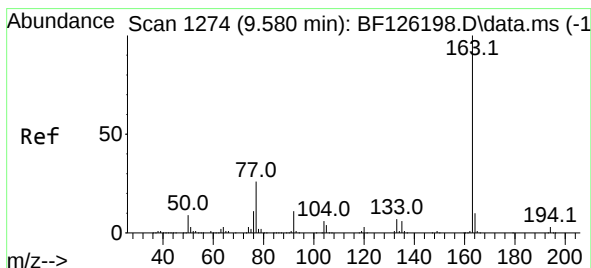
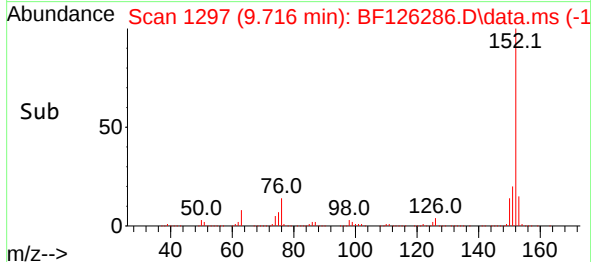
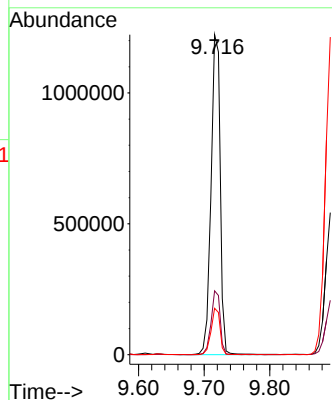
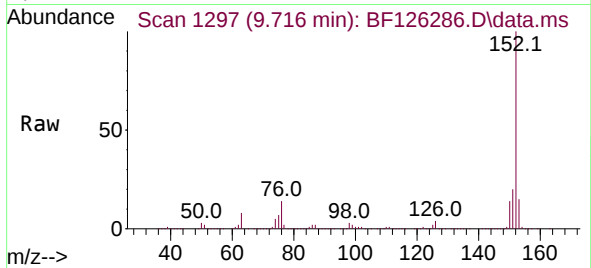




#49
Acenaphthylene
Concen: 68.208 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

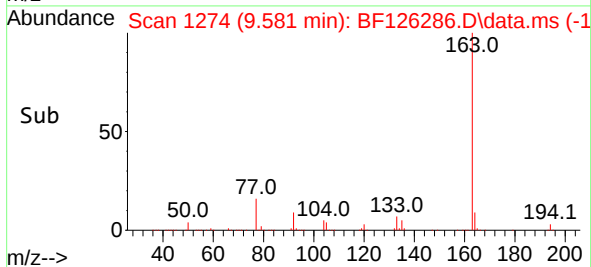
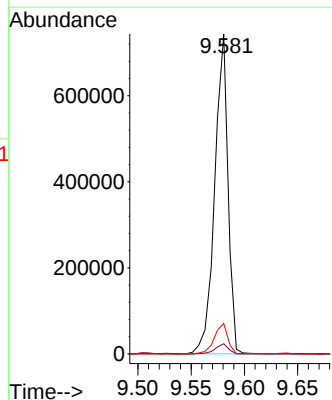
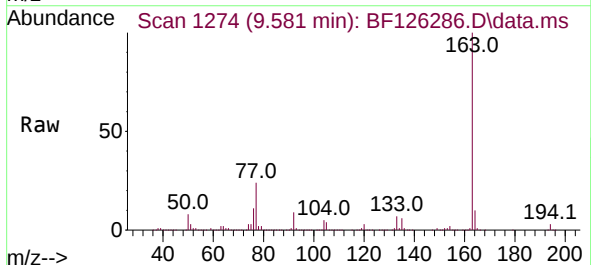
Instrument :
BNA_F
ClientSampleId :
BB4MSD

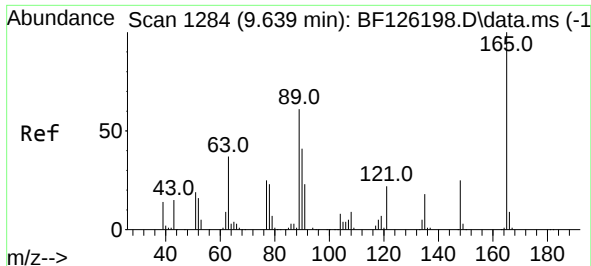
Tgt Ion:152 Resp: 1195480
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 14.5 9.8 14.8



#50
Dimethylphthalate
Concen: 49.204 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:163 Resp: 642639
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 9.6 7.4 11.0

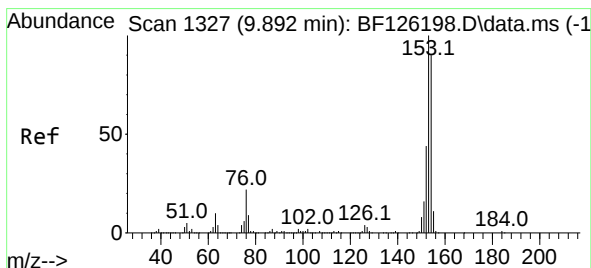
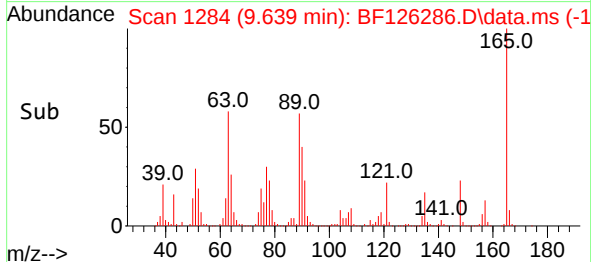
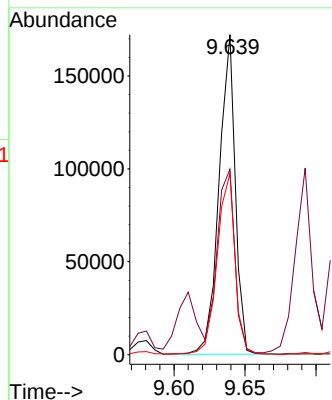
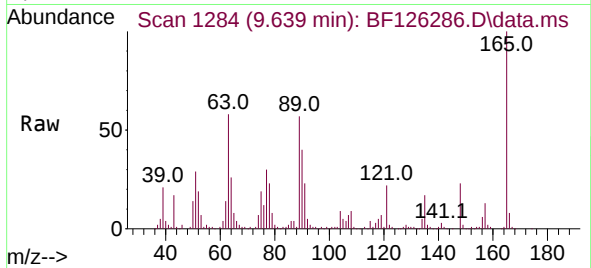




#51
2,6-Dinitrotoluene
Concen: 48.297 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

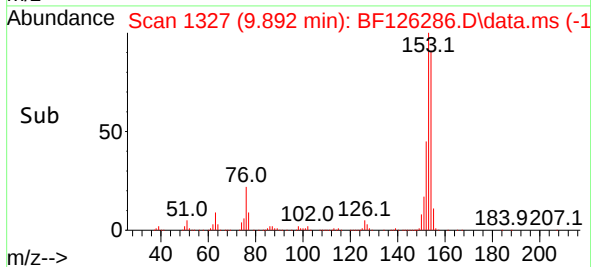
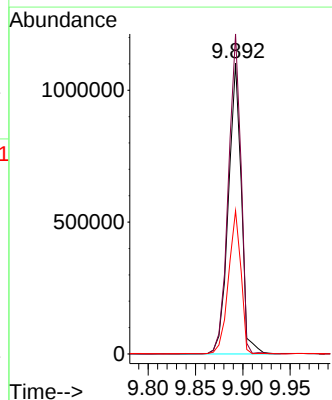
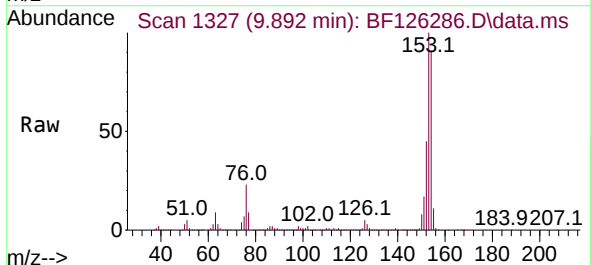
Instrument :
BNA_F
ClientSampleId :
BB4MSD

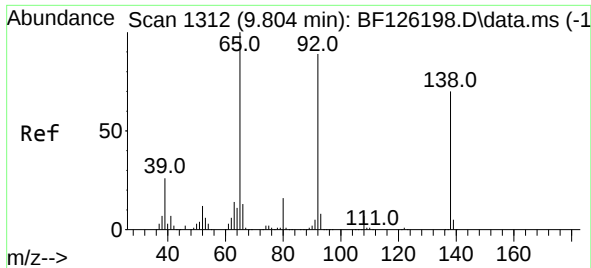
Tgt Ion:165 Resp: 136530
Ion Ratio Lower Upper
165 100
63 57.9 42.6 63.8
89 56.6 40.6 60.8



#52
Acenaphthene
Concen: 92.494 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:154 Resp: 1051312
Ion Ratio Lower Upper
154 100
153 110.1 89.4 134.2
152 49.3 40.5 60.7

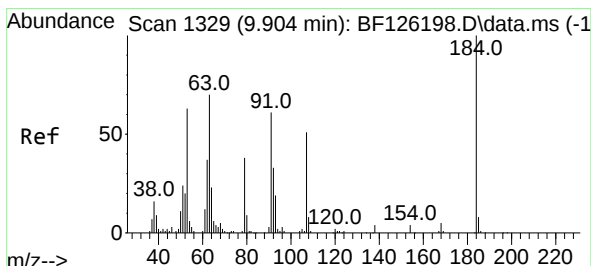
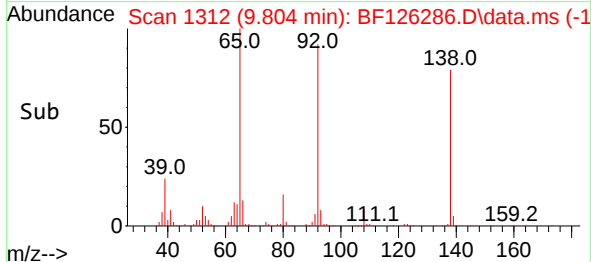
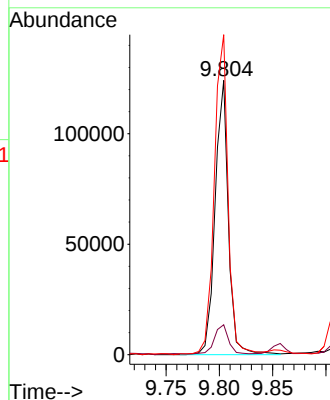
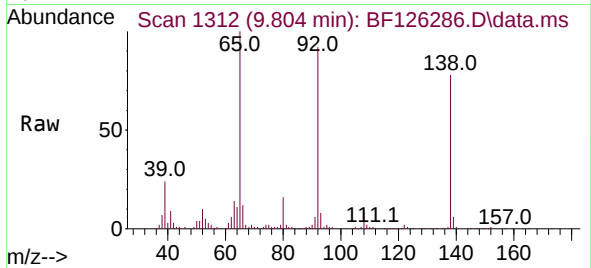




#53
3-Nitroaniline
Concen: 29.867 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

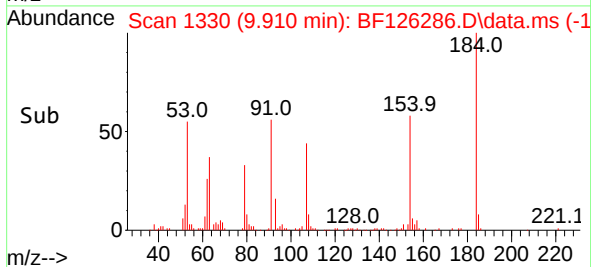
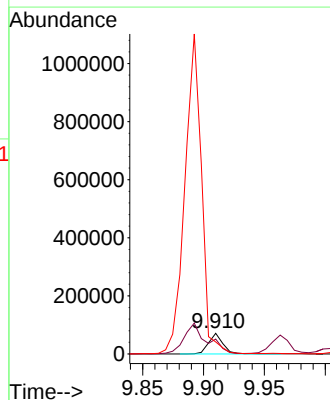
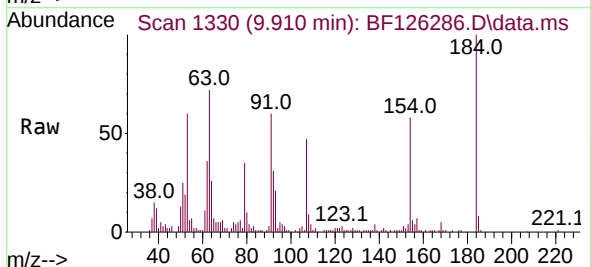
Instrument :
BNA_F
ClientSampleId :
BB4MSD

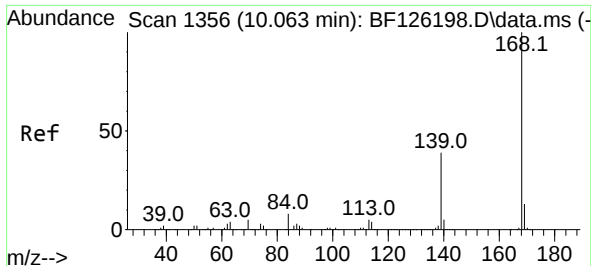
Tgt Ion:138 Resp: 107313
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 116.7 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 50.365 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:184 Resp: 58624
Ion Ratio Lower Upper
184 100
63 72.1 59.3 88.9
154 58.4 68.6 102.8#

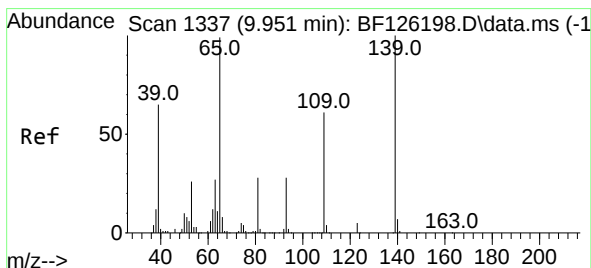
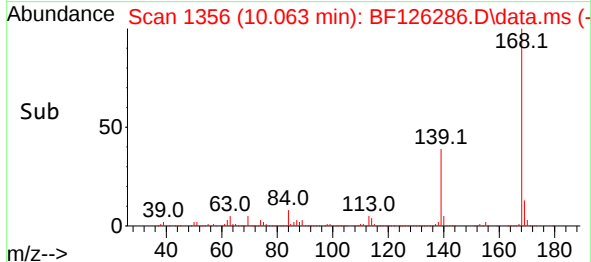
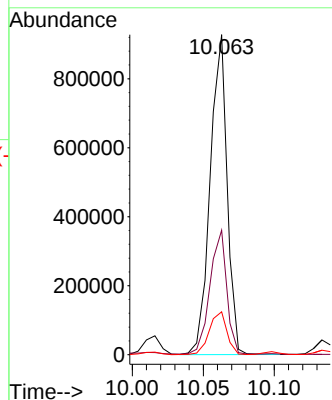
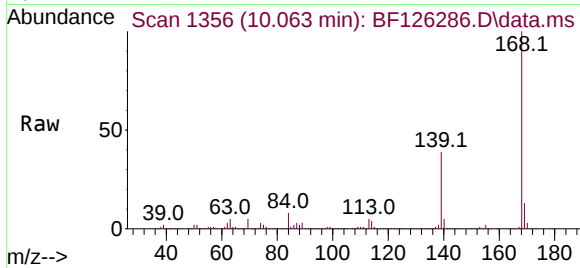




#55
Dibenzenofuran
Concen: 49.967 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

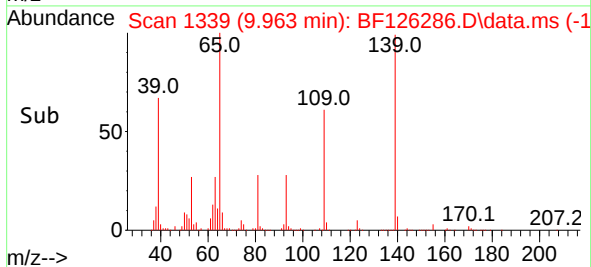
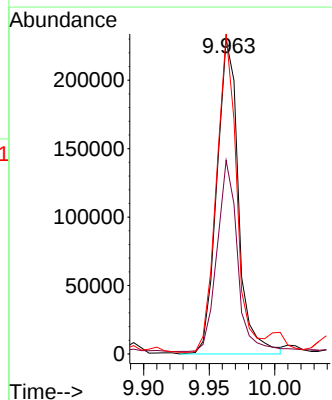
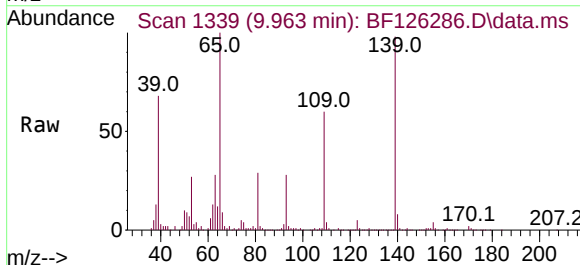
Instrument :
BNA_F
ClientSampleId :
BB4MSD

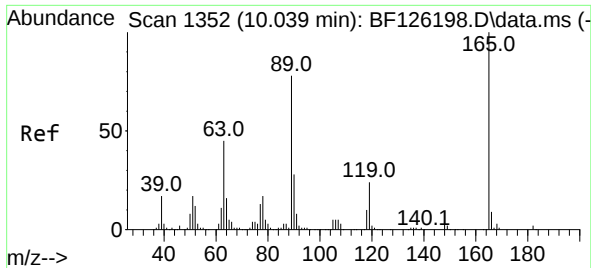
Tgt Ion:168 Resp: 773250
Ion Ratio Lower Upper
168 100
139 38.9 32.7 49.1
169 13.4 11.2 16.8



#56
4-Nitrophenol
Concen: 101.593 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:139 Resp: 263671
Ion Ratio Lower Upper
139 100
109 61.5 60.4 100.4
65 101.7 58.4 98.4#

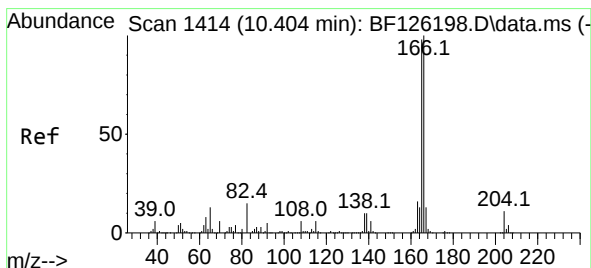
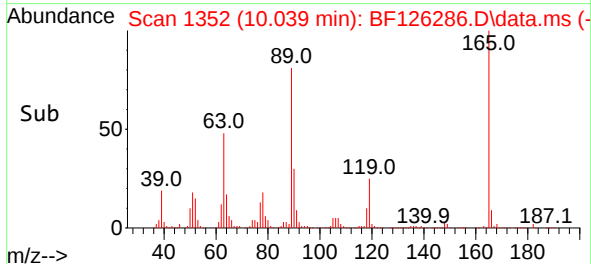
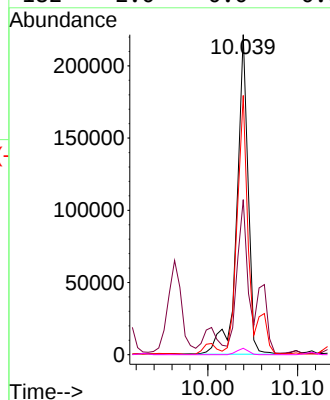
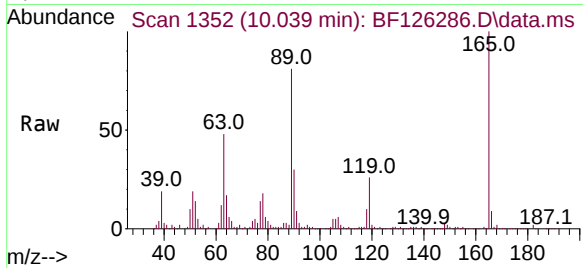




#57
2,4-Dinitrotoluene
Concen: 53.539 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

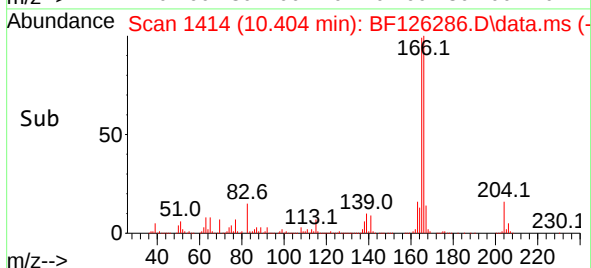
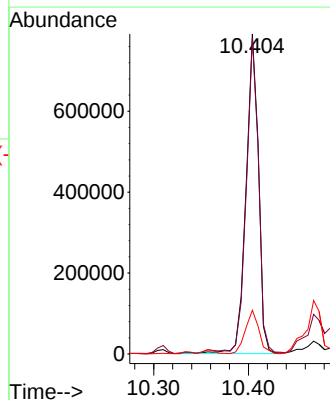
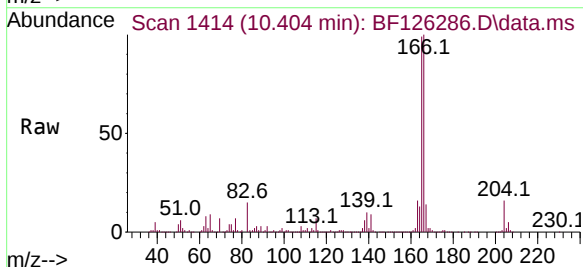
Instrument :
BNA_F
ClientSampleId :
BB4MSD

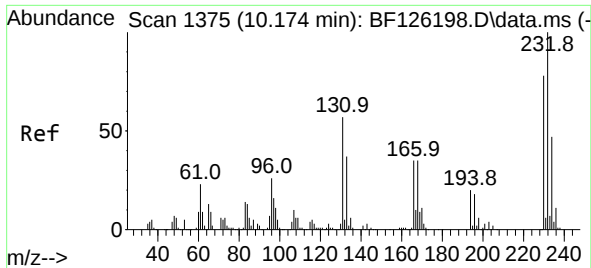
Tgt Ion:165 Resp: 193063
Ion Ratio Lower Upper
165 100
63 48.5 40.9 61.3
89 81.0 59.7 89.5
182 2.0 0.0 0.0#



#58
Fluorene
Concen: 64.152 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:166 Resp: 718707
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 13.6 11.1 16.7

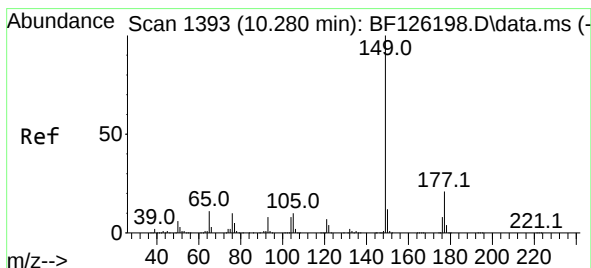
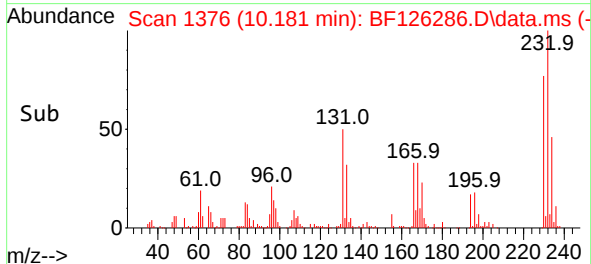
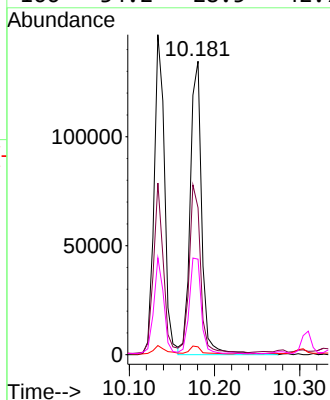
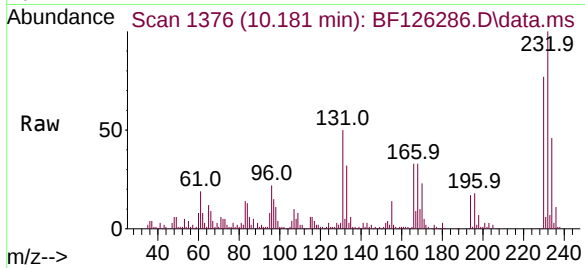




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.058 ng
RT: 10.181 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

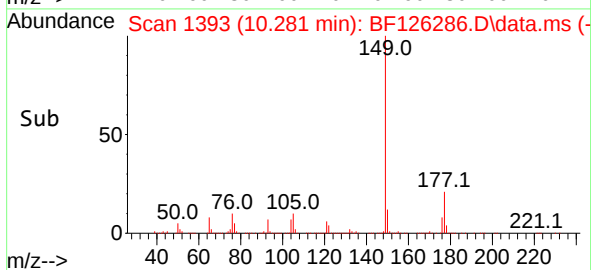
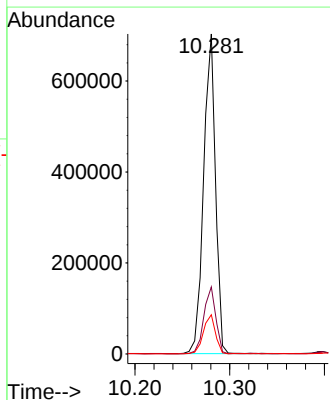
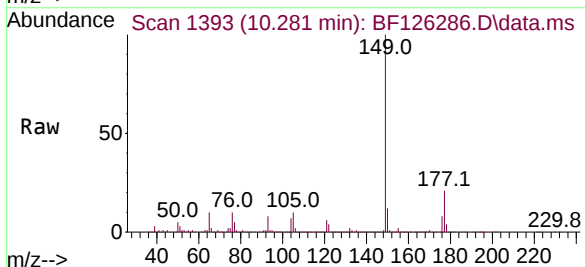
Instrument :
BNA_F
ClientSampleId :
BB4MSD

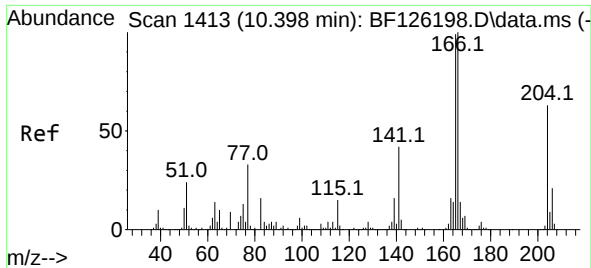
Tgt Ion:232 Resp: 126483
Ion Ratio Lower Upper
232 100
131 55.1 45.4 68.0
130 2.7 0.0 0.0#
166 34.2 28.5 42.7



#60
Diethylphthalate
Concen: 46.509 ng
RT: 10.281 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:149 Resp: 610434
Ion Ratio Lower Upper
149 100
177 21.0 16.5 24.7
150 12.2 10.1 15.1

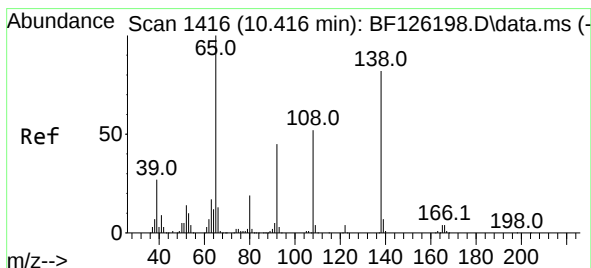
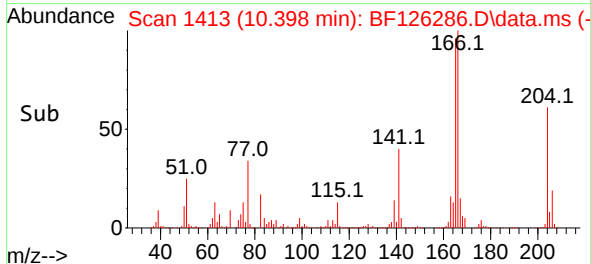
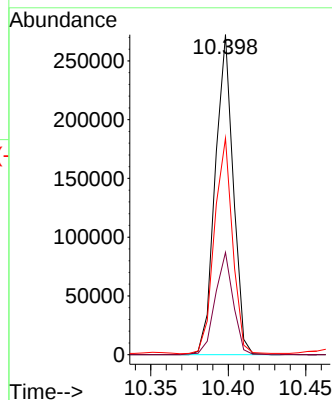
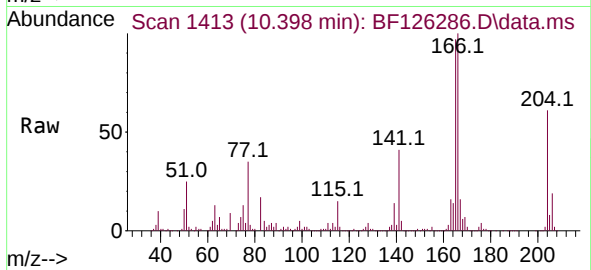




#61
4-Chlorophenyl-phenylether
Concen: 43.560 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

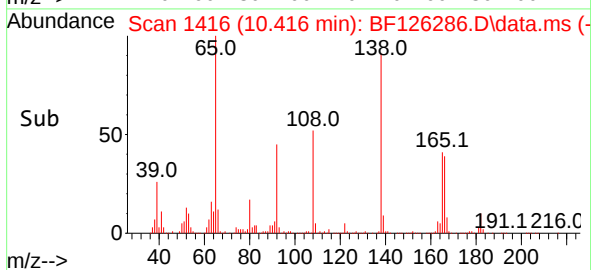
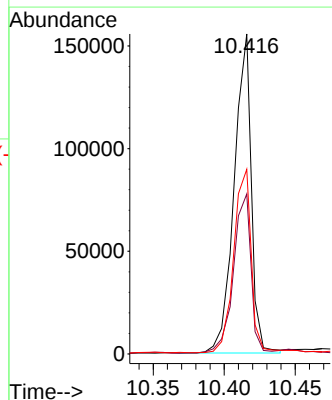
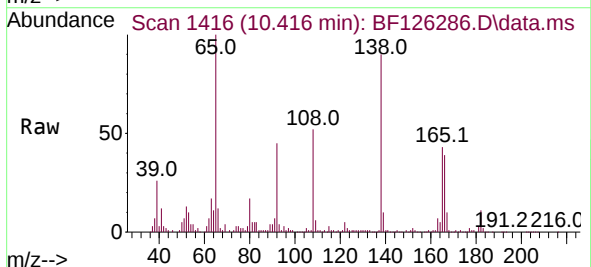
Instrument :
BNA_F
ClientSampleId :
BB4MSD

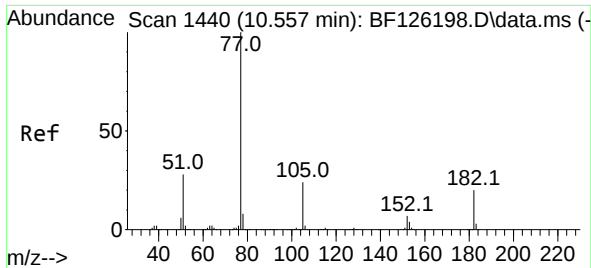
Tgt Ion:204 Resp: 219725
Ion Ratio Lower Upper
204 100
206 31.9 27.6 41.4
141 67.6 58.6 88.0



#62
4-Nitroaniline
Concen: 43.402 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:138 Resp: 130816
Ion Ratio Lower Upper
138 100
92 50.0 29.6 69.6
108 57.7 78.1 118.1#

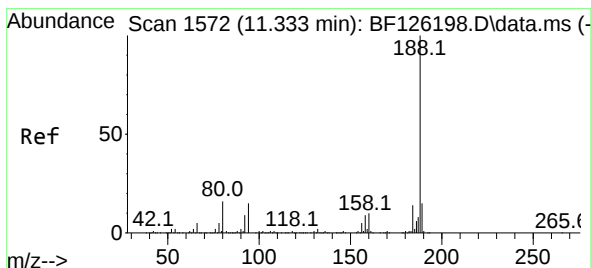
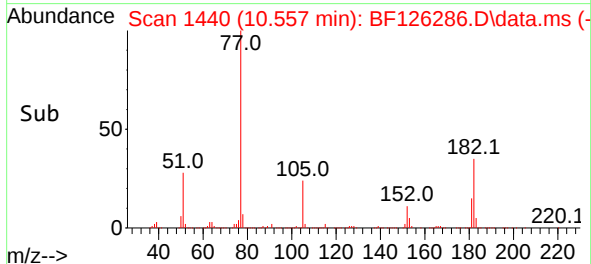
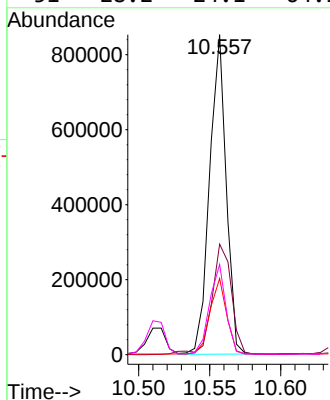
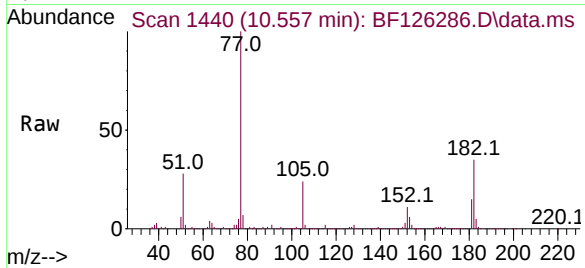




#63
Azobenzene
Concen: 43.663 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

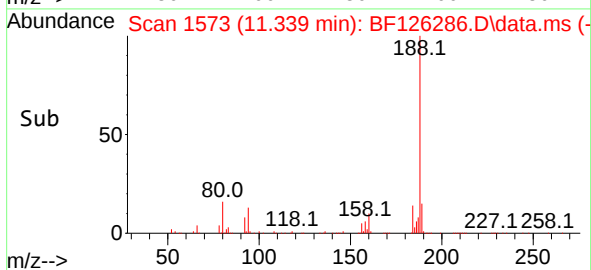
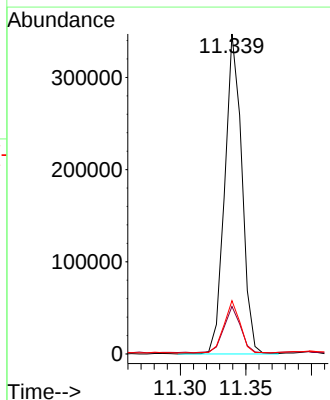
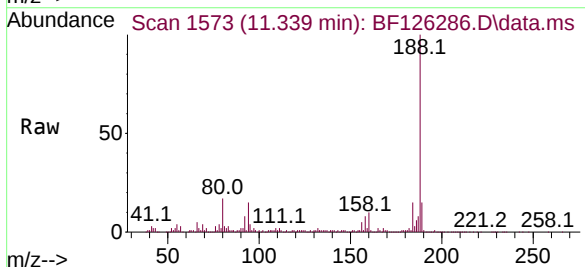
Instrument :
BNA_F
ClientSampleId :
BB4MSD

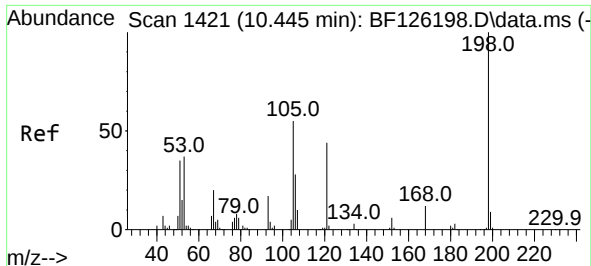
Tgt Ion: 77	Resp: 694136
Ion Ratio	Lower Upper
77 100	
182 34.6	6.3 46.3
105 23.8	2.9 42.9
51 28.2	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:188	Resp: 314454
Ion Ratio	Lower Upper
188 100	
94 14.9	6.7 10.1#
80 16.6	7.5 11.3#

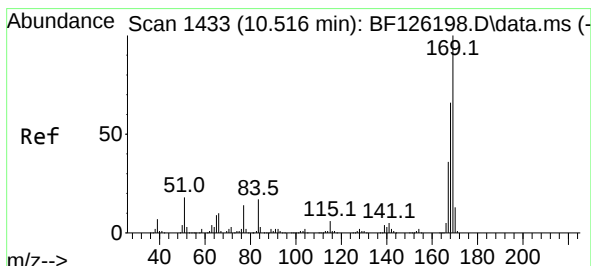
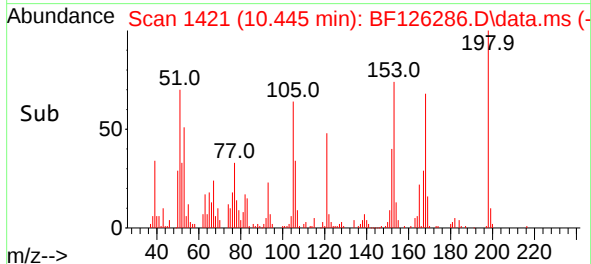
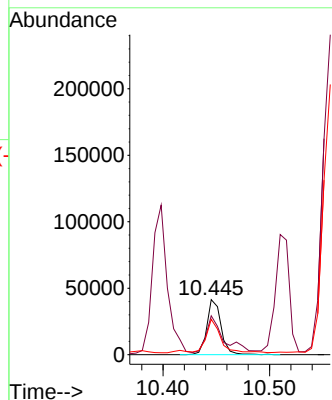
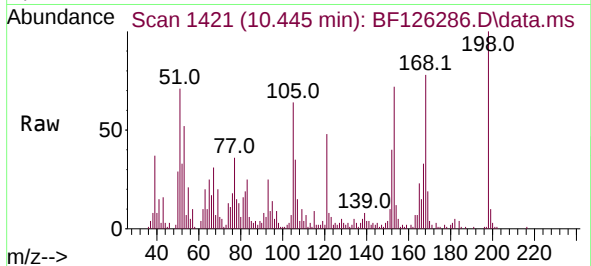




#65
4,6-Dinitro-2-methylphenol
Concen: 22.387 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

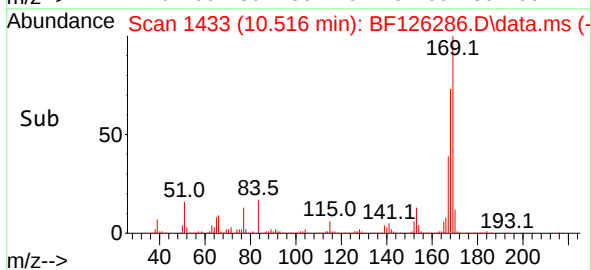
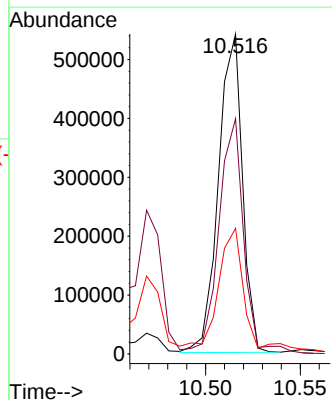
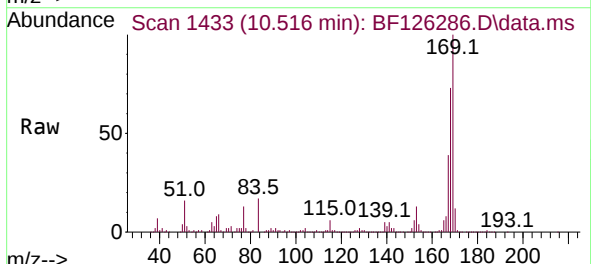
Instrument :
BNA_F
ClientSampleId :
BB4MSD

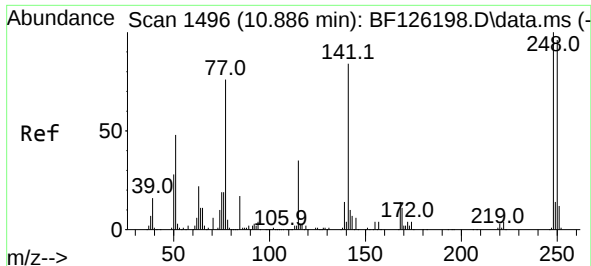
Tgt Ion:198 Resp: 38441
Ion Ratio Lower Upper
198 100
51 70.8 45.3 85.3
105 64.3 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 47.277 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:169 Resp: 477114
Ion Ratio Lower Upper
169 100
168 73.5 50.8 76.2
167 39.3 28.8 43.2

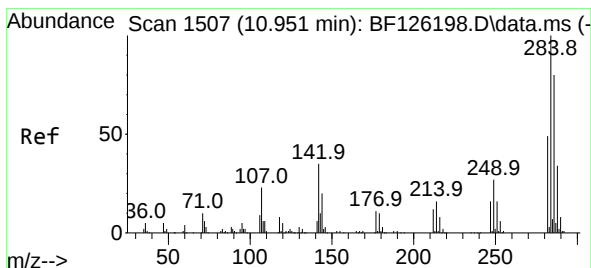
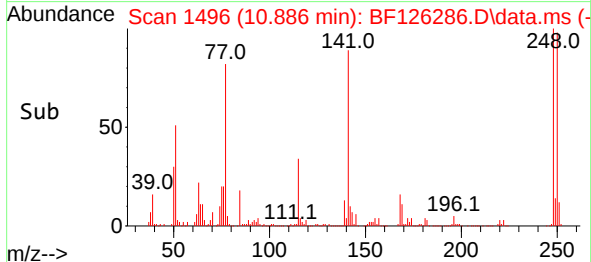
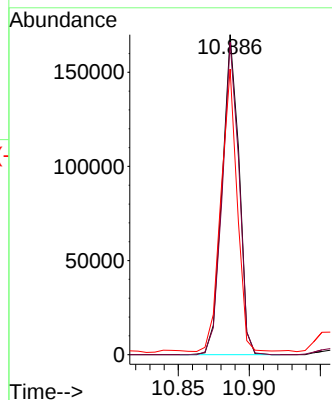
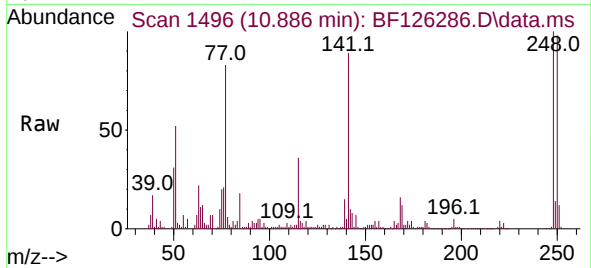




#67
4-Bromophenyl-phenylether
Concen: 47.284 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

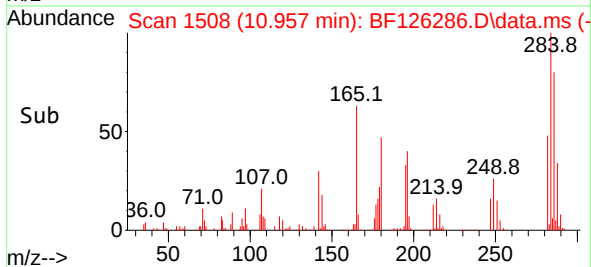
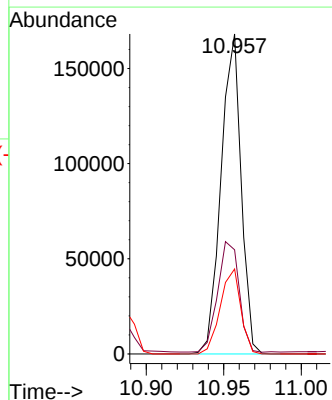
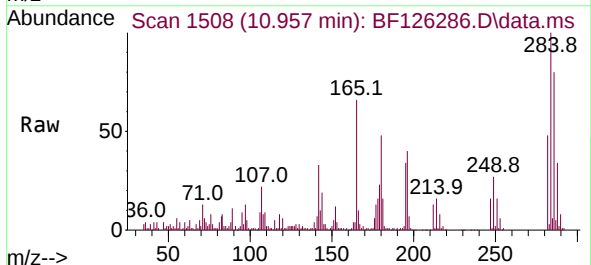
Instrument :
BNA_F
ClientSampleId :
BB4MSD

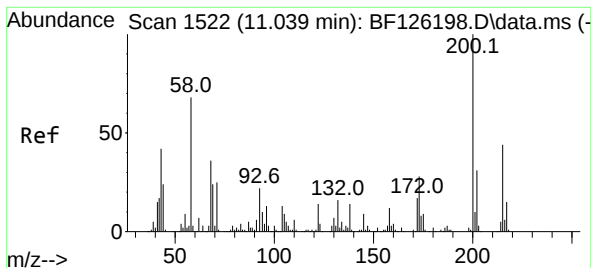
Tgt Ion:248 Resp: 139544
Ion Ratio Lower Upper
248 100
250 97.7 74.2 111.4
141 89.3 60.4 90.6



#68
Hexachlorobenzene
Concen: 44.637 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:284 Resp: 151509
Ion Ratio Lower Upper
284 100
142 32.6 36.4 54.6#
249 26.5 25.6 38.4





#69

Atrazine

Concen: 72.519 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

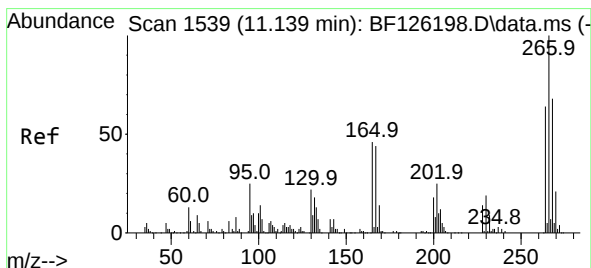
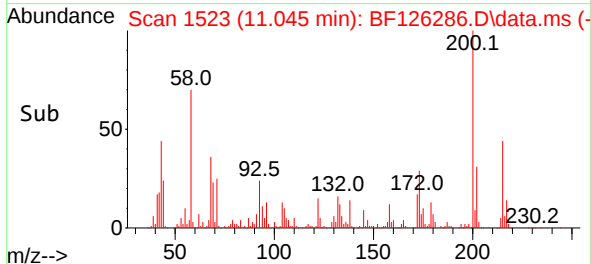
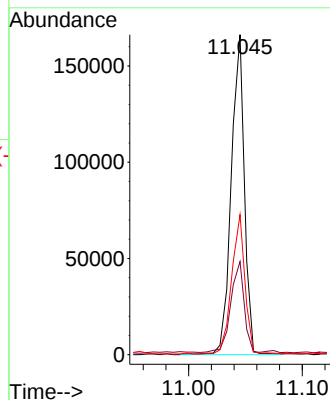
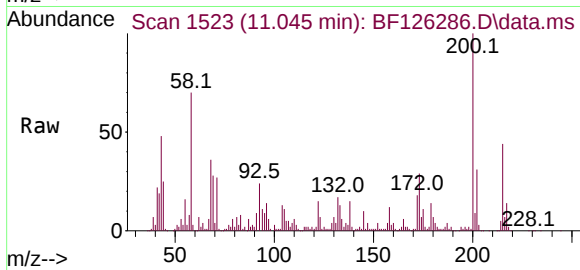
Tgt Ion:200 Resp: 134119

Ion Ratio Lower Upper

200 100

173 29.1 11.1 51.1

215 43.8 22.7 62.7



#70

Pentachlorophenol

Concen: 94.662 ng

RT: 11.151 min Scan# 1541

Delta R.T. 0.012 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

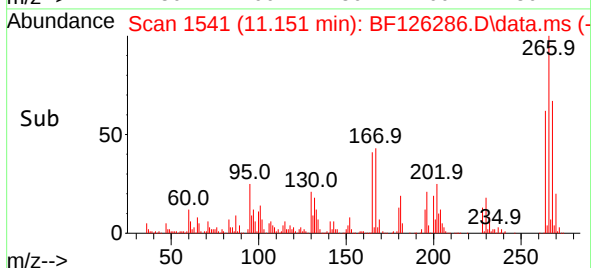
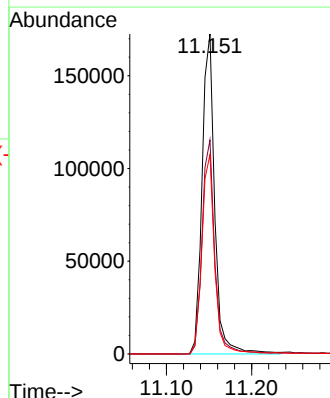
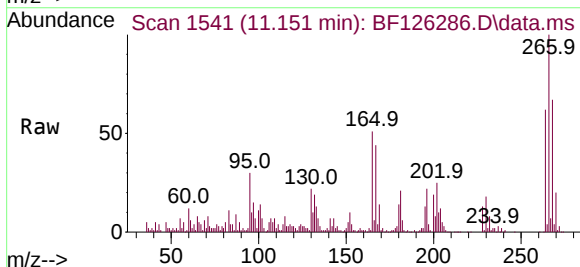
Tgt Ion:266 Resp: 178252

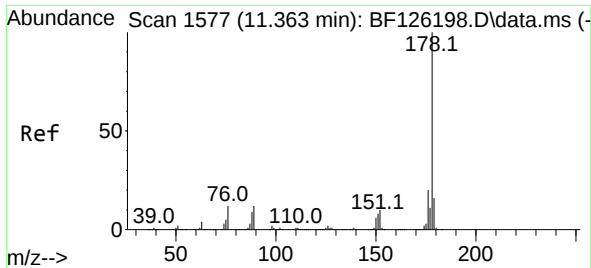
Ion Ratio Lower Upper

266 100

268 66.9 48.9 73.3

264 62.3 55.9 83.9

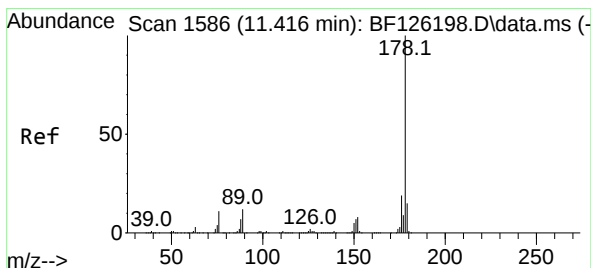
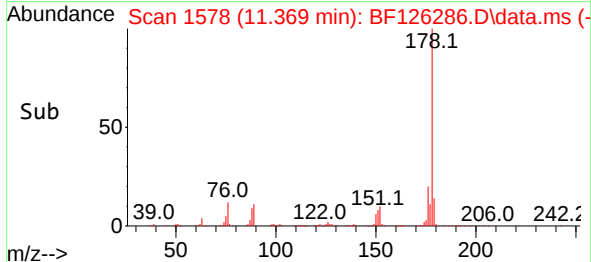
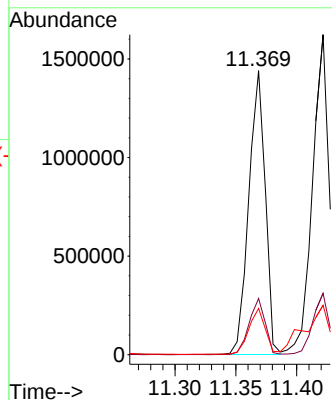
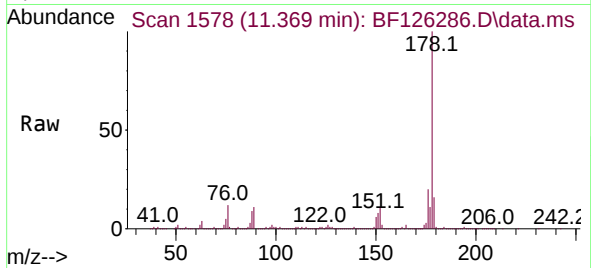




#71
Phenanthrene
Concen: 83.477 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

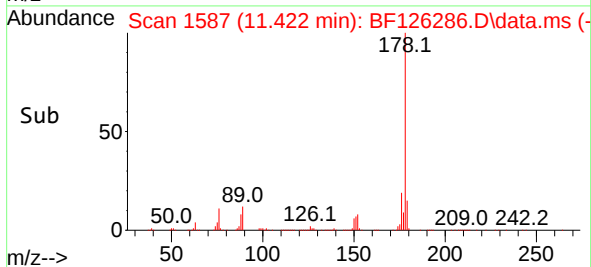
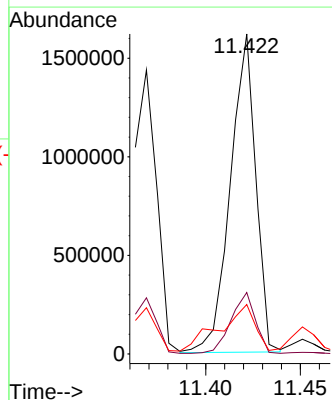
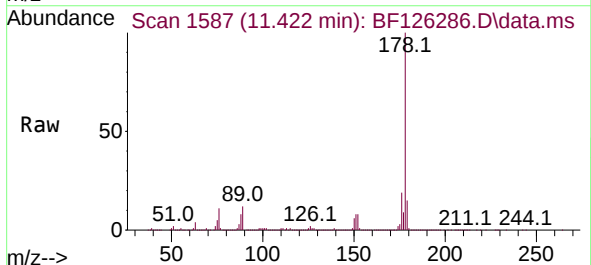
Instrument :
BNA_F
ClientSampleId :
BB4MSD

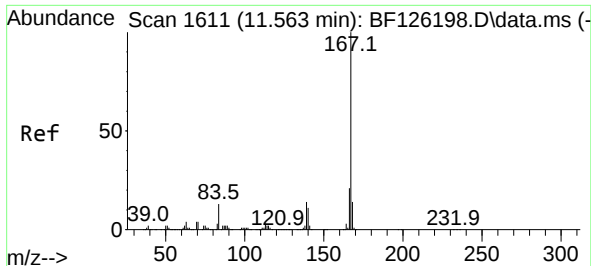
Tgt Ion:178 Resp: 1354832
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 16.3 11.5 17.3



#72
Anthracene
Concen: 92.403 ng
RT: 11.422 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:178 Resp: 1505255
Ion Ratio Lower Upper
178 100
176 19.2 14.3 21.5
179 15.5 12.2 18.4

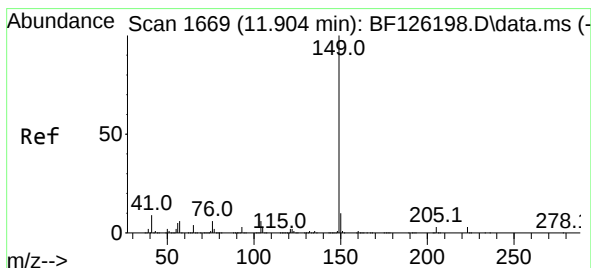
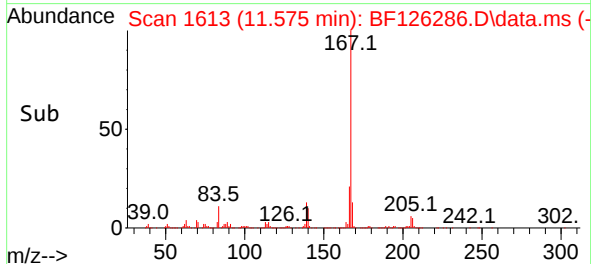
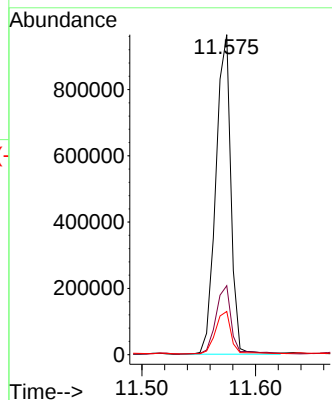
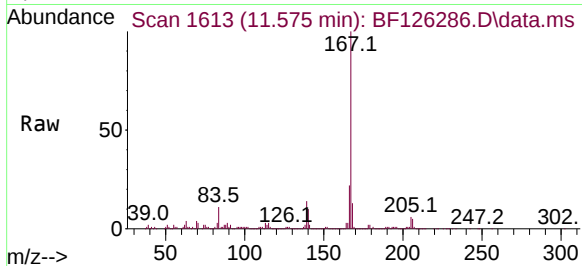




#73
 Carbazole
 Concen: 57.819 ng
 RT: 11.575 min Scan# 1613
 Delta R.T. 0.012 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

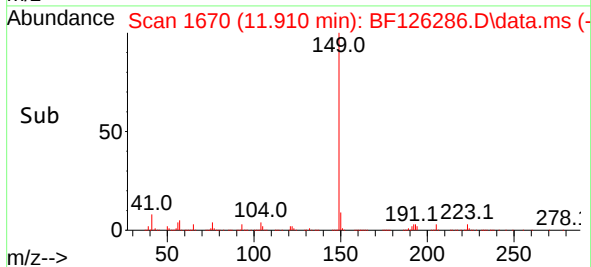
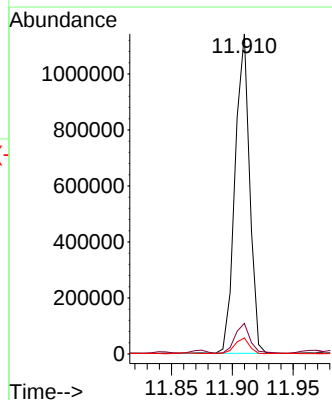
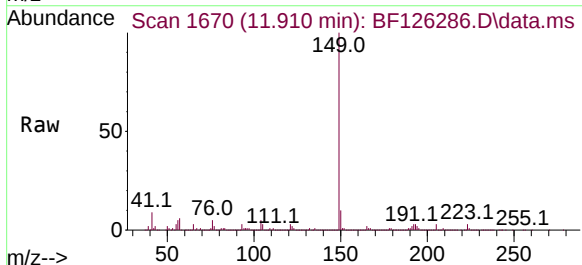
Instrument :
 BNA_F
 ClientSampleId :
 BB4MSD

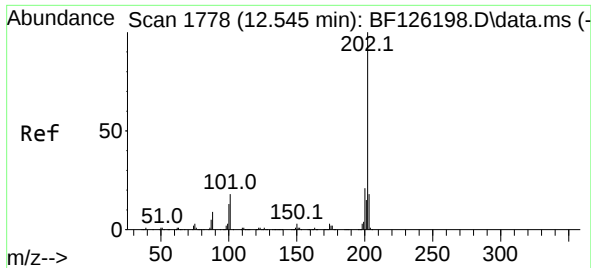
Tgt Ion:167 Resp: 887005
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.5 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 48.776 ng
 RT: 11.910 min Scan# 1670
 Delta R.T. 0.006 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Tgt Ion:149 Resp: 948590
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.0 4.1 6.1

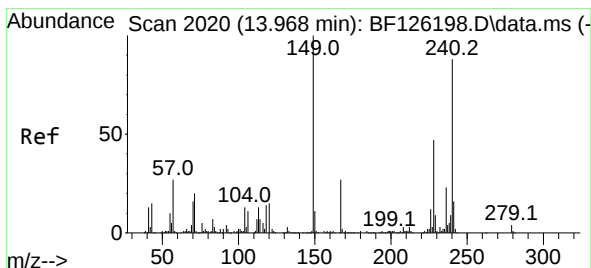
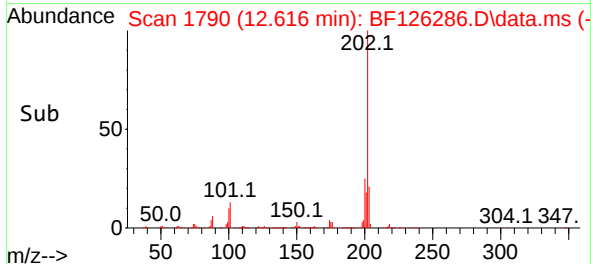
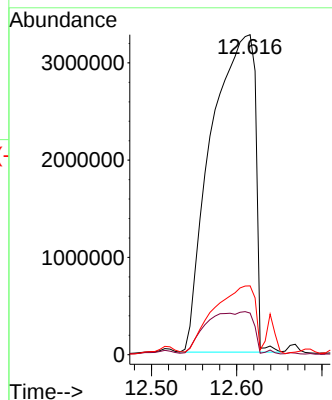
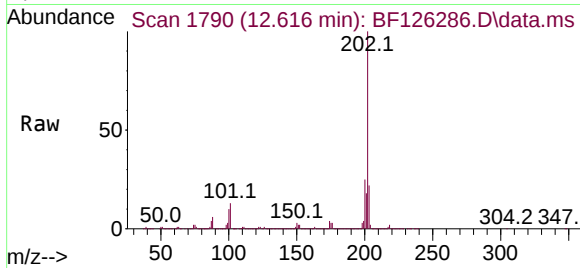




#75
Fluoranthene
Concen: 801.975 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

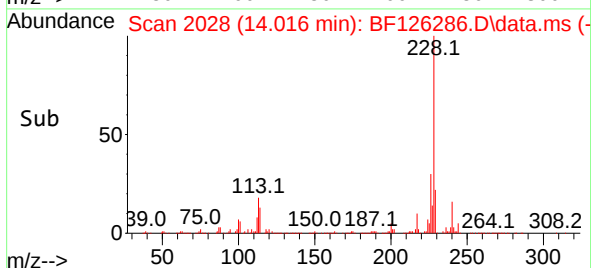
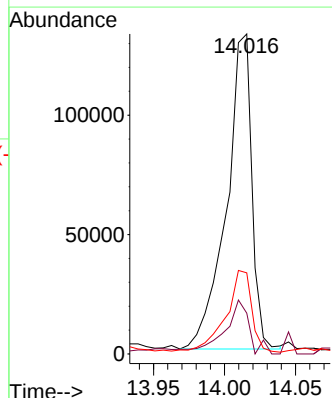
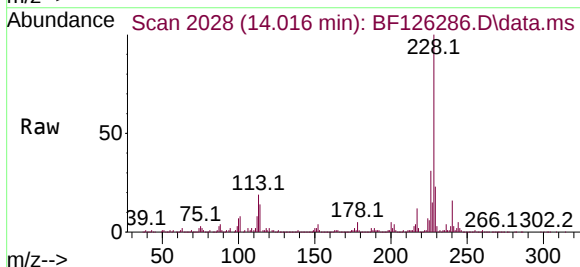
Instrument :
BNA_F
ClientSampleId :
BB4MSD

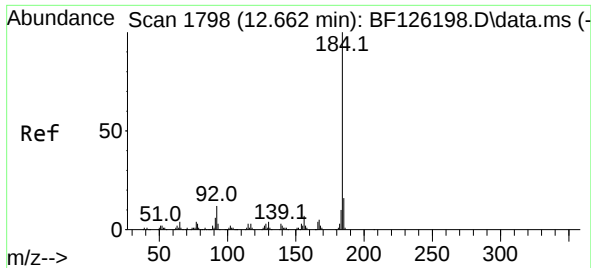
Tgt Ion:202 Resp:11727121
Ion Ratio Lower Upper
202 100
101 13.0 0.0 30.7
203 21.5 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.047 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:240 Resp: 163611
Ion Ratio Lower Upper
240 100
120 12.7 10.8 16.2
236 25.4 21.6 32.4

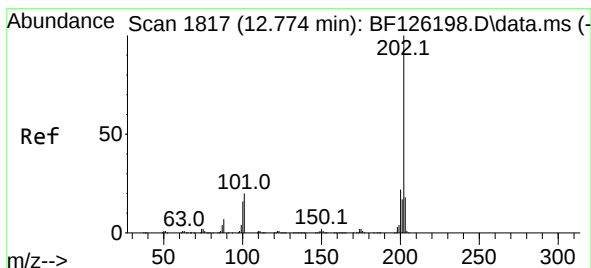
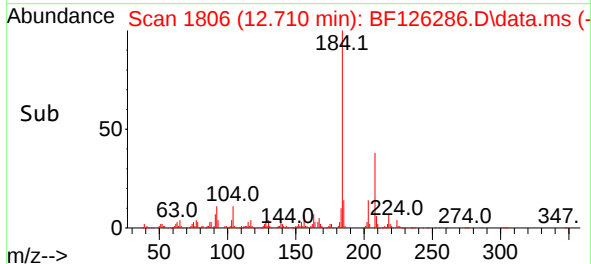
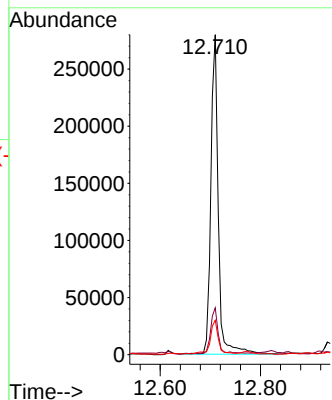
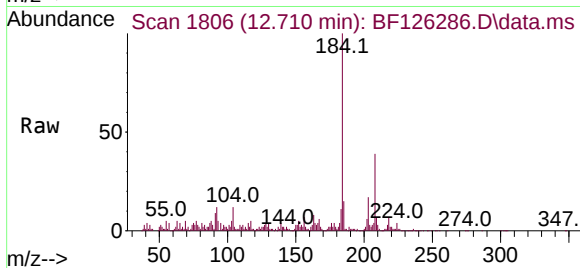




#77
Benzidine
Concen: 111.850 ng
RT: 12.710 min Scan# 1806
Delta R.T. 0.047 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

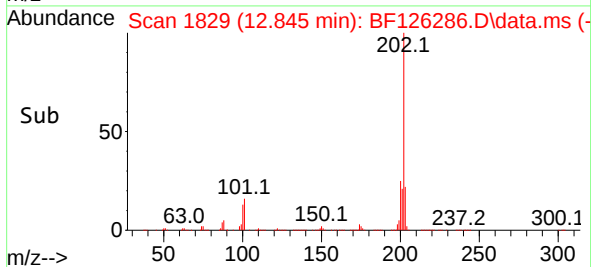
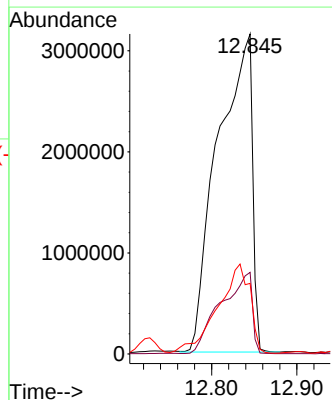
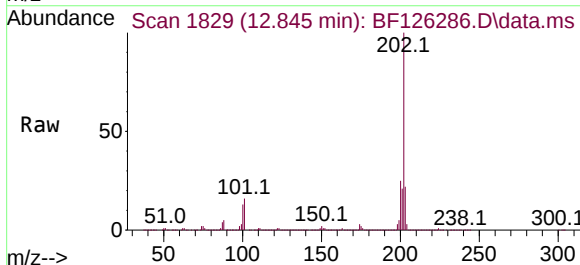
Instrument :
BNA_F
ClientSampleId :
BB4MSD

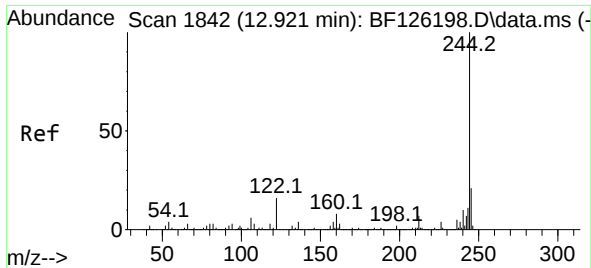
Tgt Ion:184 Resp: 288506
Ion Ratio Lower Upper
184 100
185 14.7 10.8 16.2
183 10.7 8.1 12.1



#78
Pyrene
Concen: 585.683 ng
RT: 12.845 min Scan# 1829
Delta R.T. 0.071 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:202 Resp: 8803579
Ion Ratio Lower Upper
202 100
200 25.5 15.3 22.9#
203 22.1 13.4 20.0#

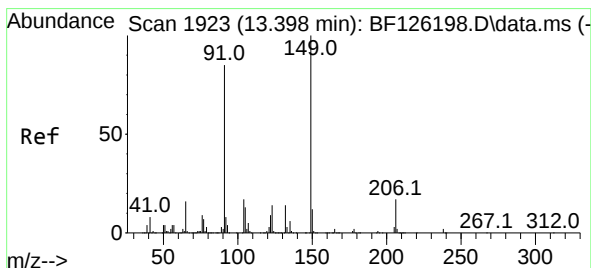
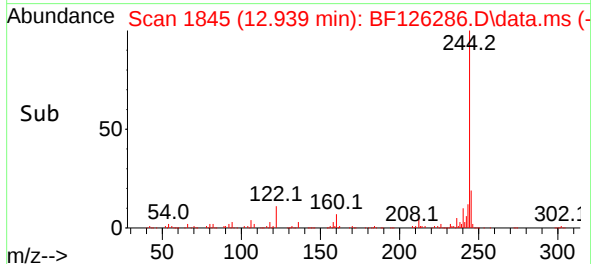
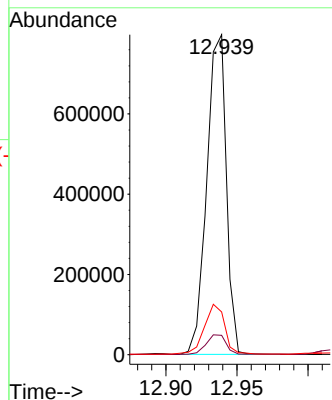
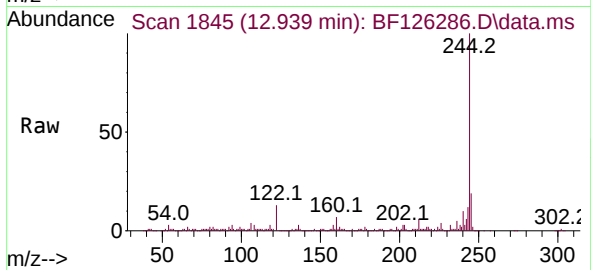




#79
 Terphenyl-d14
 Concen: 81.398 ng
 RT: 12.939 min Scan# 1845
 Delta R.T. 0.018 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

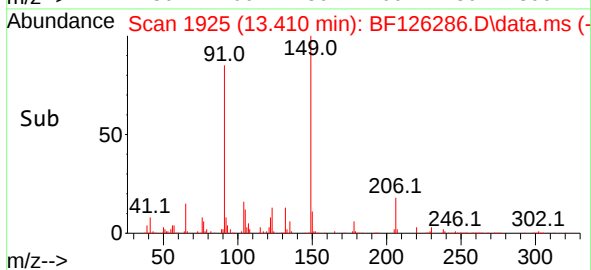
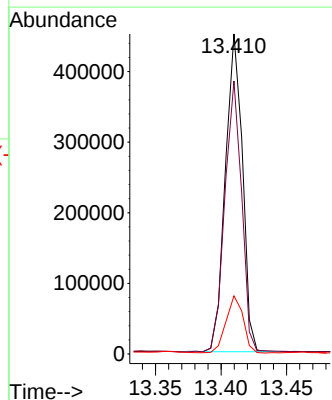
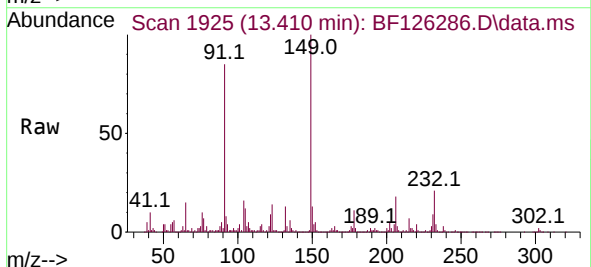
Instrument :
 BNA_F
 ClientSampleId :
 BB4MSD

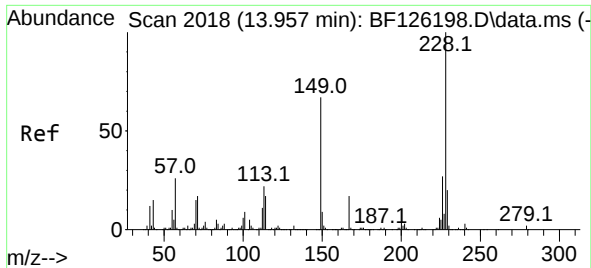
Tgt Ion:244 Resp: 766209
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.9 8.9
 122 13.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 57.610 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. 0.012 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Tgt Ion:149 Resp: 407497
 Ion Ratio Lower Upper
 149 100
 91 85.3 51.8 77.8#
 206 18.1 14.5 21.7

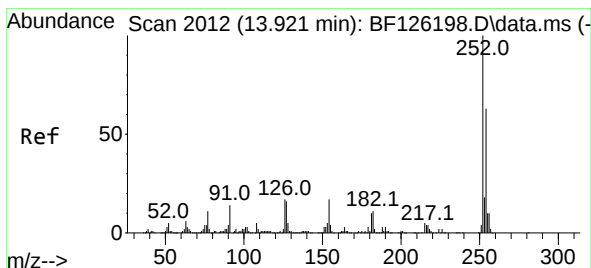
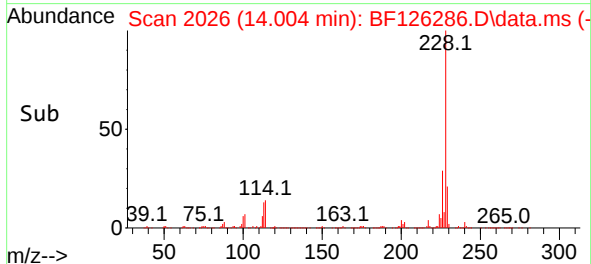
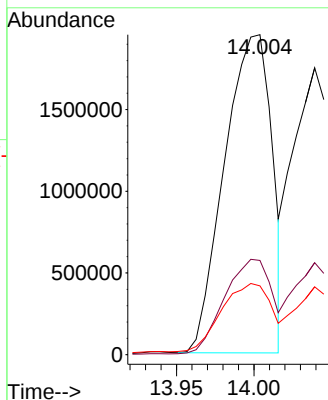
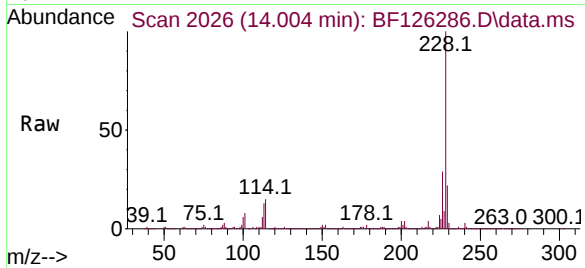




#81
Benzo(a)anthracene
Concen: 428.833 ng
RT: 14.004 min Scan# 2018
Delta R.T. 0.047 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

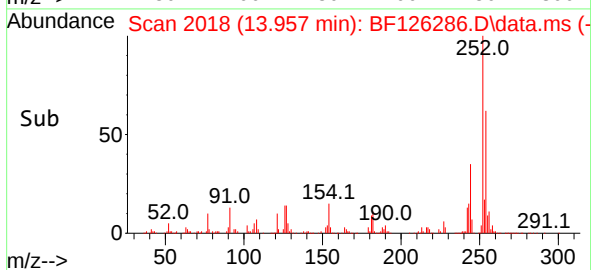
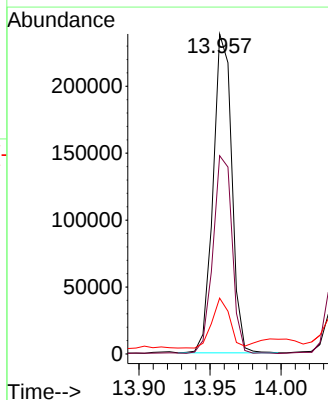
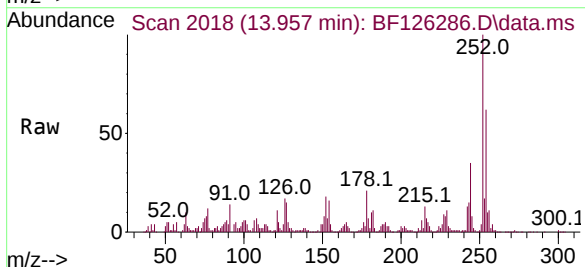
Instrument :
BNA_F
ClientSampleId :
BB4MSD

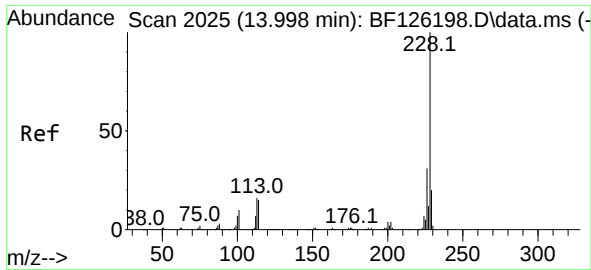
Tgt Ion:228 Resp: 4156007
Ion Ratio Lower Upper
228 100
226 29.5 21.6 32.4
229 21.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 49.195 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.036 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:252 Resp: 217814
Ion Ratio Lower Upper
252 100
254 62.0 51.4 77.0
126 17.4 9.5 14.3#

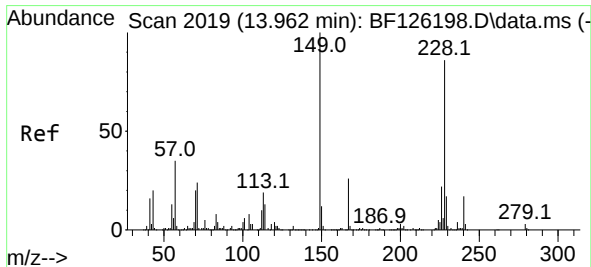
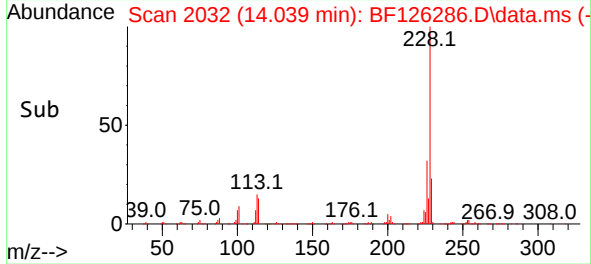
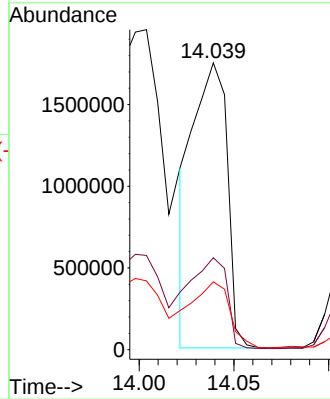
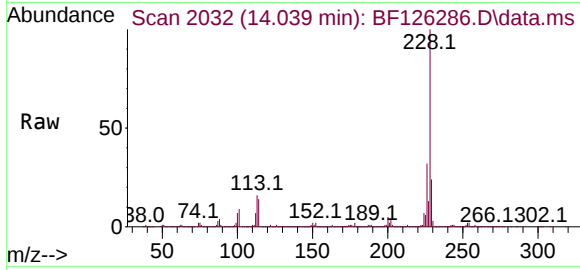




#83
Chrysene
Concen: 220.667 ng
RT: 14.039 min Scan# 2021
Delta R.T. 0.041 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

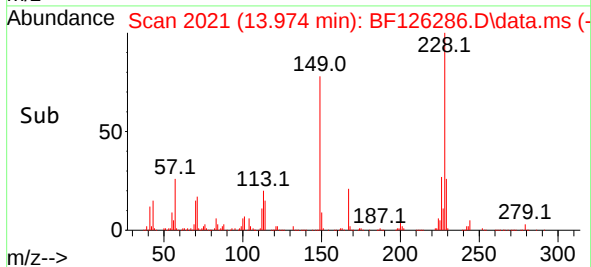
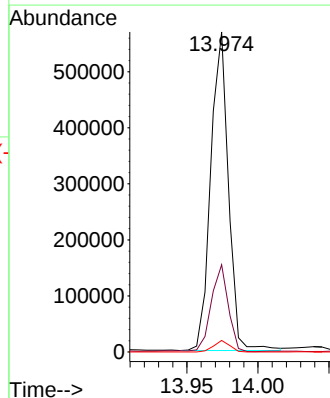
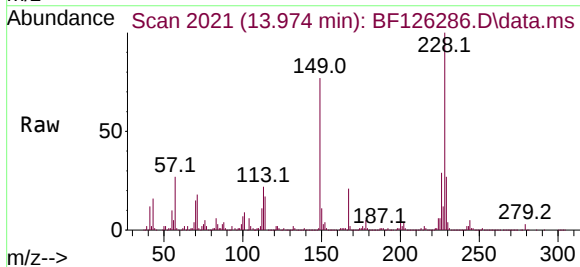
Instrument :
BNA_F
ClientSampleId :
BB4MSD

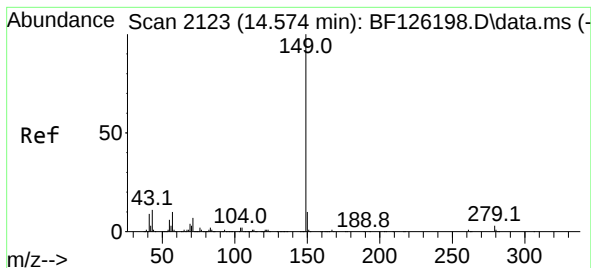
Tgt Ion:228 Resp: 2221972
Ion Ratio Lower Upper
228 100
226 32.1 22.6 34.0
229 23.6 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.141 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.012 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:149 Resp: 491176
Ion Ratio Lower Upper
149 100
167 27.2 21.4 32.0
279 3.6 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 77.924 ng

RT: 14.580 min Scan# 2123

Delta R.T. 0.006 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

Instrument :

BNA_F

ClientSampleId :

BB4MSD

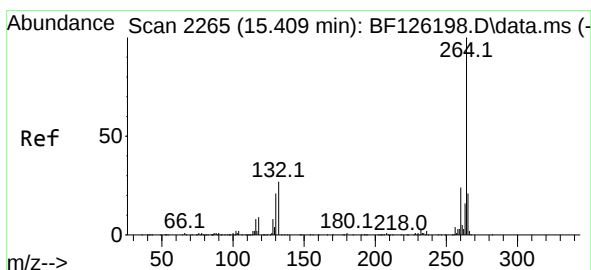
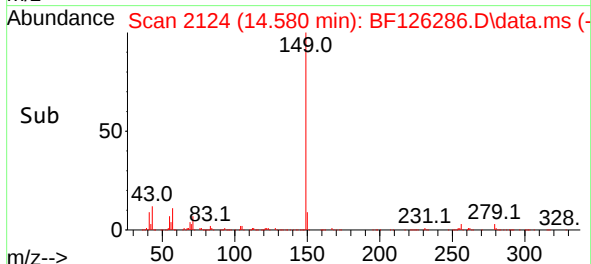
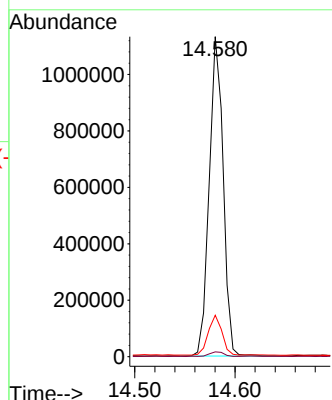
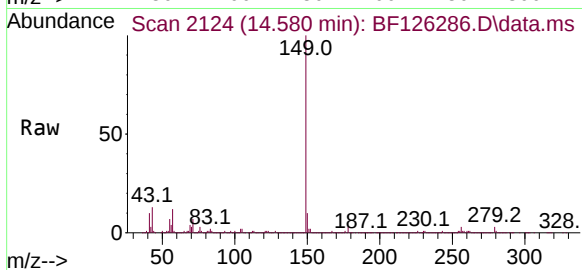
Tgt Ion:149 Resp: 1097996

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 12.3 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.041 min

Lab File: BF126286.D

Acq: 20 Dec 2021 19:18

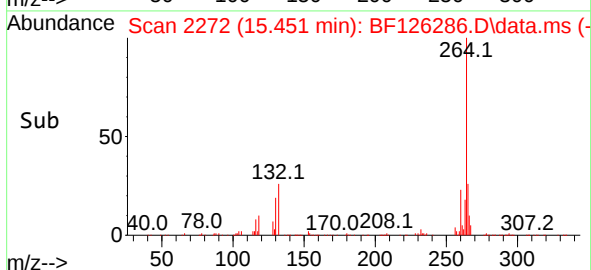
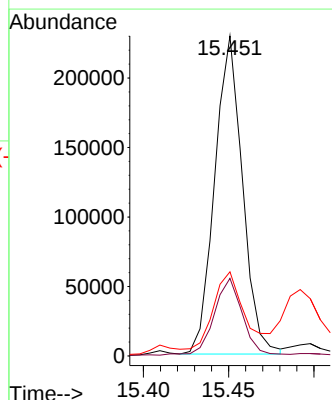
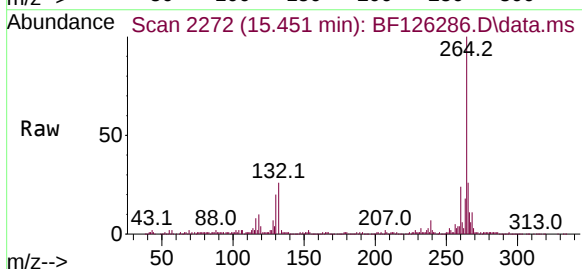
Tgt Ion:264 Resp: 259599

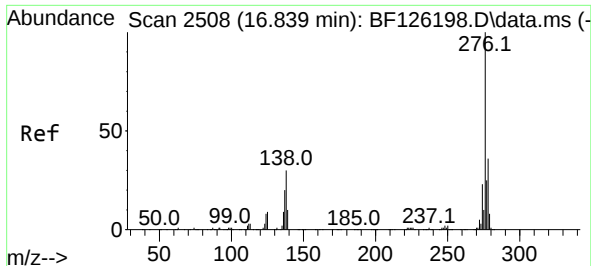
Ion Ratio Lower Upper

264 100

260 24.3 19.6 29.4

265 26.3 17.2 25.8#

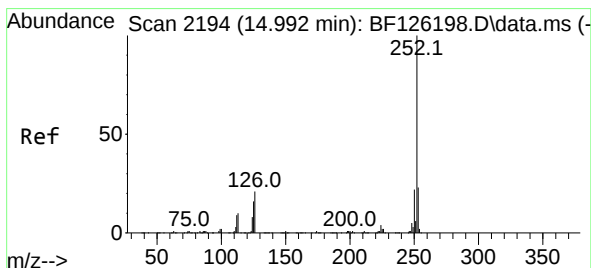
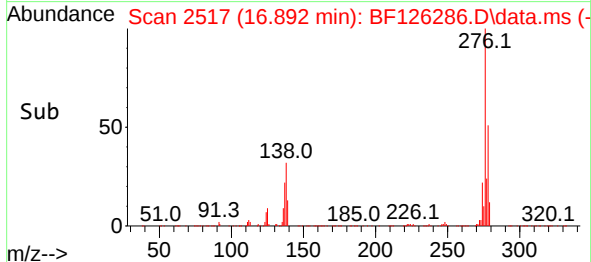
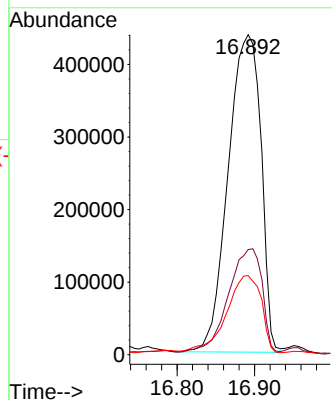
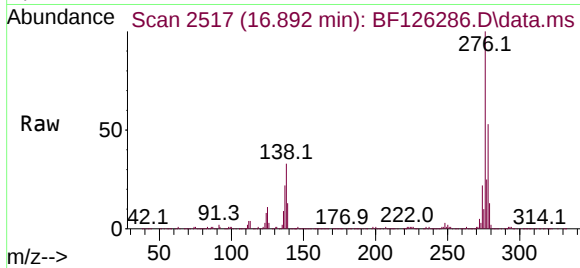




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 74.347 ng
 RT: 16.892 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

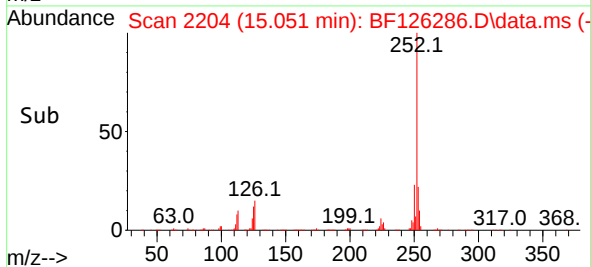
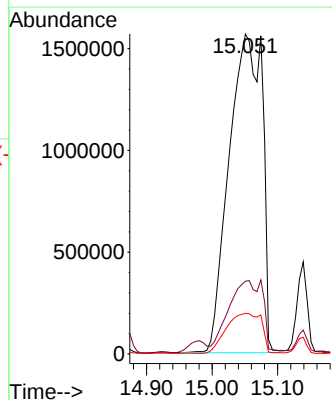
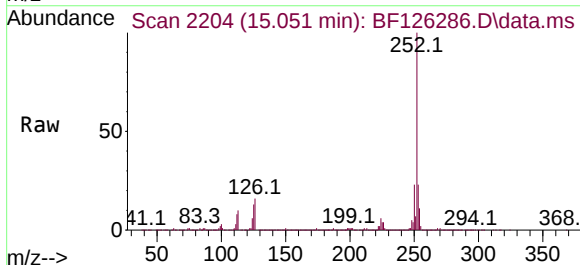
Instrument :
 BNA_F
 ClientSampleId :
 BB4MSD

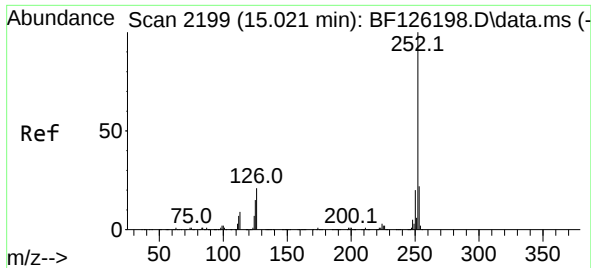
Tgt Ion:276 Resp: 1287367
 Ion Ratio Lower Upper
 276 100
 138 33.3 24.1 36.1
 277 26.7 18.8 28.2



#88
 Benzo(b)fluoranthene
 Concen: 352.908 ng
 RT: 15.051 min Scan# 2204
 Delta R.T. 0.059 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Tgt Ion:252 Resp: 5504693
 Ion Ratio Lower Upper
 252 100
 253 22.7 16.8 25.2
 125 12.7 9.8 14.8

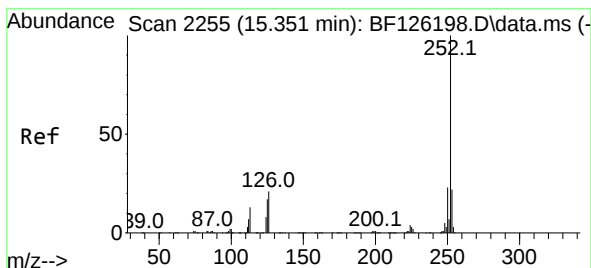
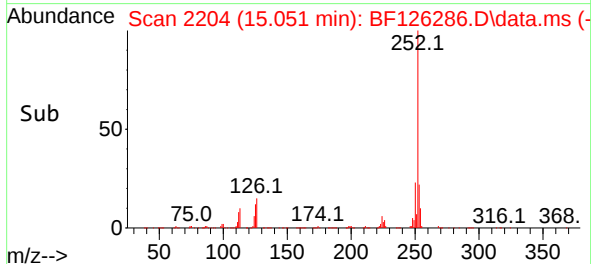
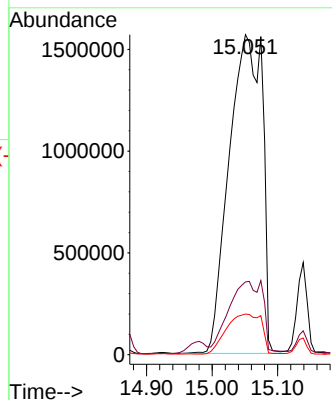
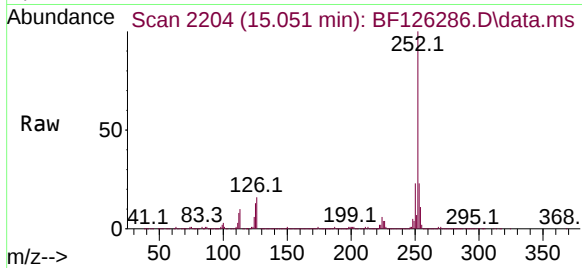




#89
Benzo(k)fluoranthene
Concen: 368.910 ng
RT: 15.051 min Scan# 2199
Delta R.T. 0.030 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

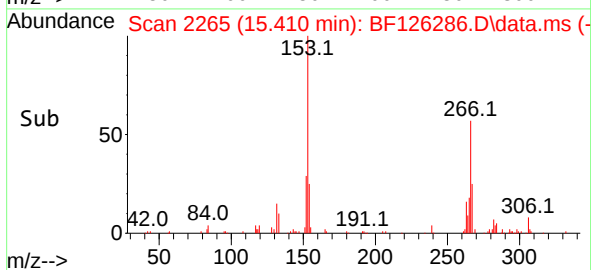
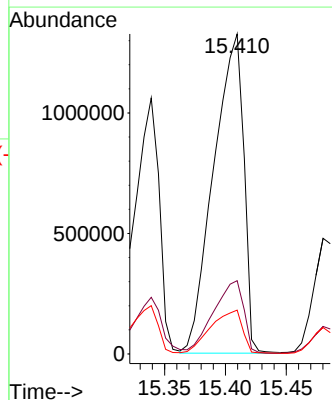
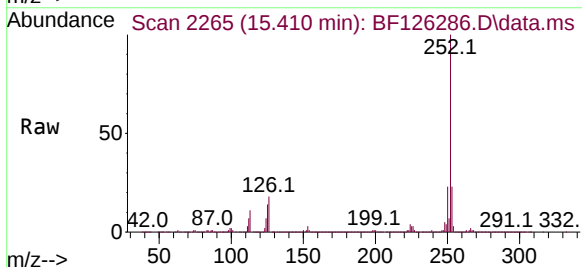
Instrument :
BNA_F
ClientSampleId :
BB4MSD

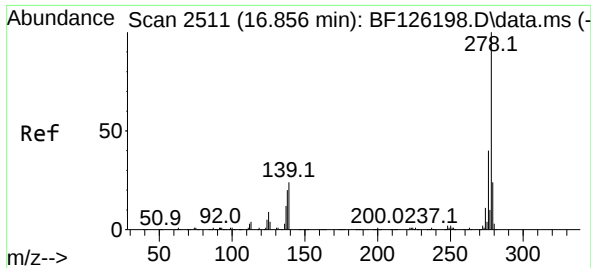
Tgt Ion:252 Resp: 5504693
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 12.7 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 175.551 ng
RT: 15.410 min Scan# 2265
Delta R.T. 0.059 min
Lab File: BF126286.D
Acq: 20 Dec 2021 19:18

Tgt Ion:252 Resp: 2275840
Ion Ratio Lower Upper
252 100
253 22.9 18.4 27.6
125 13.7 9.9 14.9

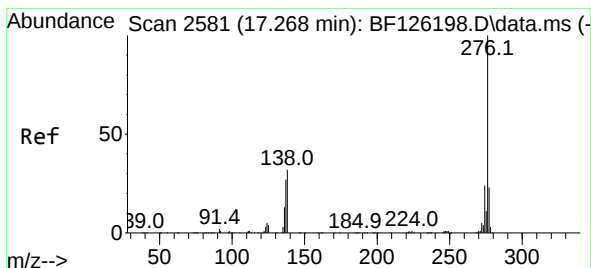
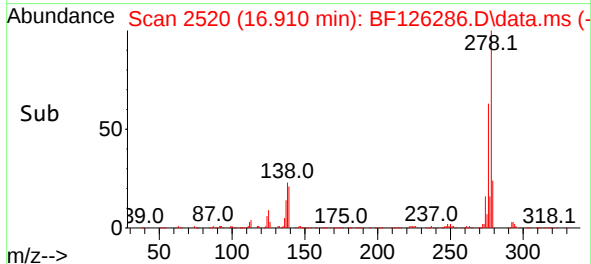
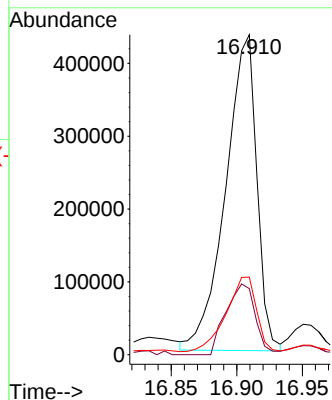
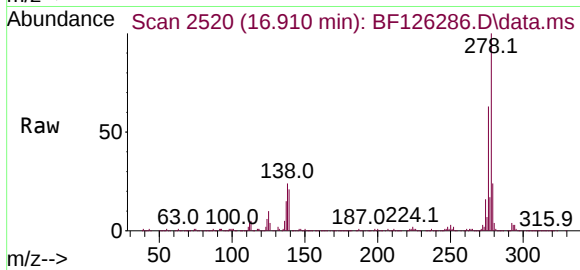




#91
 Dibenzo(a,h)anthracene
 Concen: 50.957 ng
 RT: 16.910 min Scan# 2520
 Delta R.T. 0.053 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Instrument :
 BNA_F
 ClientSampleId :
 BB4MSD

Tgt Ion:278 Resp: 717270
 Ion Ratio Lower Upper
 278 100
 139 20.6 14.9 22.3
 279 24.2 19.7 29.5



#92
 Benzo(g,h,i)perylene
 Concen: 71.123 ng
 RT: 17.327 min Scan# 2591
 Delta R.T. 0.059 min
 Lab File: BF126286.D
 Acq: 20 Dec 2021 19:18

Tgt Ion:276 Resp: 1035807
 Ion Ratio Lower Upper
 276 100
 277 24.3 22.0 33.0
 138 30.6 22.2 33.4

