

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126952.D
 Acq On : 18 Feb 2022 14:50
 Operator : CG\JU
 Sample : N1582-02DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWDL

Quant Time: Feb 18 16:18:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	100785	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	411649	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	205894	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	348067	20.000	ng	# 0.00
76) Chrysene-d12	14.109	240	154804	20.000	ng	# 0.00
86) Perylene-d12	15.615	264	174398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	2342	0.359	ng	0.02
7) Phenol-d6	6.551	99	3776	0.429	ng	0.00
23) Nitrobenzene-d5	7.486	82	65581	7.191	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	2136	0.901	ng	-0.01
45) 2-Fluorobiphenyl	9.286	172	99332	7.102	ng	0.00
79) Terphenyl-d14	13.045	244	96776	9.190	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.793	79	131	0.017	ng	# 23
4) n-Nitrosodimethylamine	3.463	42	947	0.247	ng	# 1
6) Aniline	6.563	93	157	0.015	ng	# 1
8) 2-Chlorophenol	6.675	128	569	0.081	ng	# 30
9) Benzaldehyde	6.481	77	461	0.086	ng	# 81
10) Phenol	6.563	94	1197	0.135	ng	# 73
11) bis(2-Chloroethyl)ether	6.734	93	142	0.020	ng	# 19
15) Benzyl Alcohol	7.069	79	1367	0.184	ng	# 82
16) 2,2'-oxybis(1-Chloropr...	7.304	45	10070	0.917	ng	# 90
17) 2-Methylphenol	7.110	107	117	0.019	ng	# 1
18) Hexachloroethane	7.539	117	55	0.019	ng	# 8
20) 3+4-Methylphenols	7.328	107	144	0.018	ng	# 1
22) Acetophenone	7.333	105	693	0.064	ng	# 46
24) Nitrobenzene	7.533	77	3140	0.364	ng	# 11
25) Isophorone	7.539	82	5100	0.338	ng	# 72
26) 2-Nitrophenol	7.851	139	118	0.032	ng	# 1
27) 2,4-Dimethylphenol	7.933	122	297	0.049	ng	# 4
28) bis(2-Chloroethoxy)met...	7.986	93	285	0.031	ng	# 1
31) Naphthalene	8.233	128	122	0.006	ng	# 69
32) Benzoic acid	7.933	122	297	0.069	ng	# 1
33) 4-Chloroaniline	8.357	127	848	0.100	ng	# 66
35) Caprolactam	8.633	113	491	0.248	ng	# 1
36) 4-Chloro-3-methylphenol	8.745	107	122	0.017	ng	# 23
37) 2-Methylnaphthalene	8.939	142	78	0.006	ng	# 1
38) 1-Methylnaphthalene	8.939	142	78	0.006	ng	# 1
43) 2,4,6-Trichlorophenol	9.292	196	55	0.014	ng	# 11
44) 2,4,5-Trichlorophenol	9.292	196	55	0.013	ng	# 1
46) 1,1'-Biphenyl	9.380	154	347	0.021	ng	# 44
47) 2-Chloronaphthalene	9.404	162	60	0.005	ng	# 37
48) 2-Nitroaniline	9.516	65	413	0.087	ng	# 9
49) Acenaphthylene	9.822	152	122	0.006	ng	# 4
52) Acenaphthene	9.969	154	1244	0.097	ng	# 6
53) 3-Nitroaniline	9.886	138	629	0.172	ng	# 1
54) 2,4-Dinitrophenol	10.004	184	59	0.037	ng	# 11
55) Dibenzofuran	10.163	168	385	0.022	ng	# 30
56) 4-Nitrophenol	10.080	139	395	0.146	ng	# 45

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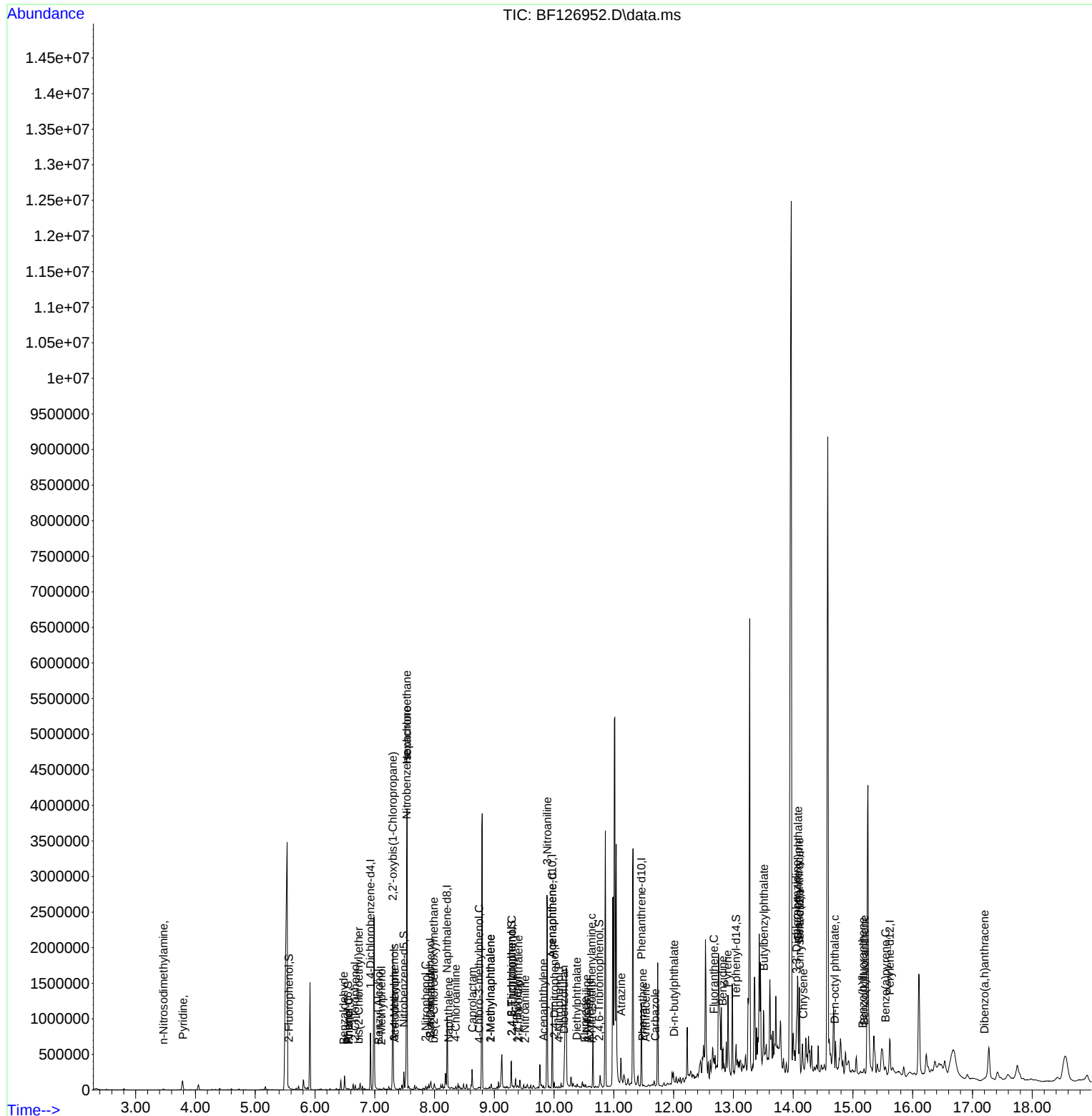
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) Fluorene	10.516	166	295	0.022	ng	# 84
60) Diethylphthalate	10.380	149	1913	0.124	ng	# 87
62) 4-Nitroaniline	10.545	138	56	0.015	ng	# 20
63) Azobenzene	10.592	77	1343	0.078	ng	# 80
66) n-Nitrosodiphenylamine	10.627	169	134	0.012	ng	# 24
69) Atrazine	11.121	200	142	0.040	ng	# 38
71) Phenanthrene	11.480	178	905	0.046	ng	# 95
72) Anthracene	11.533	178	491	0.025	ng	# 54
73) Carbazole	11.692	167	674	0.038	ng	# 49
74) Di-n-butylphthalate	12.010	149	1800	0.079	ng	# 79
75) Fluoranthene	12.674	202	466	0.025	ng	# 1
77) Benzidine	12.821	184	173	0.041	ng	# 1
78) Pyrene	12.904	202	267	0.020	ng	# 7
80) Butylbenzylphthalate	13.510	149	325	0.051	ng	# 1
81) Benzo(a)anthracene	14.104	228	1009	0.097	ng	# 20
82) 3,3'-Dichlorobenzidine	14.057	252	1621	0.493	ng	# 1
83) Chrysene	14.168	228	371	0.038	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.080	149	2499	0.299	ng	# 1
85) Di-n-octyl phthalate	14.698	149	702	0.058	ng	# 1
88) Benzo(b)fluoranthene	15.162	252	464	0.040	ng	# 1
89) Benzo(k)fluoranthene	15.192	252	417	0.037	ng	# 1
90) Benzo(a)pyrene	15.545	252	401	0.044	ng	# 1
91) Dibenzo(a,h)anthracene	17.203	278	76	0.008	ng	# 1

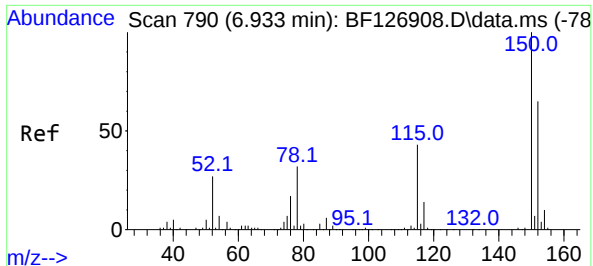
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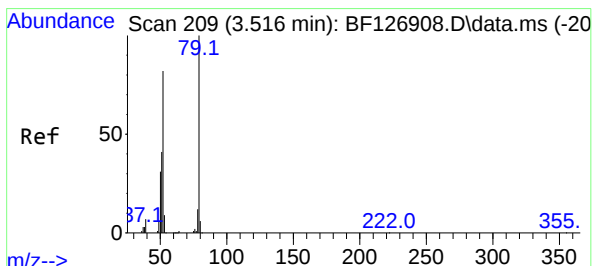
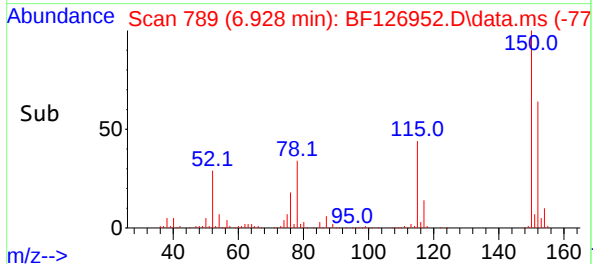
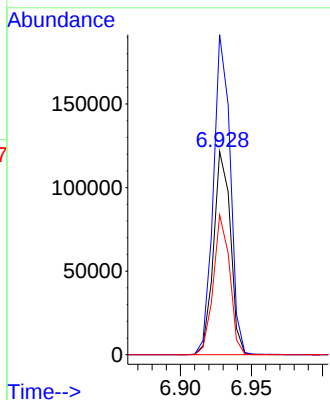
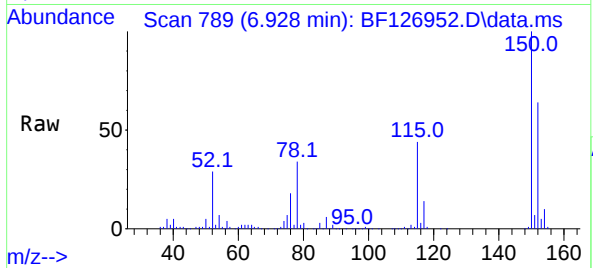




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

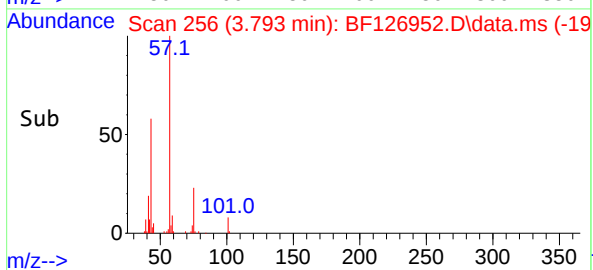
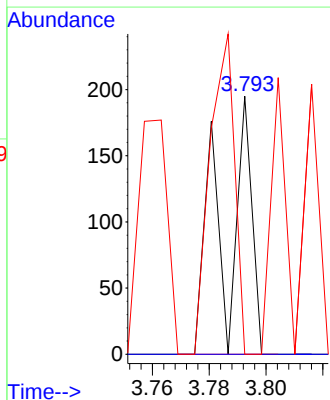
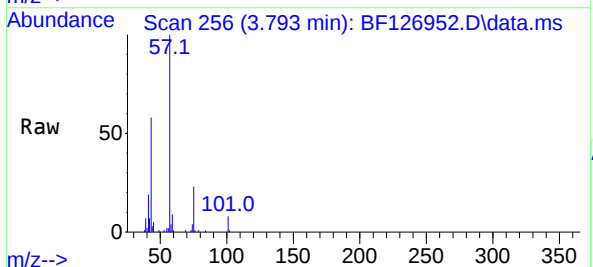
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ClientSampleId :
EFF-WWDL

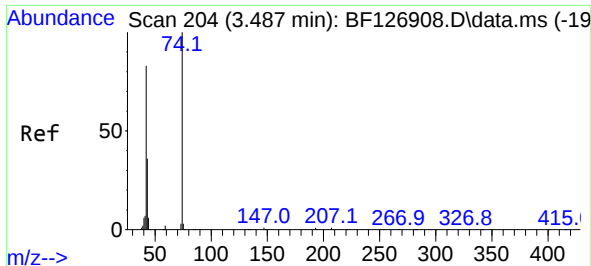
Tgt Ion:152 Resp: 100785
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 68.8 56.7 85.1



#3
Pyridine
Concen: 0.017 ng
RT: 3.793 min Scan# 256
Delta R.T. 0.276 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 79 Resp: 131
Ion Ratio Lower Upper
79 100
52 0.0 56.2 84.4#
51 0.0 26.7 40.1#

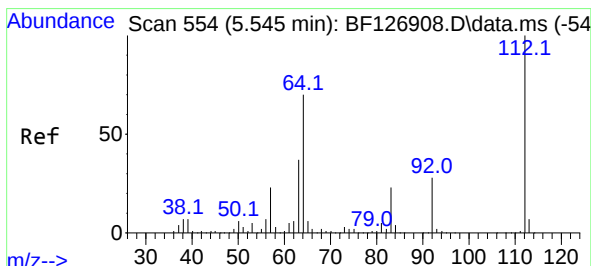
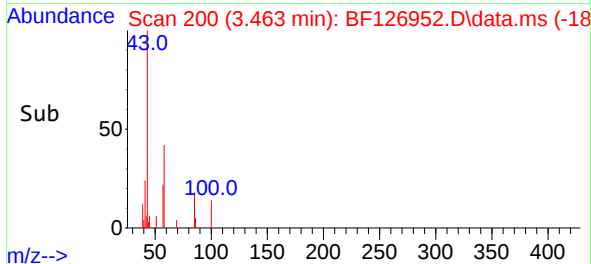
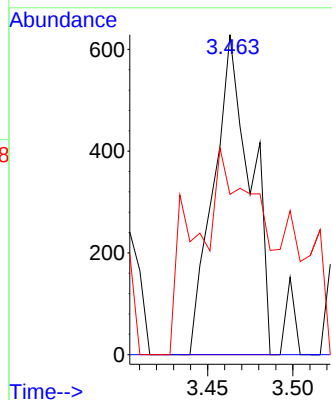
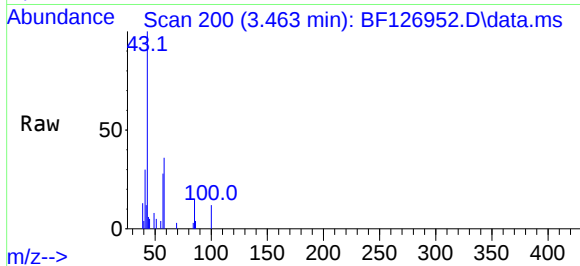




#4
n-Nitrosodimethylamine
Concen: 0.247 ng
RT: 3.463 min Scan# 204
Delta R.T. -0.024 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

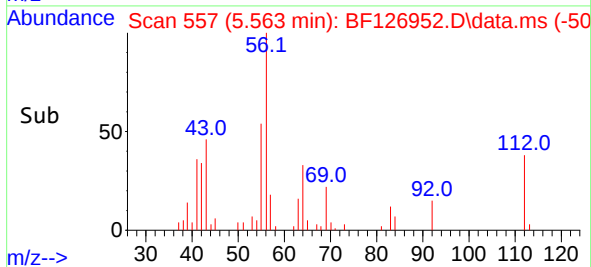
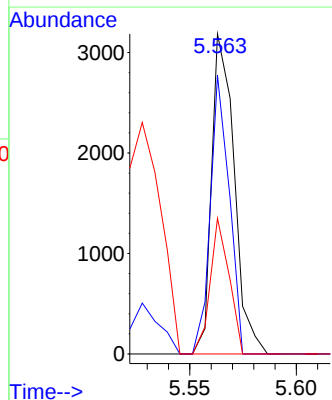
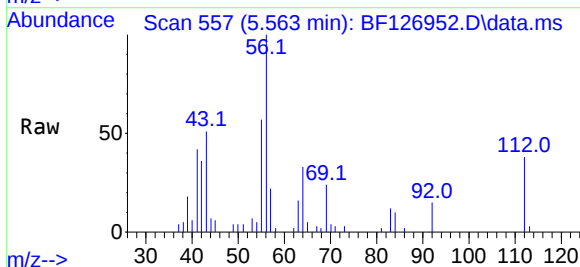
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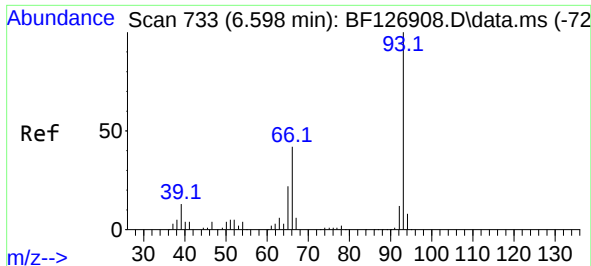
Tgt Ion: 42 Resp: 947
Ion Ratio Lower Upper
42 100
74 0.0 125.6 188.4#
44 50.1 5.7 8.5#



#5
2-Fluorophenol
Concen: 0.359 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.018 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 112 Resp: 2342
Ion Ratio Lower Upper
112 100
64 87.1 49.5 74.3#
63 42.4 23.9 35.9#

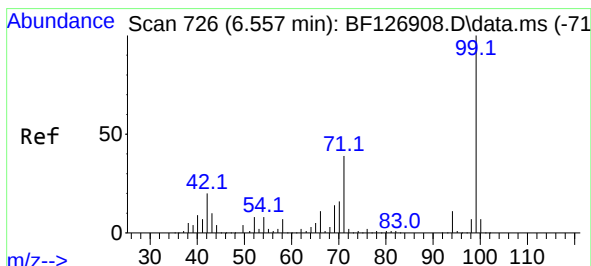
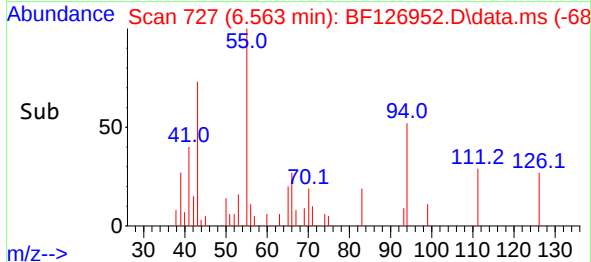
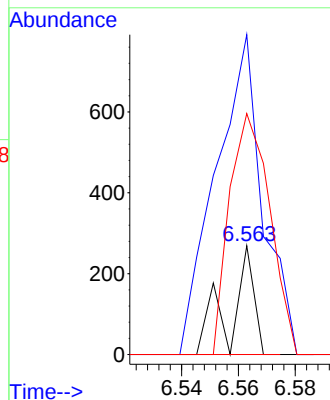
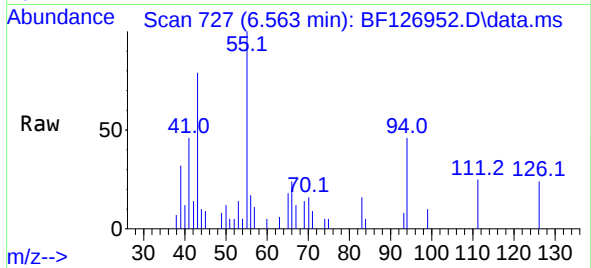




#6
Aniline
Concen: 0.015 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.035 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

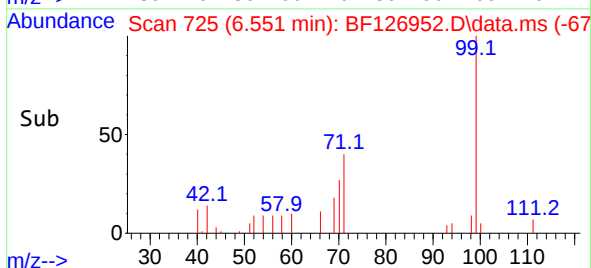
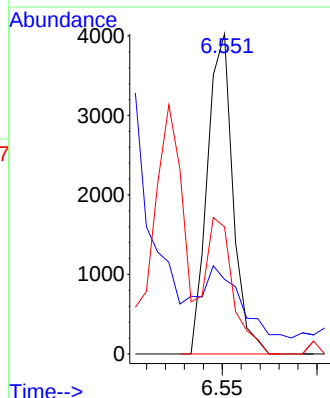
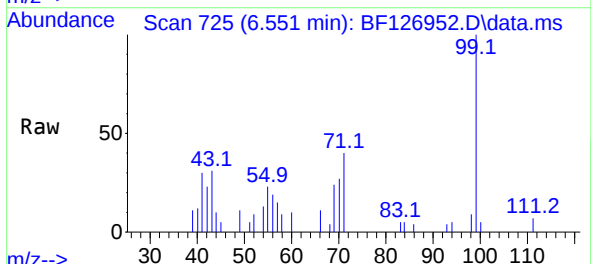
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

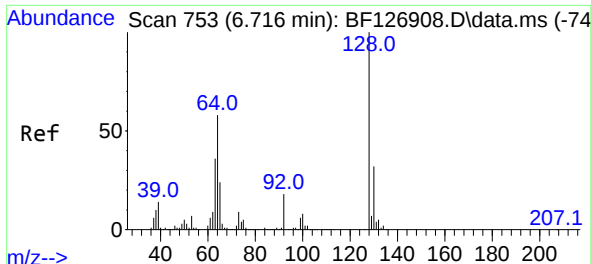
Tgt Ion: 93 Resp: 157
Ion Ratio Lower Upper
93 100
66 294.1 32.2 48.4#
65 221.6 16.3 24.5#



#7
Phenol-d6
Concen: 0.429 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 99 Resp: 3776
Ion Ratio Lower Upper
99 100
42 23.3 14.2 21.4#
71 39.7 24.3 36.5#

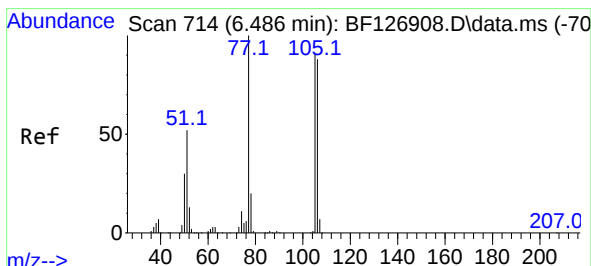
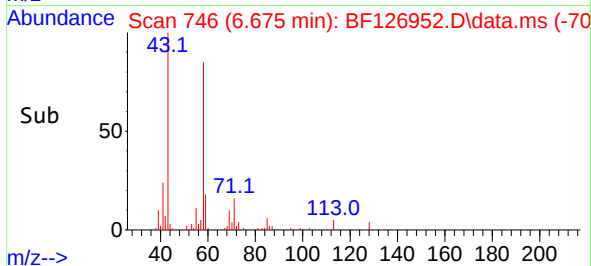
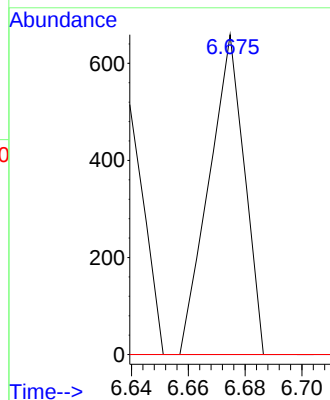
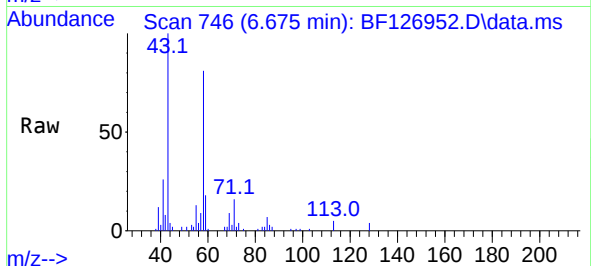




#8
2-Chlorophenol
Concen: 0.081 ng
RT: 6.675 min Scan# 74
Delta R.T. -0.041 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

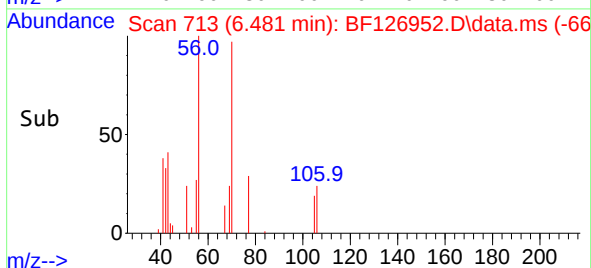
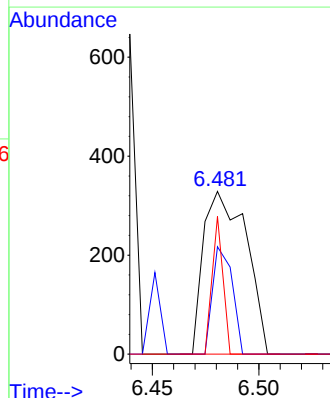
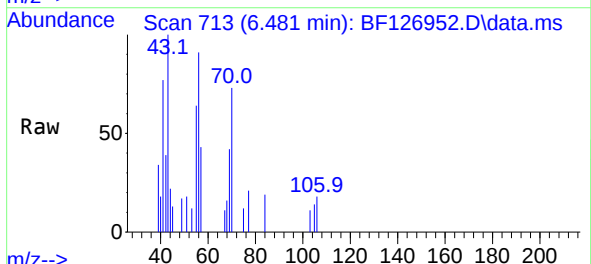
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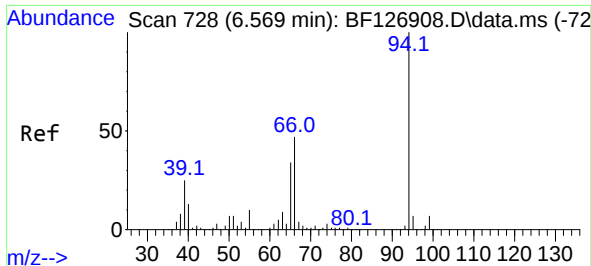
Tgt Ion:128 Resp: 569
Ion Ratio Lower Upper
128 100
130 0.0 12.7 52.7#
64 0.0 35.6 75.6#



#9
Benzaldehyde
Concen: 0.086 ng
RT: 6.481 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 77 Resp: 461
Ion Ratio Lower Upper
77 100
105 66.0 74.9 114.9#
106 84.5 72.4 112.4

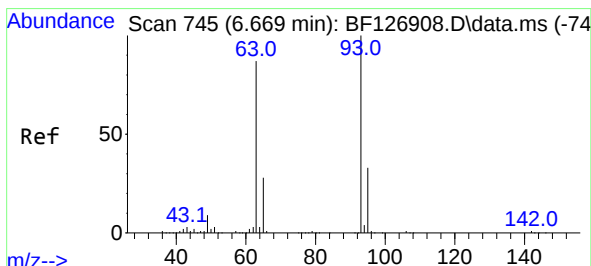
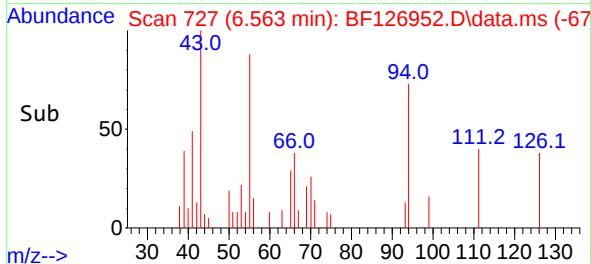
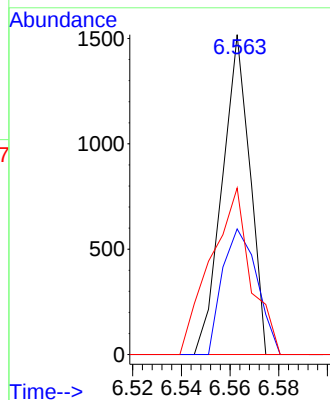
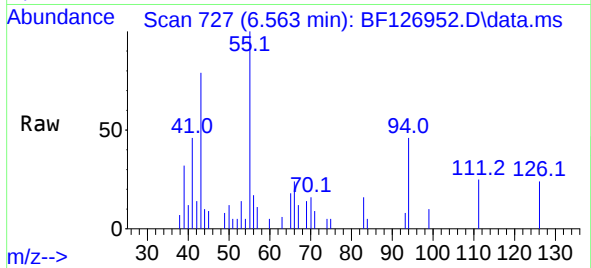




#10
Phenol
Concen: 0.135 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

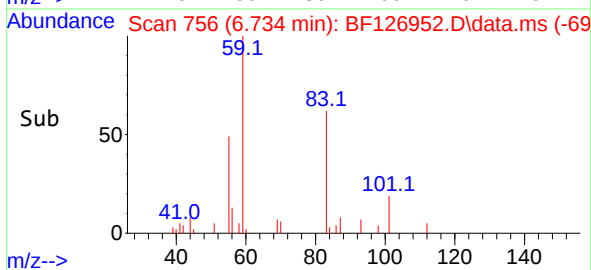
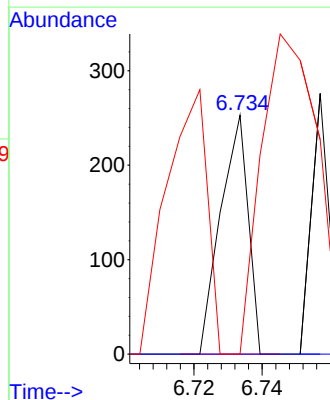
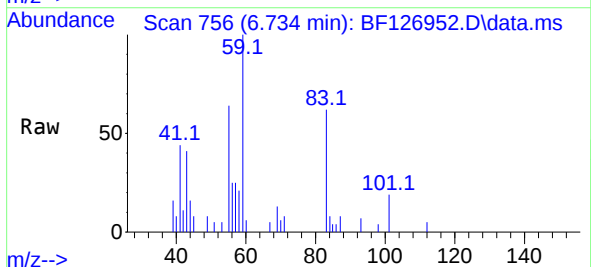
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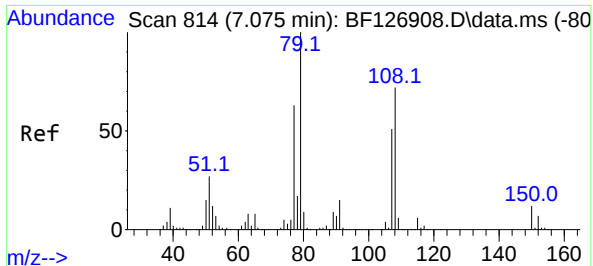
Tgt Ion: 94 Resp: 1197
Ion Ratio Lower Upper
94 100
65 39.3 7.2 47.2
66 52.1 14.5 54.5



#11
bis(2-Chloroethyl)ether
Concen: 0.020 ng
RT: 6.734 min Scan# 756
Delta R.T. 0.065 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 93 Resp: 142
Ion Ratio Lower Upper
93 100
63 0.0 60.5 100.5#
95 0.0 12.9 52.9#

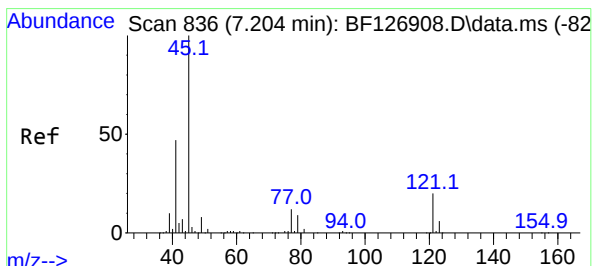
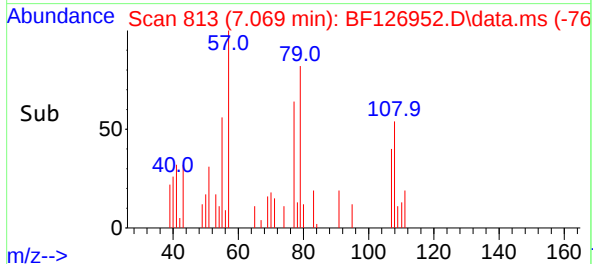
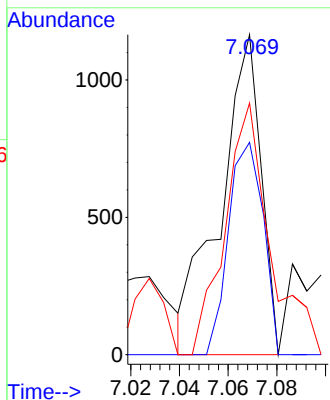
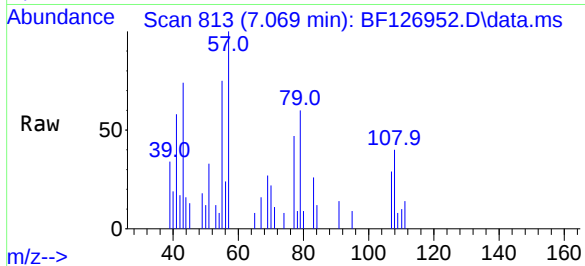




#15
Benzyl Alcohol
Concen: 0.184 ng
RT: 7.069 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

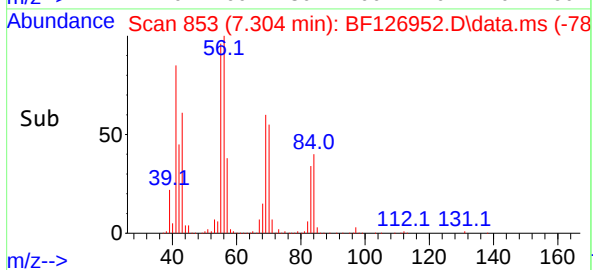
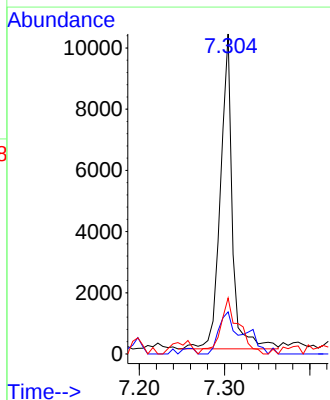
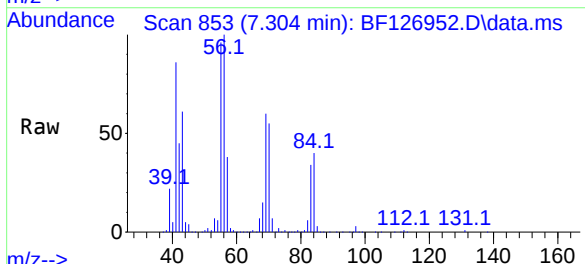
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

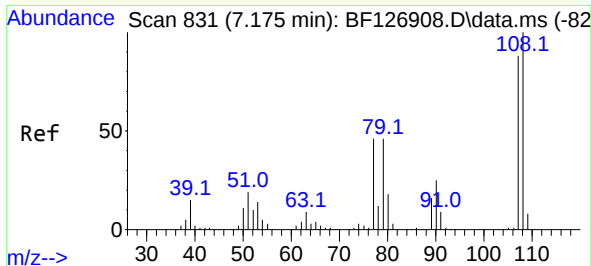
Tgt Ion: 79 Resp: 1367
Ion Ratio Lower Upper
79 100
108 66.4 63.2 94.8
77 78.6 49.4 74.2#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.917 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.100 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 45 Resp: 10070
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.4
79 17.5 0.0 29.8

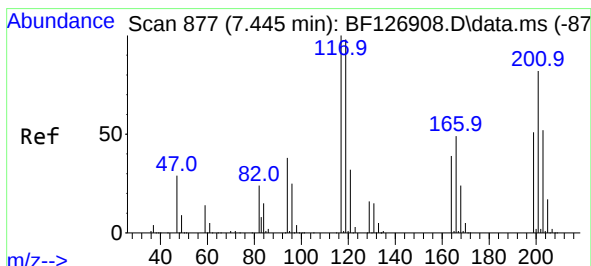
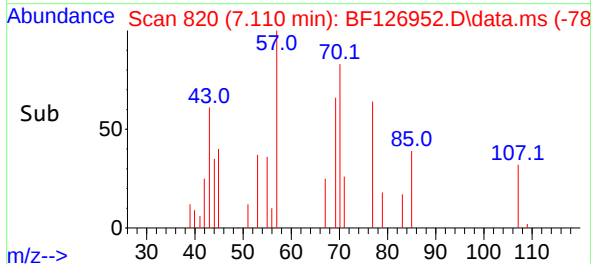
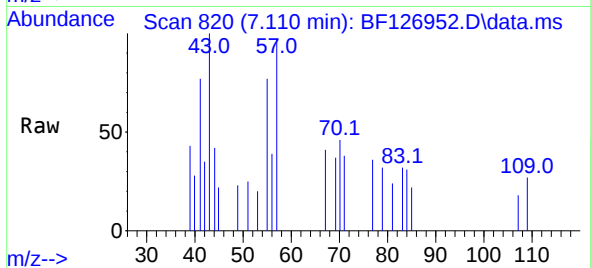




#17
2-Methylphenol
Concen: 0.019 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.065 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

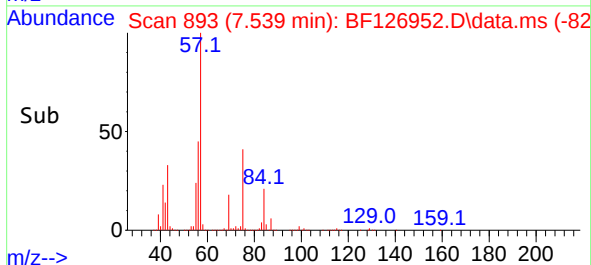
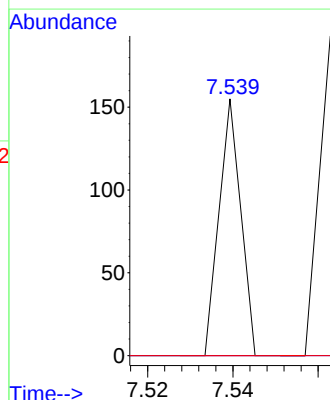
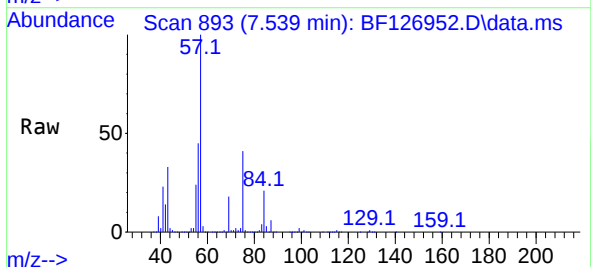
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

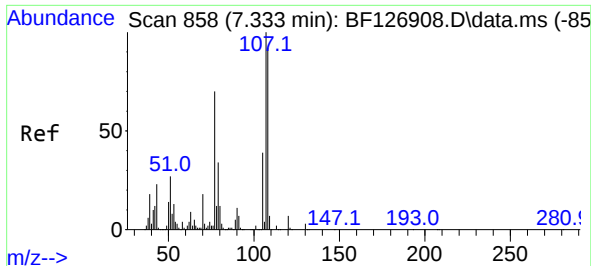
Tgt Ion:	107	Resp:	117
Ion	Ratio	Lower	Upper
107	100		
108	0.0	93.4	140.0#
77	200.0	36.1	54.1#
79	177.8	34.9	52.3#



#18
Hexachloroethane
Concen: 0.019 ng
RT: 7.539 min Scan# 893
Delta R.T. 0.094 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:	117	Resp:	55
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
201	0.0	56.8	85.2#

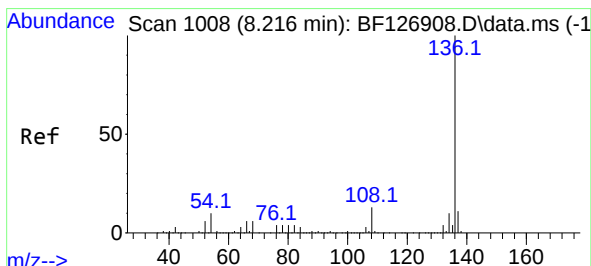
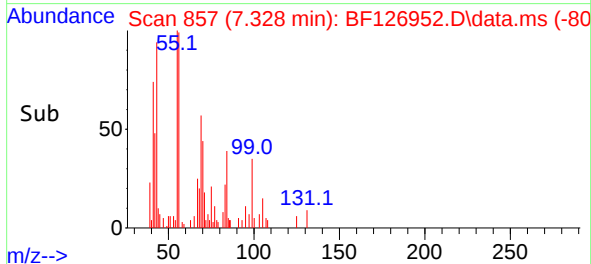
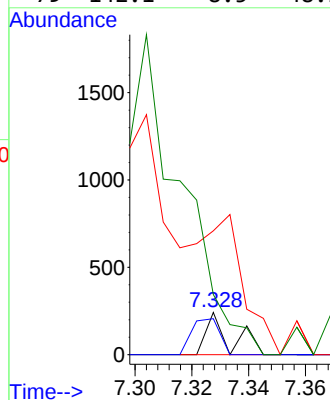
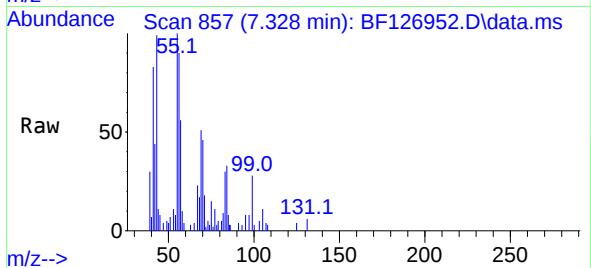




#20
3+4-Methylphenols
Concen: 0.018 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

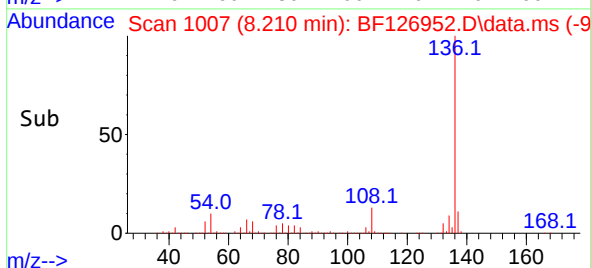
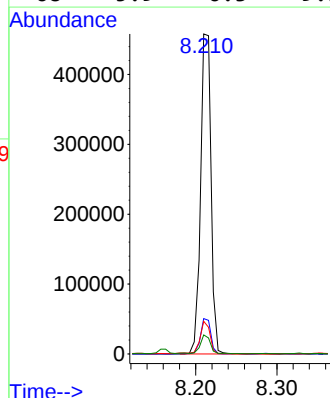
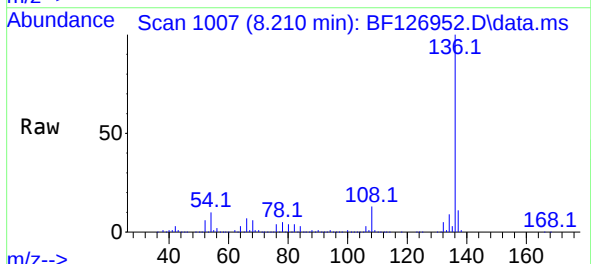
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

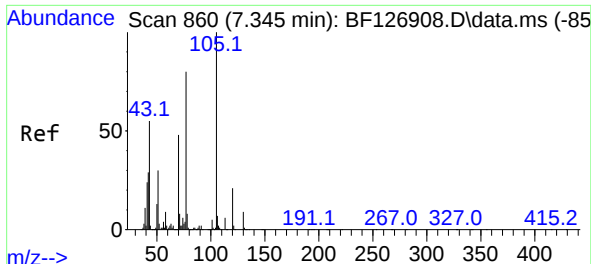
Tgt Ion:107	Resp:	144
Ion	Ratio	Lower Upper
107	100	
108	85.1	72.4 112.4
77	293.0	83.8 123.8#
79	142.1	8.5 48.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:136	Resp:	411649
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	10.2	7.8 11.6
68	5.9	6.3 9.5#



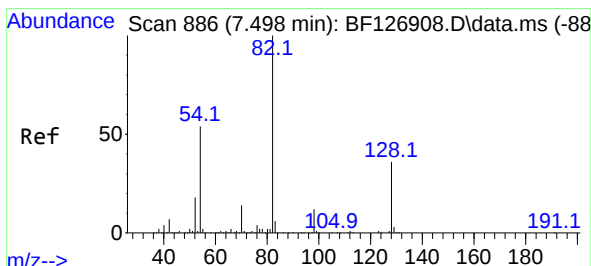
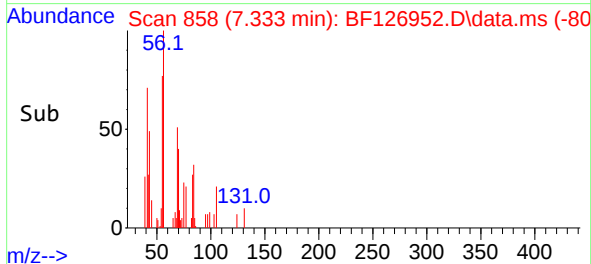
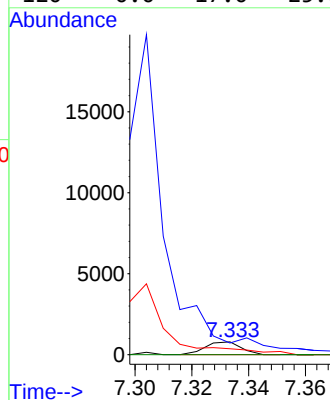
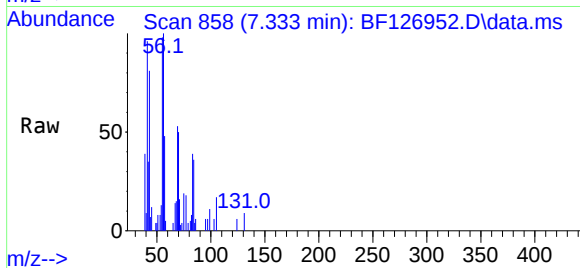


#22
Acetophenone
Concen: 0.064 ng
RT: 7.333 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

Tgt Ion:105 Resp: 693

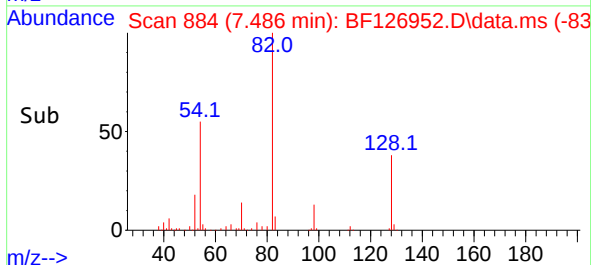
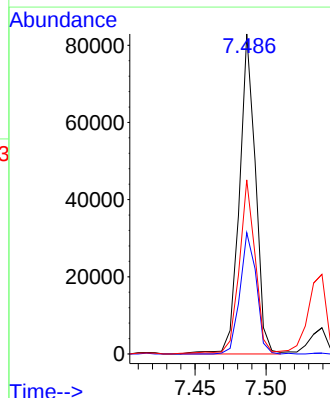
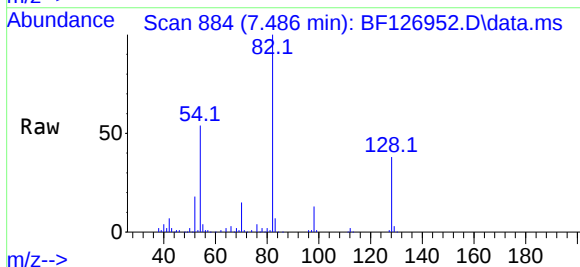
Ion	Ratio	Lower	Upper
105	100		
71	91.1	5.4	8.0#
51	46.5	27.4	41.0#
120	0.0	17.0	25.6#

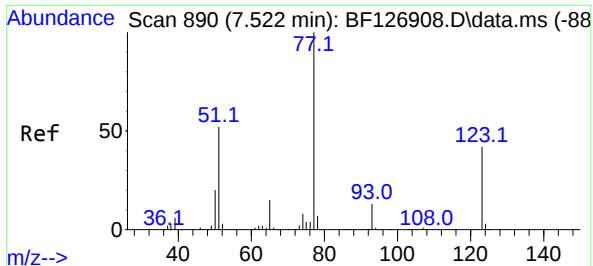


#23
Nitrobenzene-d5
Concen: 7.191 ng
RT: 7.486 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 82 Resp: 65581

Ion	Ratio	Lower	Upper
82	100		
128	37.9	32.7	49.1
54	54.4	41.7	62.5

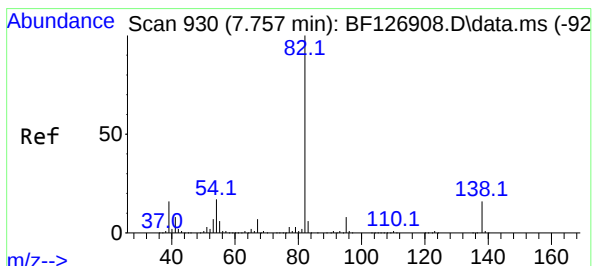
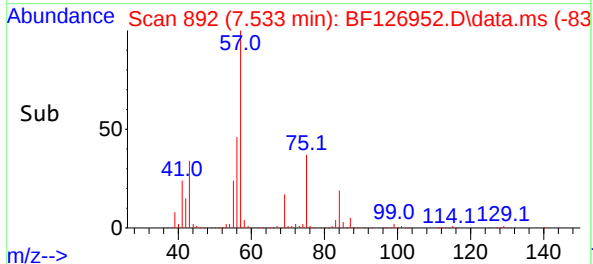
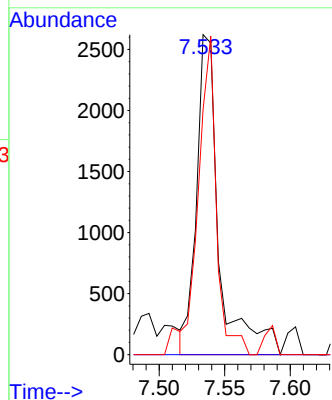
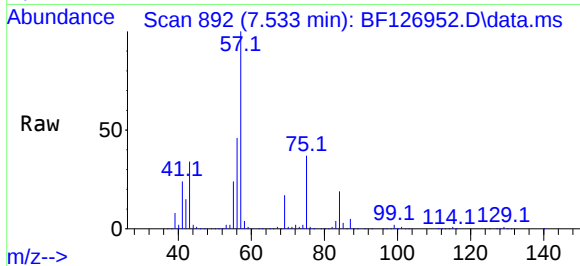




#24
Nitrobenzene
Concen: 0.364 ng
RT: 7.533 min Scan# 890
Delta R.T. 0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

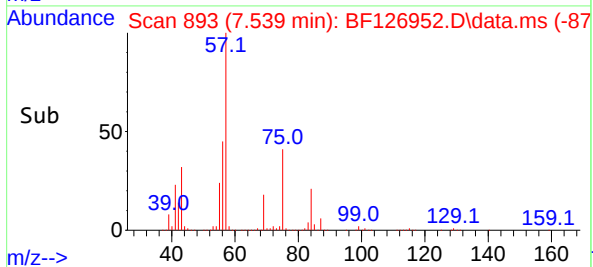
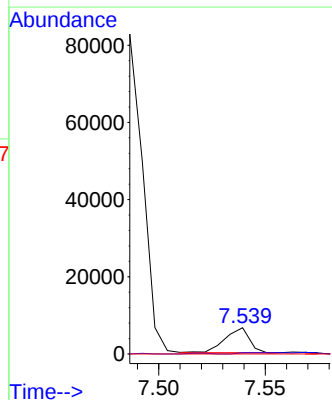
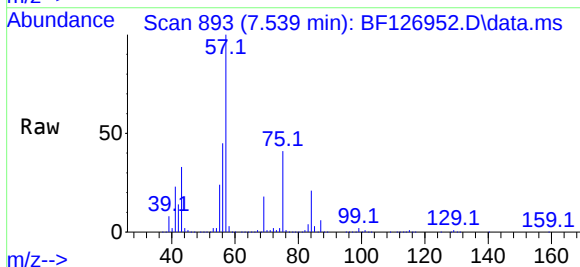
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

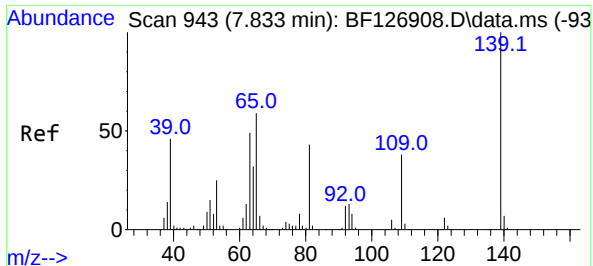
Tgt Ion: 77 Resp: 3140
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 76.6 10.6 15.8#



#25
Isophorone
Concen: 0.338 ng
RT: 7.539 min Scan# 893
Delta R.T. -0.218 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 82 Resp: 5100
Ion Ratio Lower Upper
82 100
95 4.6 5.0 7.4#
138 0.0 12.3 18.5#

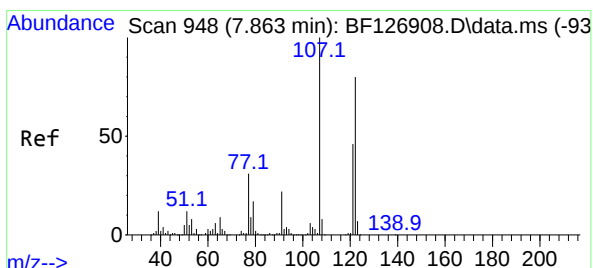
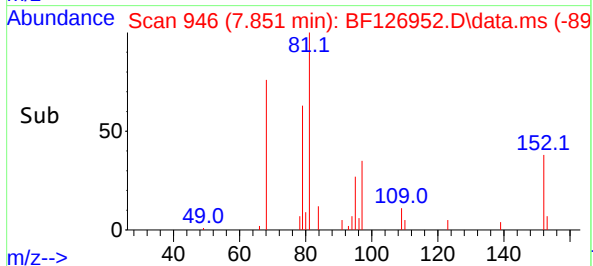
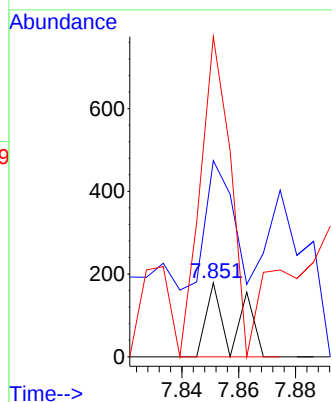
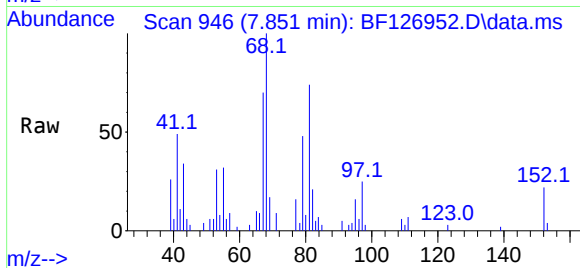




#26
2-Nitrophenol
Concen: 0.032 ng
RT: 7.851 min Scan# 94
Delta R.T. 0.018 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

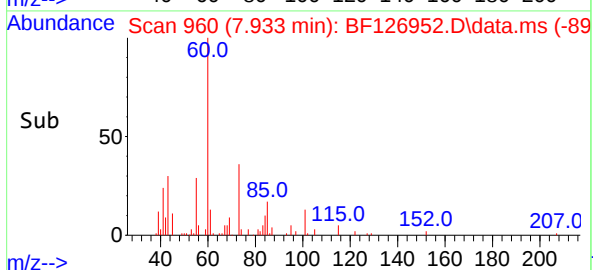
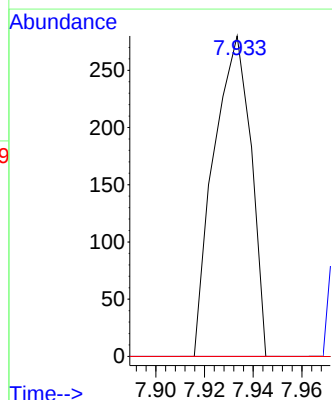
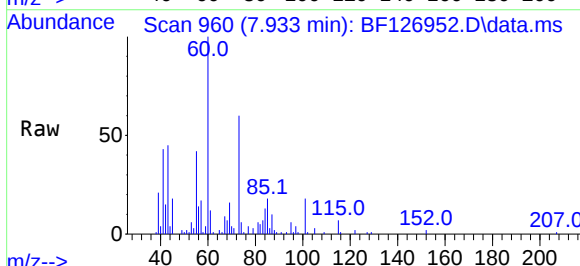
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

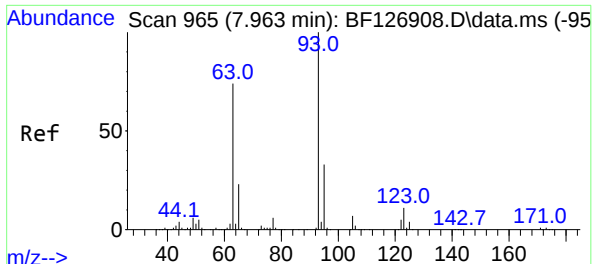
Tgt Ion:	139	Resp:	118
Ion	Ratio	Lower	Upper
139	100		
109	264.8	20.0	30.0#
65	432.4	40.8	61.2#



#27
2,4-Dimethylphenol
Concen: 0.049 ng
RT: 7.933 min Scan# 960
Delta R.T. 0.071 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:	122	Resp:	297
Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	0.0	44.4	66.6#

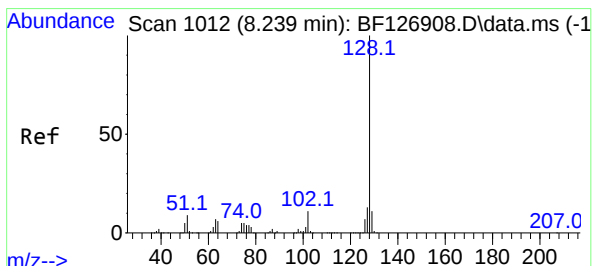
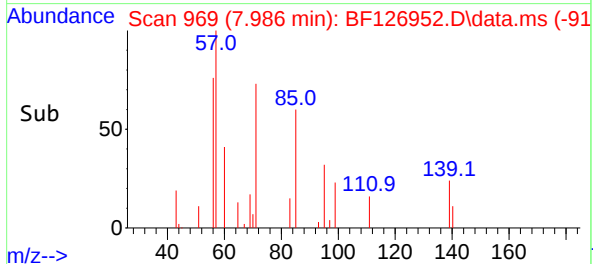
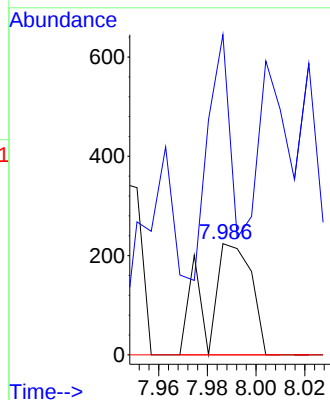
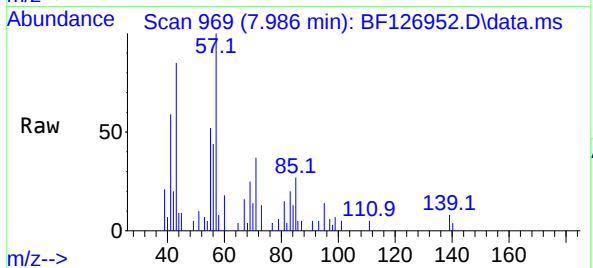




#28
bis(2-Chloroethoxy)methane
Concen: 0.031 ng
RT: 7.986 min Scan# 90
Delta R.T. 0.024 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

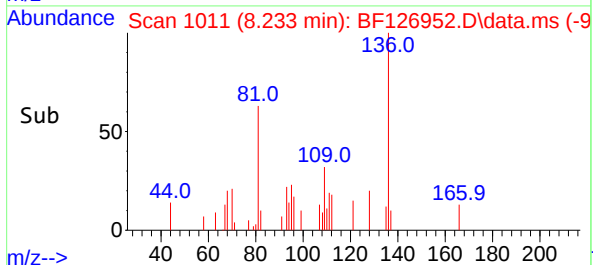
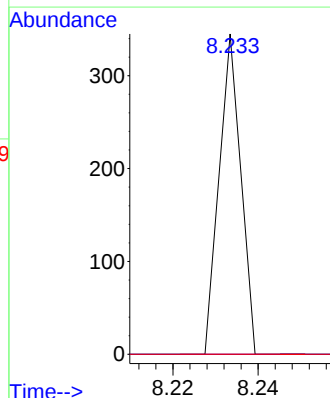
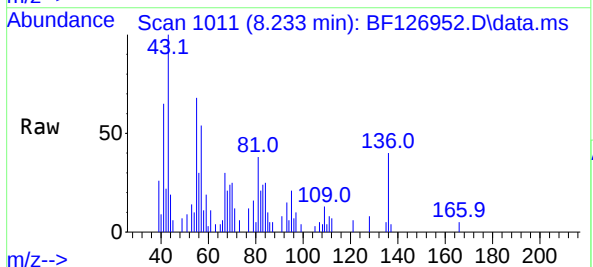
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

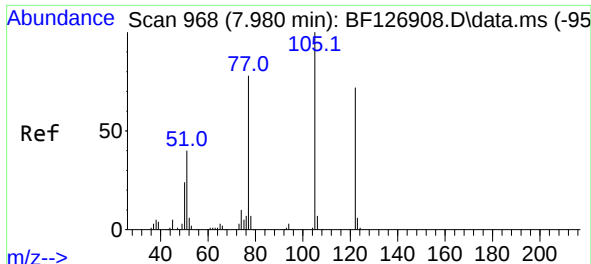
Tgt Ion: 93 Resp: 285
Ion Ratio Lower Upper
93 100
95 287.9 25.4 38.2#
123 0.0 8.9 13.3#



#31
Naphthalene
Concen: 0.006 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion: 128 Resp: 122
Ion Ratio Lower Upper
128 100
129 0.0 8.6 13.0#
127 0.0 10.3 15.5#

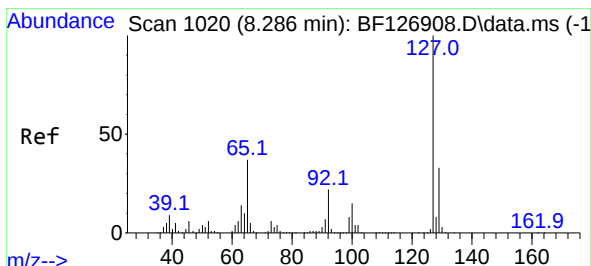
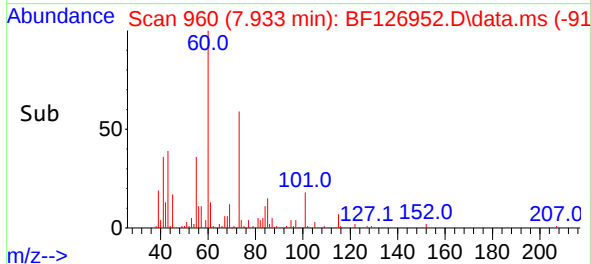
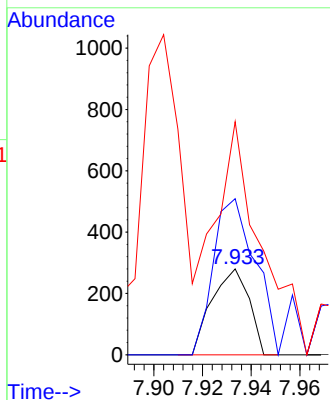
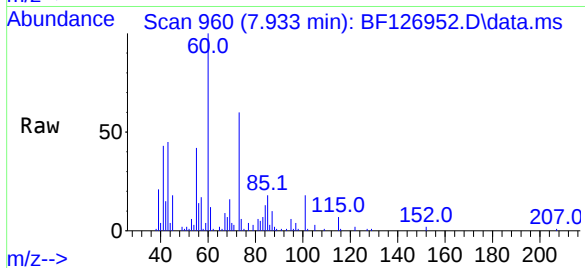




#32
Benzoic acid
Concen: 0.069 ng
RT: 7.933 min Scan# 90
Delta R.T. -0.047 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

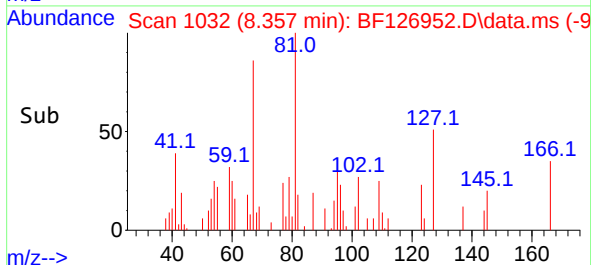
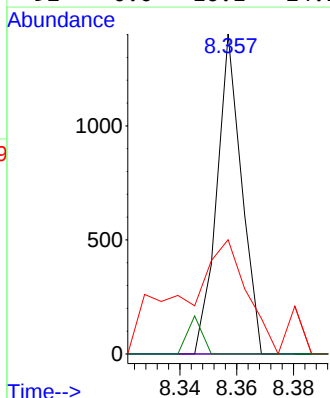
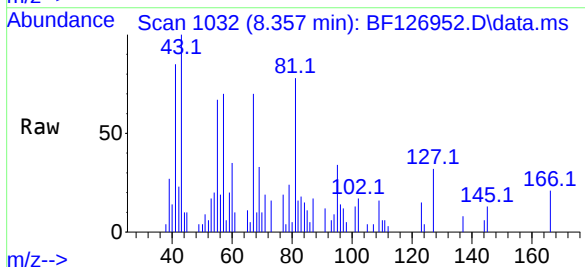
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

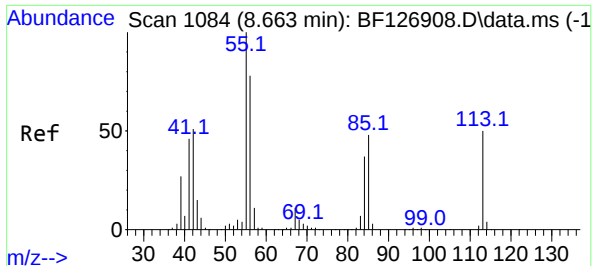
Tgt Ion:122 Resp: 297
Ion Ratio Lower Upper
122 100
105 181.8 101.0 141.0#
77 271.4 74.5 114.5#



#33
4-Chloroaniline
Concen: 0.100 ng
RT: 8.357 min Scan# 1032
Delta R.T. 0.071 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:127 Resp: 848
Ion Ratio Lower Upper
127 100
129 0.0 26.5 39.7#
65 35.7 26.6 39.8
92 0.0 16.1 24.1#

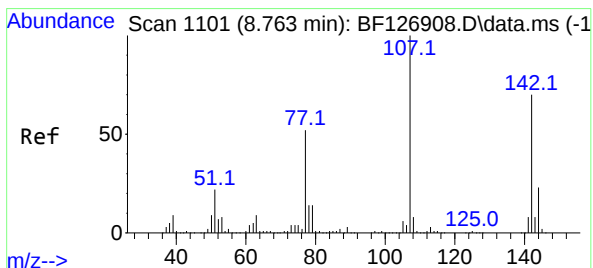
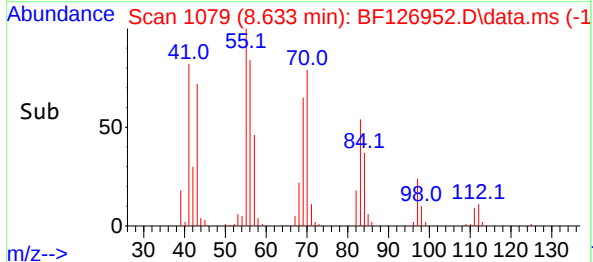
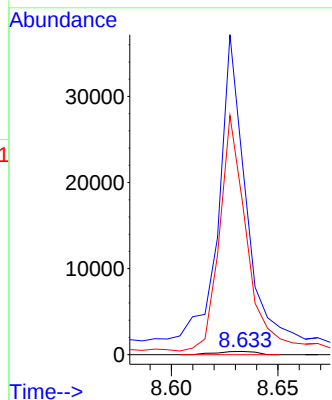
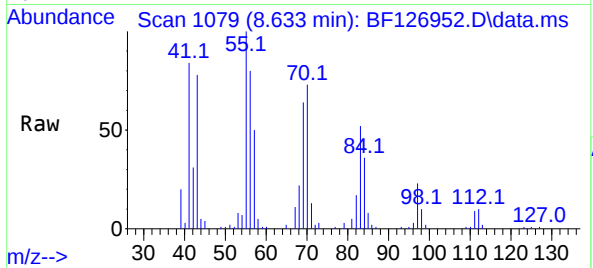




#35
 Caprolactam
 Concen: 0.248 ng
 RT: 8.633 min Scan# 1084
 Delta R.T. -0.029 min
 Lab File: BF126952.D
 Acq: 18 Feb 2022 14:50

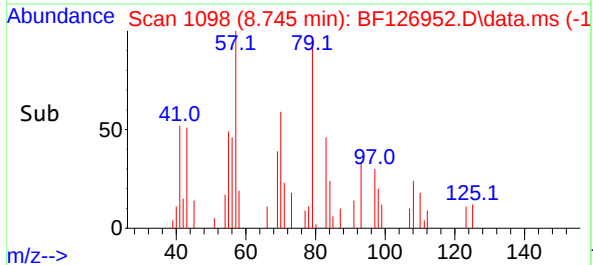
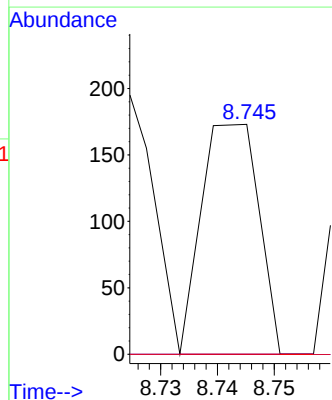
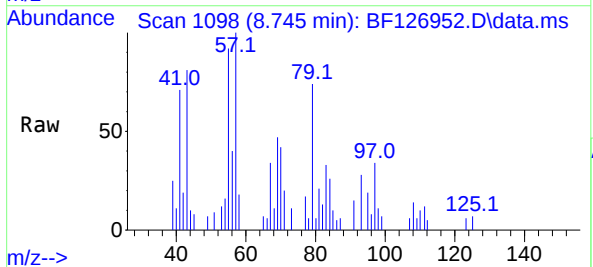
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWDL

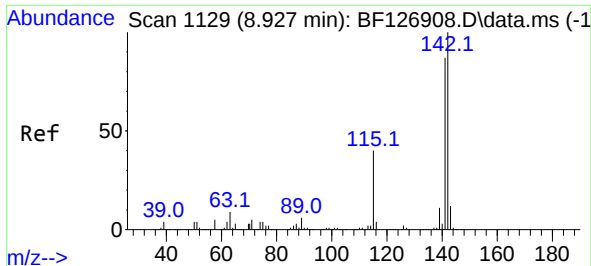
Tgt Ion:113 Resp: 491
 Ion Ratio Lower Upper
 113 100
 55 5814.7 183.9 223.9#
 56 4629.5 129.9 169.9#



#36
 4-Chloro-3-methylphenol
 Concen: 0.017 ng
 RT: 8.745 min Scan# 1098
 Delta R.T. -0.018 min
 Lab File: BF126952.D
 Acq: 18 Feb 2022 14:50

Tgt Ion:107 Resp: 122
 Ion Ratio Lower Upper
 107 100
 144 0.0 18.5 27.7#
 142 0.0 58.1 87.1#





#37

2-Methylnaphthalene

Concen: 0.006 ng

RT: 8.939 min Scan# 1131

Delta R.T. 0.012 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

Instrument :

BNA_F

ClientSampleId :

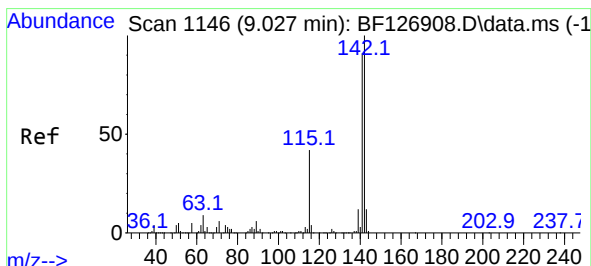
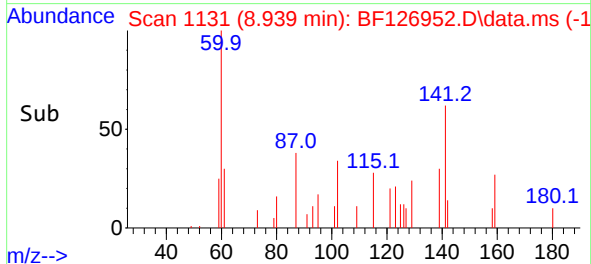
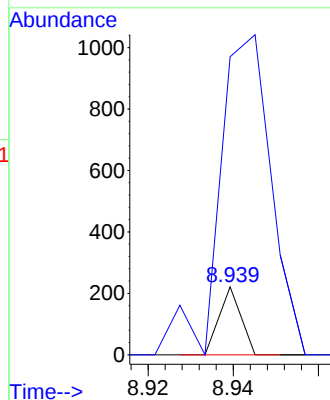
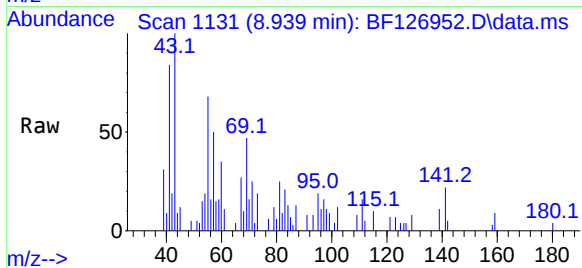
EFF-WWDL

Tgt Ion:142 Resp: 78

Ion Ratio Lower Upper

142 100

141 438.9 68.6 102.8#



#38

1-Methylnaphthalene

Concen: 0.006 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.088 min

Lab File: BF126952.D

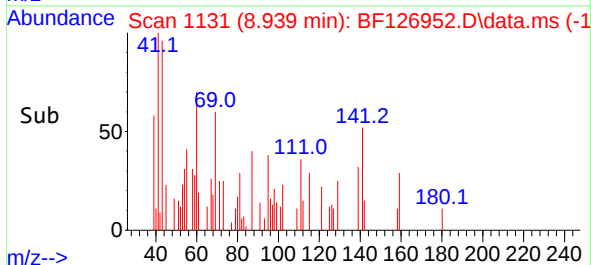
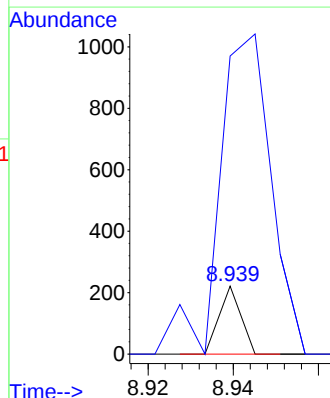
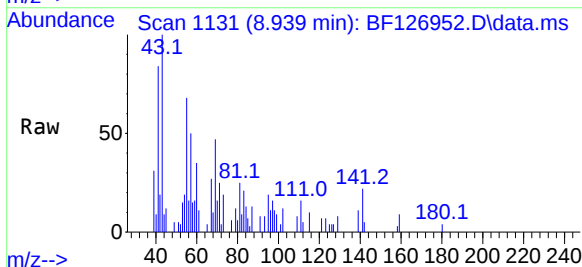
Acq: 18 Feb 2022 14:50

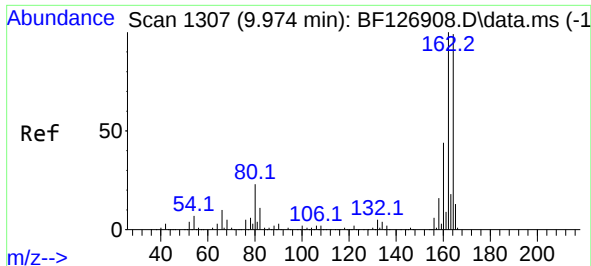
Tgt Ion:142 Resp: 78

Ion Ratio Lower Upper

142 100

141 438.9 72.1 108.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

Instrument :

BNA_F

ClientSampleId :

EFF-WWDL

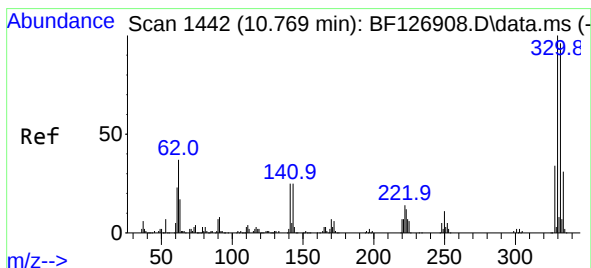
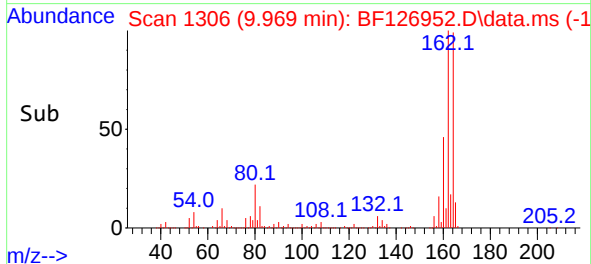
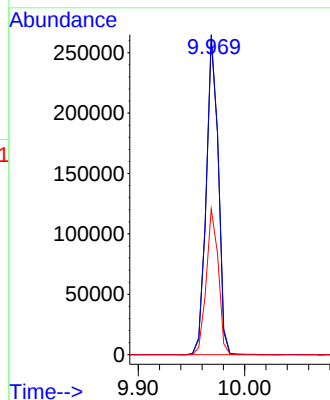
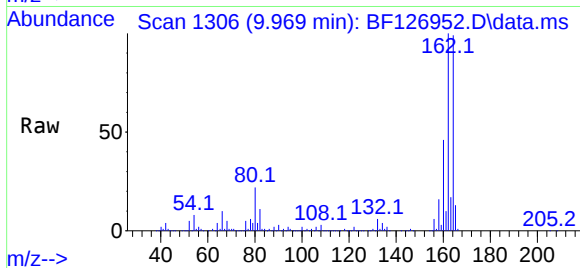
Tgt Ion:164 Resp: 205894

Ion Ratio Lower Upper

164 100

162 101.3 81.4 122.0

160 46.1 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 0.901 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

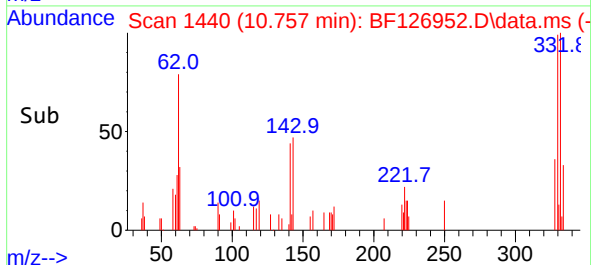
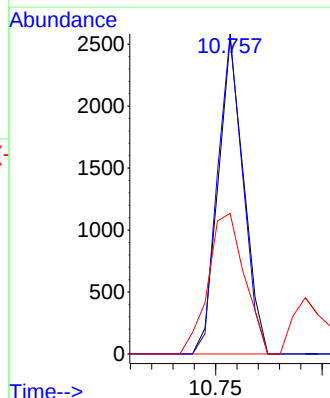
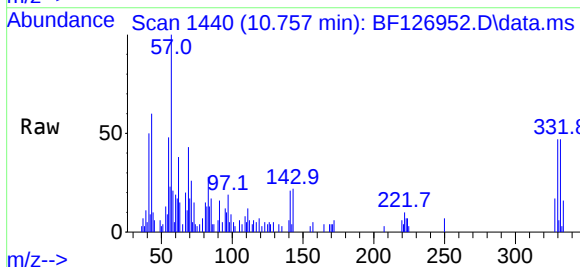
Tgt Ion:330 Resp: 2136

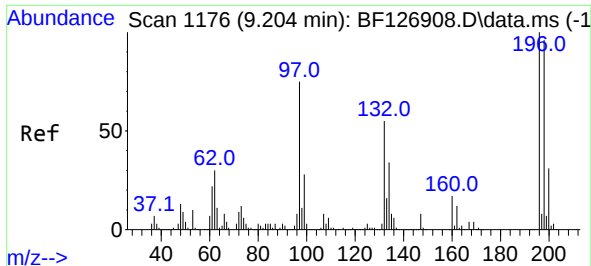
Ion Ratio Lower Upper

330 100

332 99.4 76.0 114.0

141 63.2 30.1 45.1#

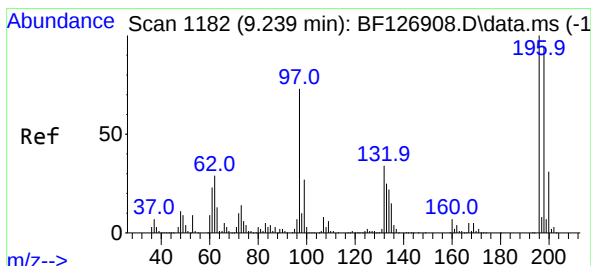
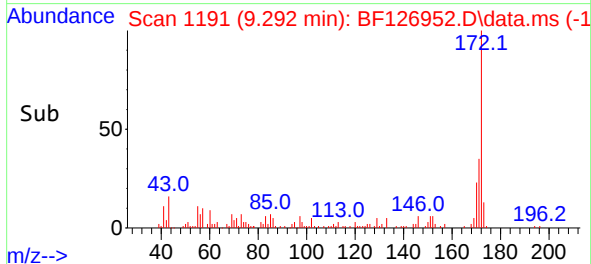
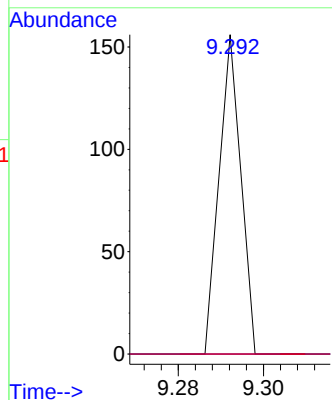
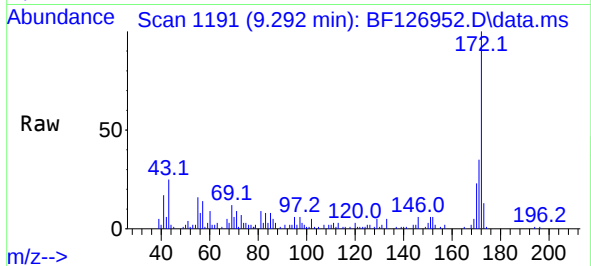




#43
2,4,6-Trichlorophenol
Concen: 0.014 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.088 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

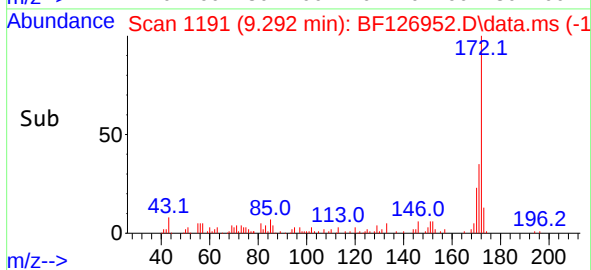
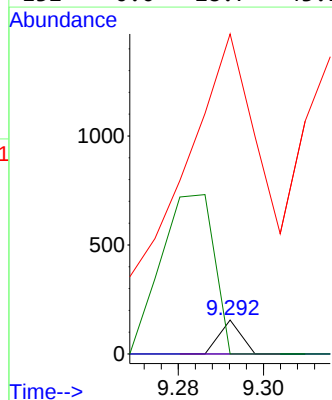
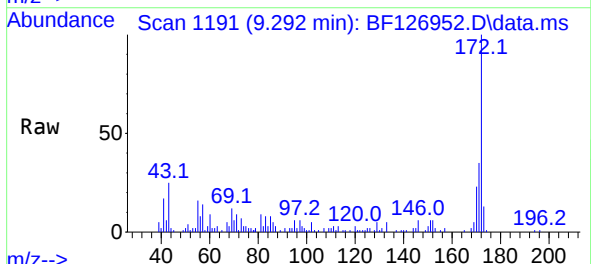
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

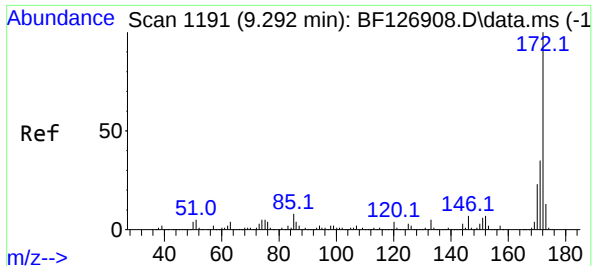
Tgt Ion:196 Resp: 55
Ion Ratio Lower Upper
196 100
198 0.0 78.5 117.7#
200 0.0 24.9 37.3#



#44
2,4,5-Trichlorophenol
Concen: 0.013 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.053 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:196 Resp: 55
Ion Ratio Lower Upper
196 100
198 0.0 82.0 123.0#
97 941.0 53.5 80.3#
132 0.0 28.7 43.1#

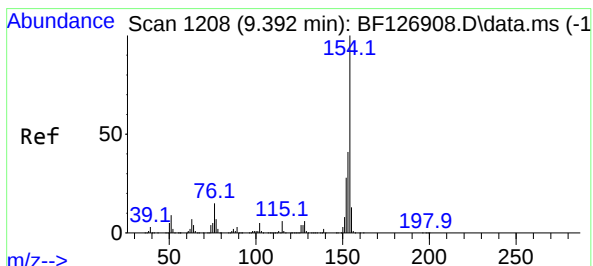
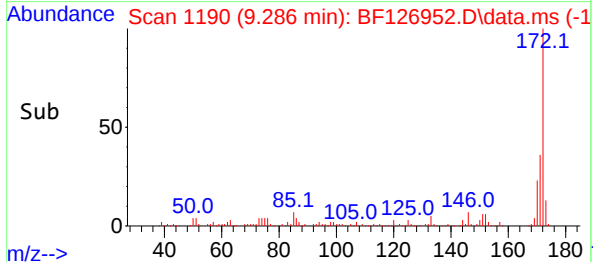
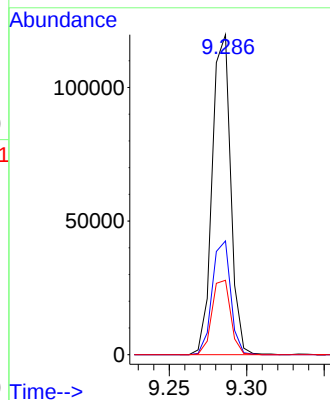
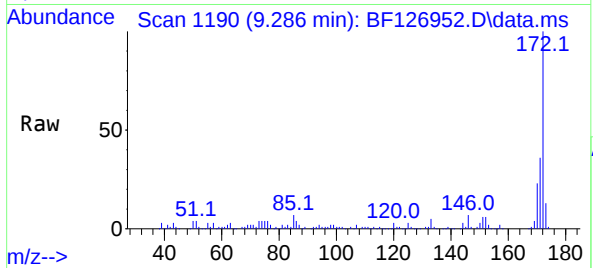




#45
2-Fluorobiphenyl
Concen: 7.102 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

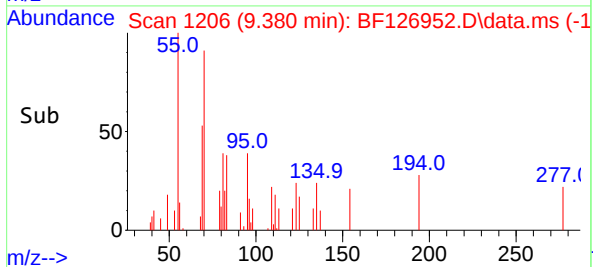
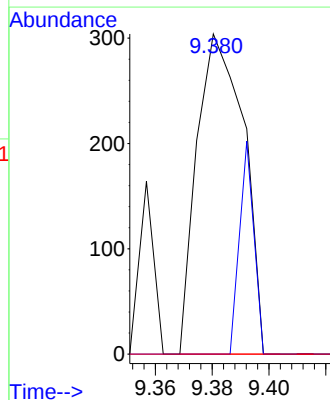
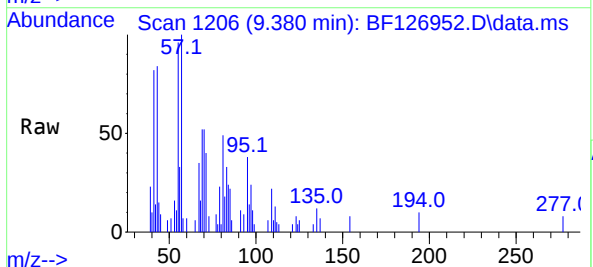
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

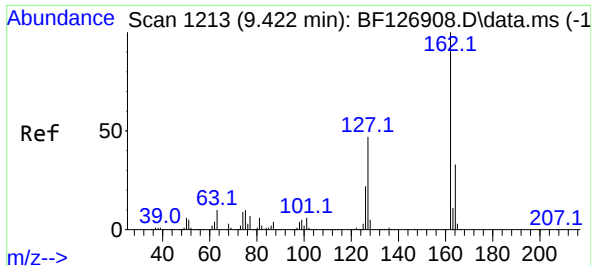
Tgt Ion:172 Resp: 99332
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.2 19.0 28.6



#46
1,1'-Biphenyl
Concen: 0.021 ng
RT: 9.380 min Scan# 1206
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:154 Resp: 347
Ion Ratio Lower Upper
154 100
153 0.0 19.0 59.0#
76 0.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 0.005 ng

RT: 9.404 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

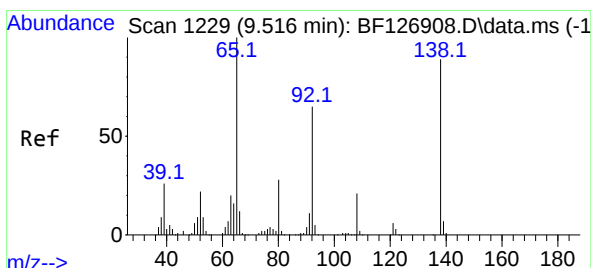
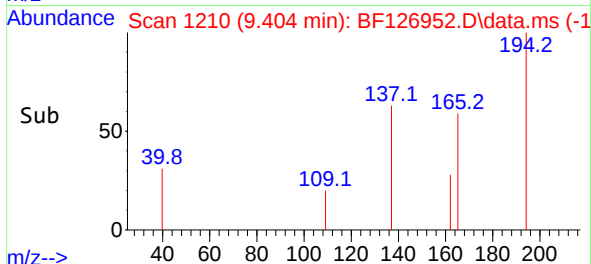
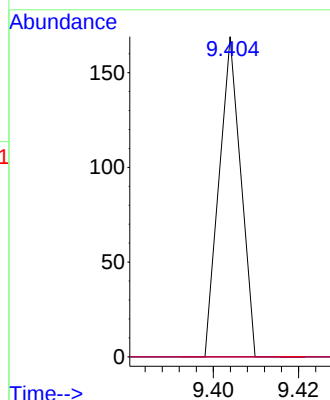
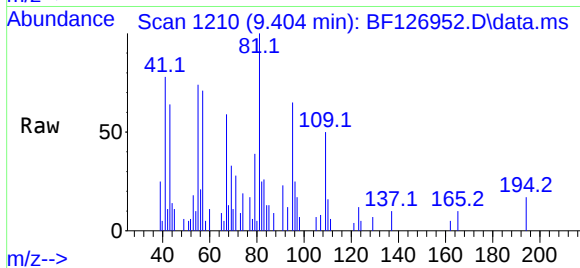
Instrument :

BNA_F

ClientSampleId :

EFF-WWDL

Tgt Ion:162	Resp:	60
Ion	Ratio	Lower Upper
162	100	
127	0.0	33.5 50.3#
164	0.0	26.2 39.4#



#48

2-Nitroaniline

Concen: 0.087 ng

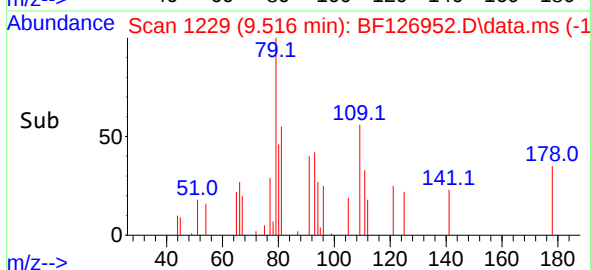
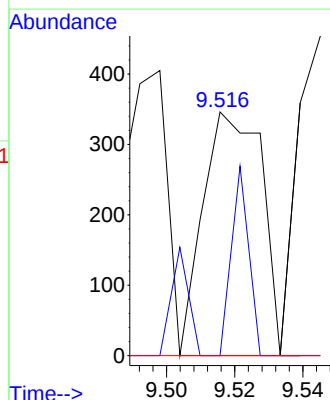
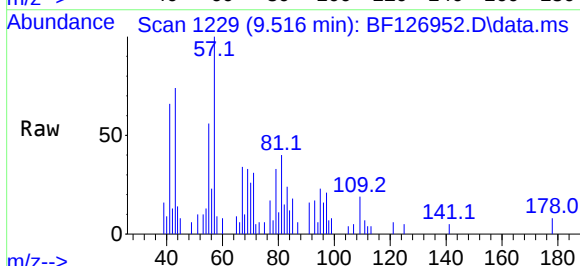
RT: 9.516 min Scan# 1229

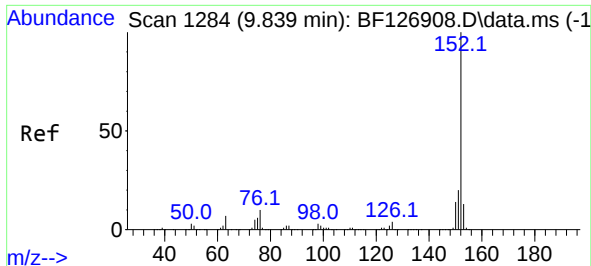
Delta R.T. -0.000 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

Tgt Ion: 65	Resp:	413
Ion	Ratio	Lower Upper
65	100	
92	0.0	54.4 81.6#
138	0.0	72.5 108.7#





#49

Acenaphthylene

Concen: 0.006 ng

RT: 9.822 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

Instrument :

BNA_F

ClientSampleId :

EFF-WWDL

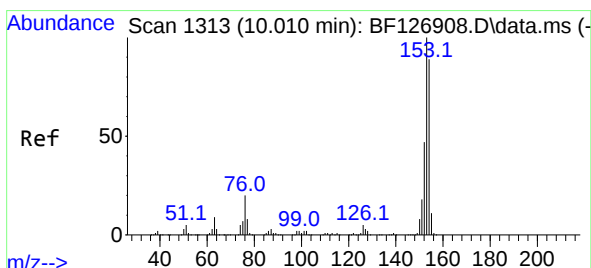
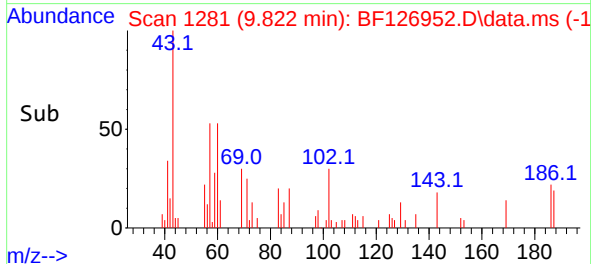
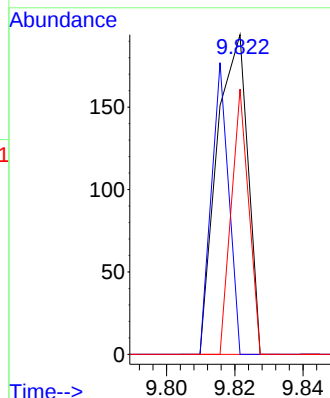
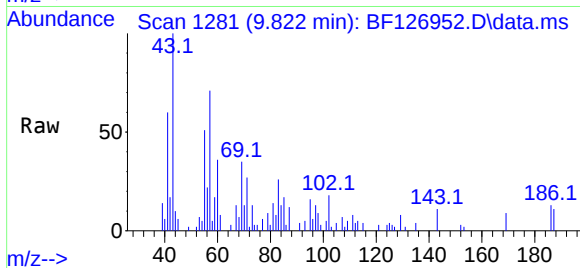
Tgt Ion:152 Resp: 122

Ion Ratio Lower Upper

152 100

151 0.0 15.7 23.5#

153 83.0 11.4 17.0#



#52

Acenaphthene

Concen: 0.097 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.041 min

Lab File: BF126952.D

Acq: 18 Feb 2022 14:50

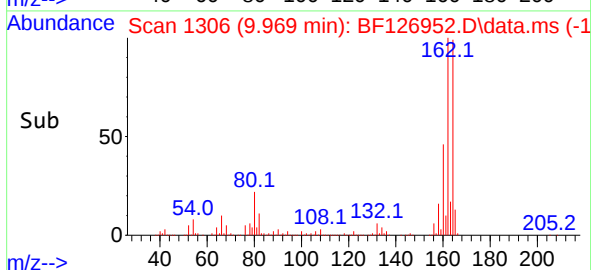
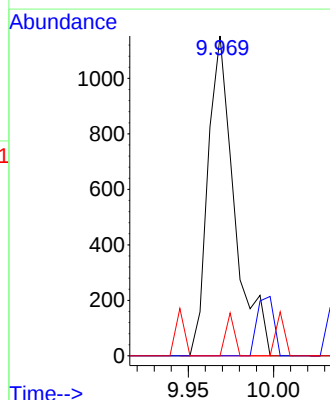
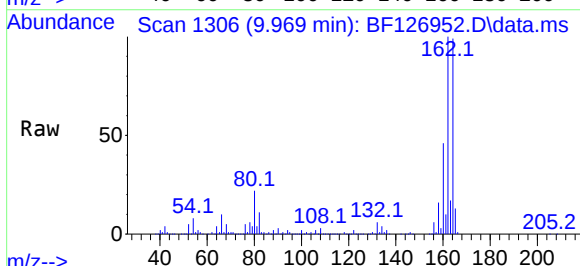
Tgt Ion:154 Resp: 1244

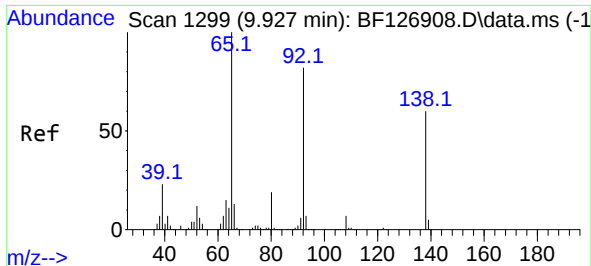
Ion Ratio Lower Upper

154 100

153 0.0 87.8 131.6#

152 0.0 39.4 59.2#

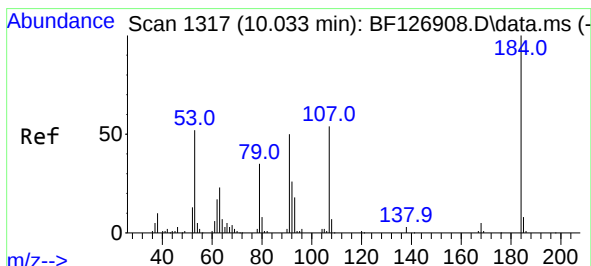
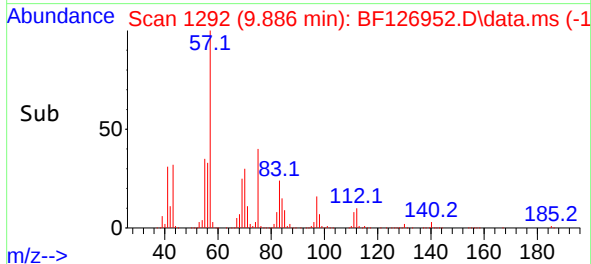
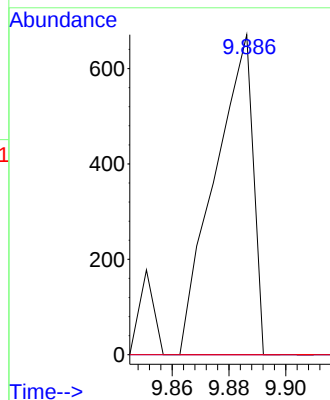
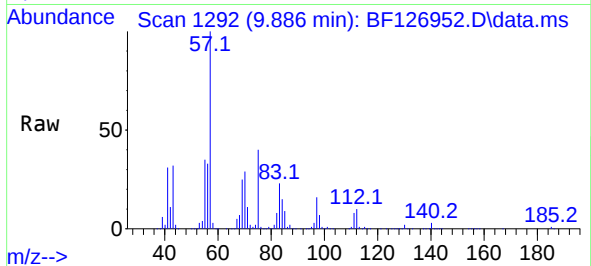




#53
3-Nitroaniline
Concen: 0.172 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

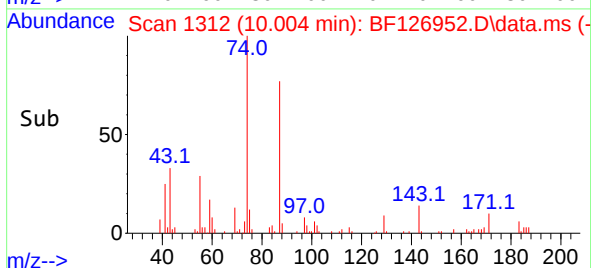
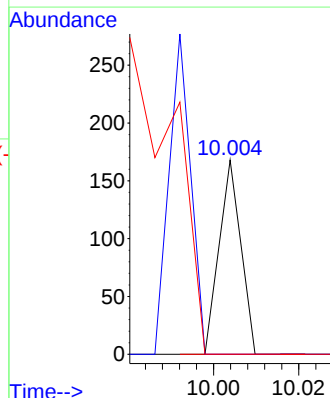
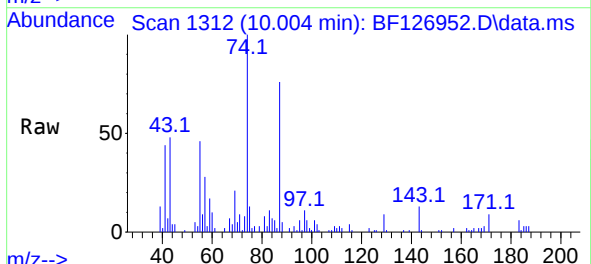
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

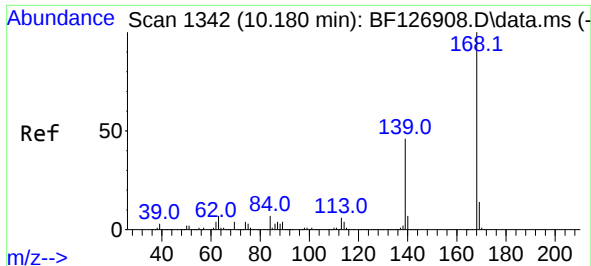
Tgt Ion:138 Resp: 629
Ion Ratio Lower Upper
138 100
108 0.0 8.6 13.0#
92 0.0 105.0 157.6#



#54
2,4-Dinitrophenol
Concen: 0.037 ng
RT: 10.004 min Scan# 1312
Delta R.T. -0.029 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 70.4 105.6#
154 0.0 49.7 74.5#

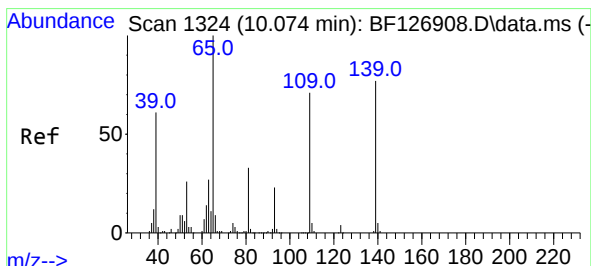
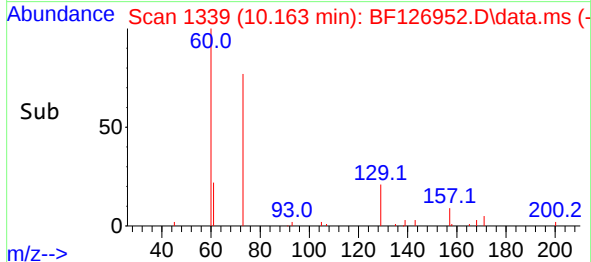
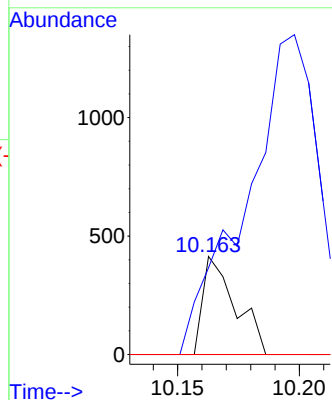
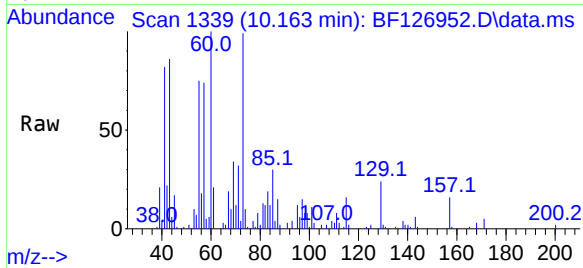




#55
Dibenzenofuran
Concen: 0.022 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

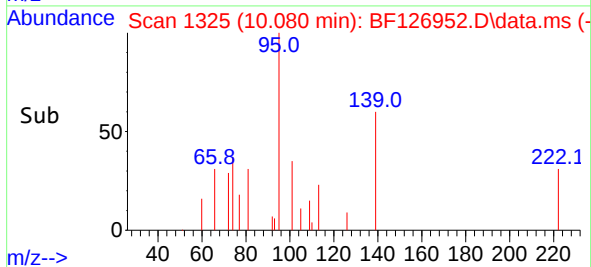
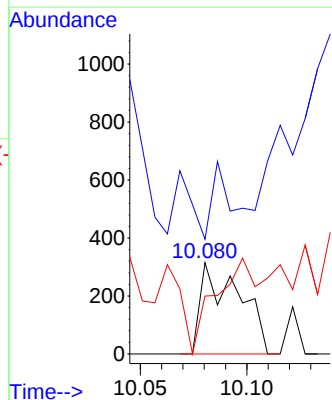
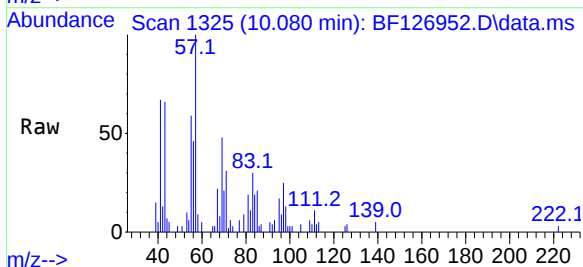
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

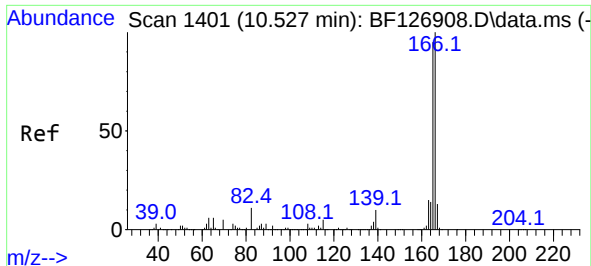
Tgt Ion:168 Resp: 385
Ion Ratio Lower Upper
168 100
139 88.4 30.6 46.0#
169 0.0 10.0 15.0#



#56
4-Nitrophenol
Concen: 0.146 ng
RT: 10.080 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:139 Resp: 395
Ion Ratio Lower Upper
139 100
109 125.7 44.1 84.1#
65 63.5 85.5 125.5#

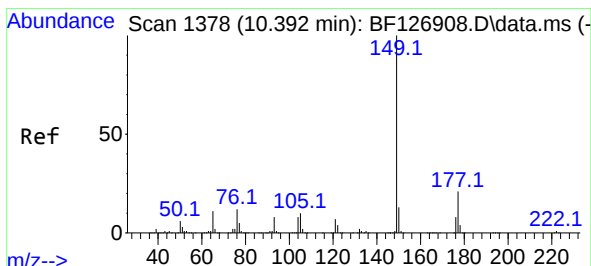
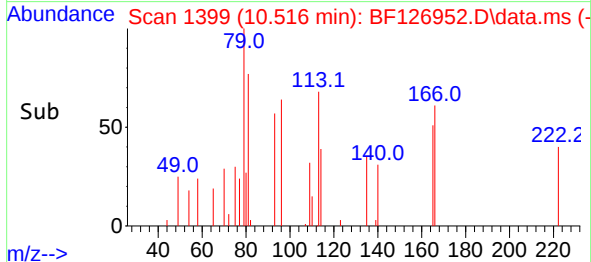
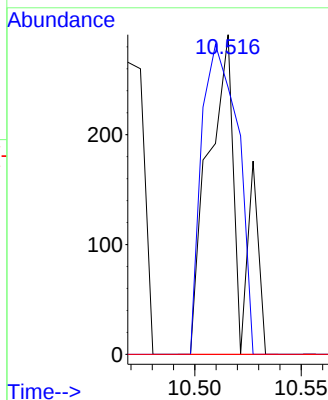
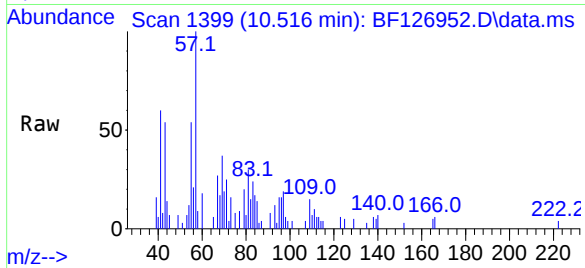




#58
Fluorene
Concen: 0.022 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

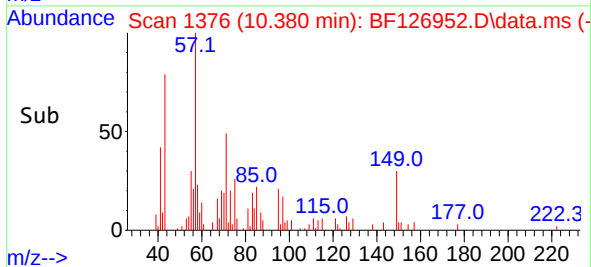
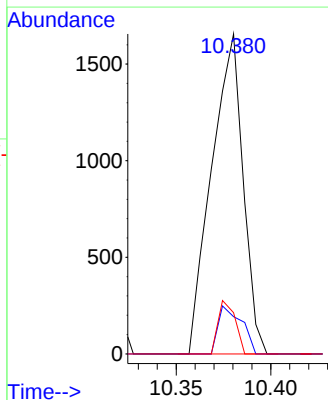
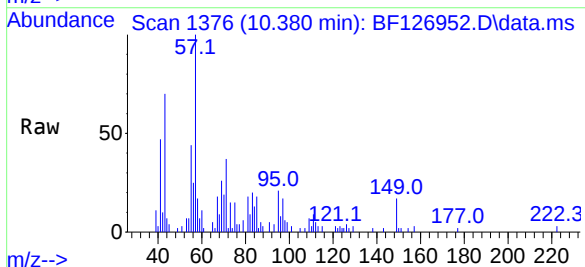
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

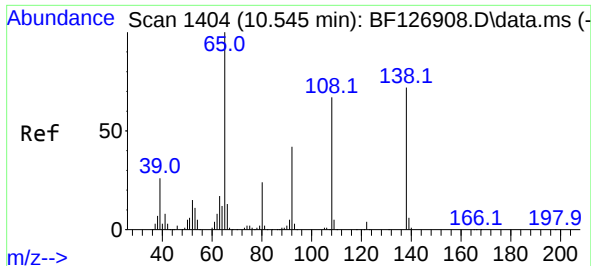
Tgt Ion:166 Resp: 295
Ion Ratio Lower Upper
166 100
165 83.5 77.7 116.5
167 0.0 10.7 16.1#



#60
Diethylphthalate
Concen: 0.124 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:149 Resp: 1913
Ion Ratio Lower Upper
149 100
177 11.7 16.7 25.1#
150 12.9 9.8 14.8

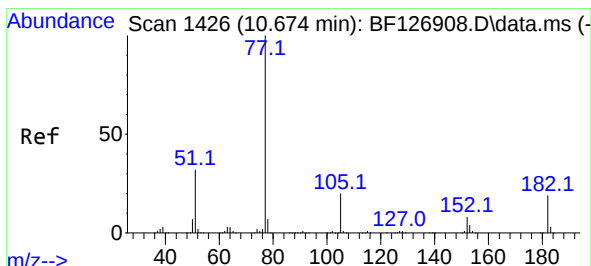
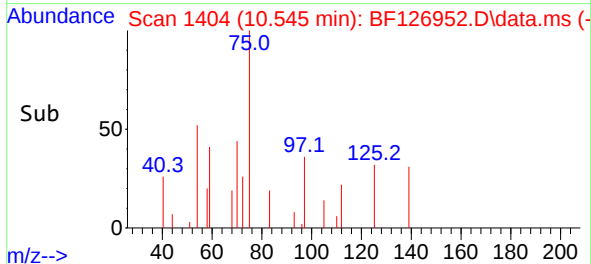
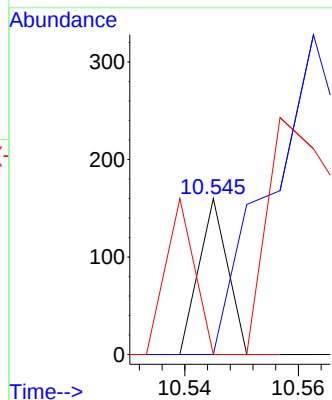
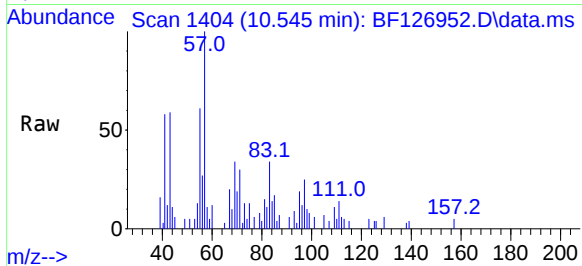




#62
4-Nitroaniline
Concen: 0.015 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

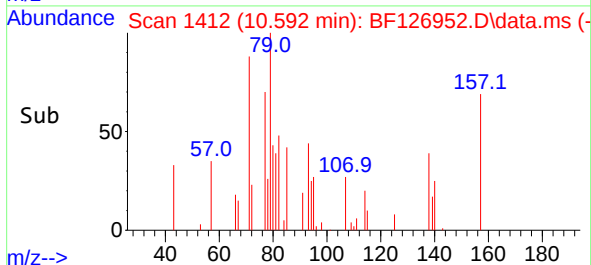
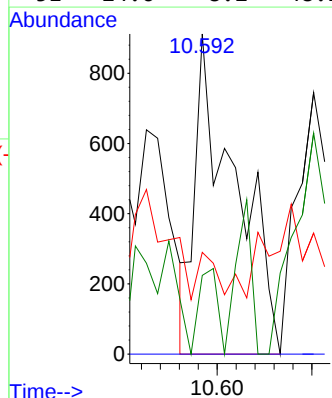
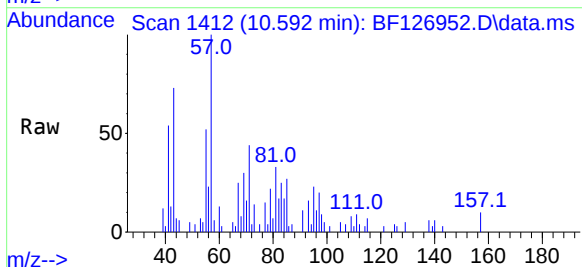
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

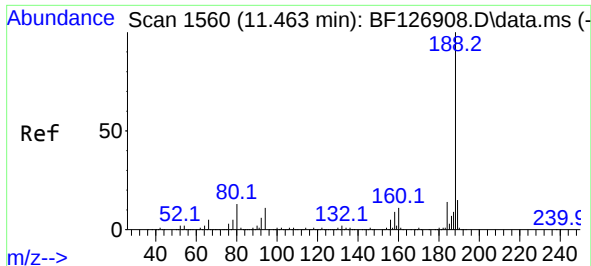
Tgt Ion:	138	Resp:	56
Ion	Ratio	Lower	Upper
138	100		
92	0.0	36.2	76.2#
108	0.0	46.7	86.7#



#63
Azobenzene
Concen: 0.078 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.082 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:	77	Resp:	1343
Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	39.0
105	31.8	3.2	43.2
51	24.6	8.2	48.2

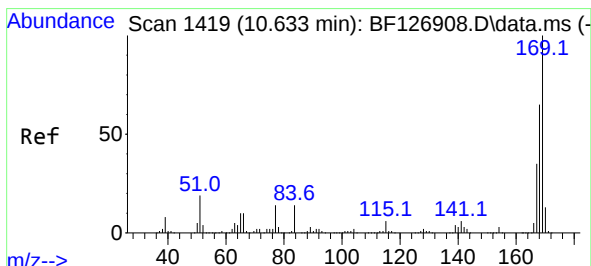
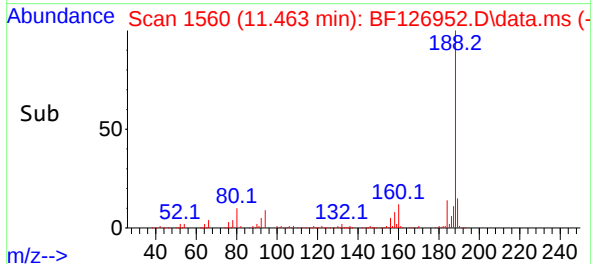
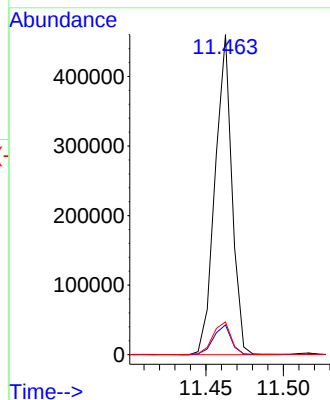
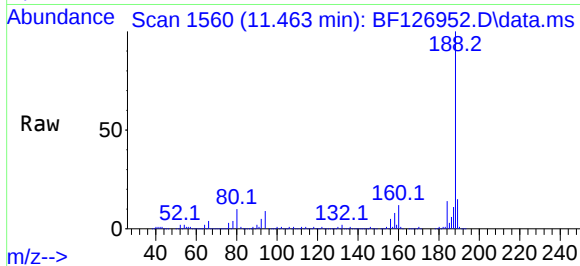




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

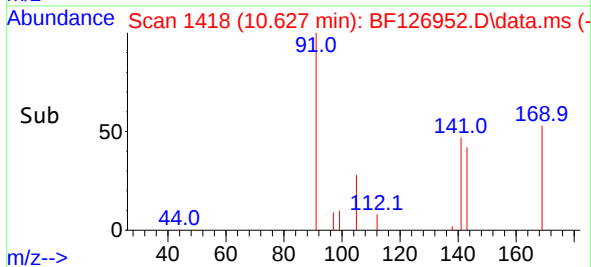
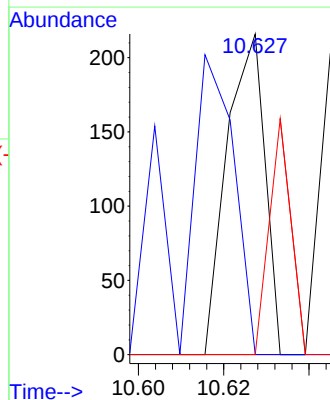
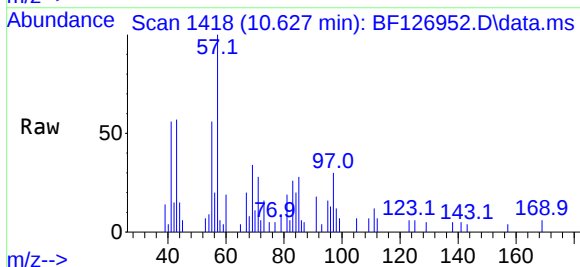
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

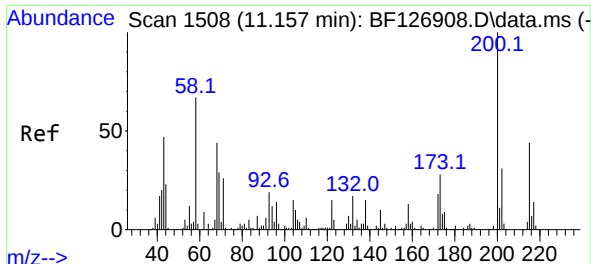
Tgt Ion:188 Resp: 348067
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 10.2 11.8 17.6#



#66
n-Nitrosodiphenylamine
Concen: 0.012 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:169 Resp: 134
Ion Ratio Lower Upper
169 100
168 0.0 53.4 80.0#
167 0.0 29.4 44.0#

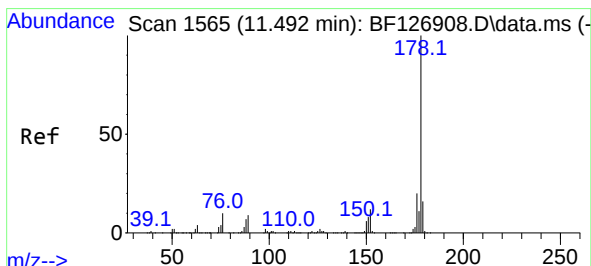
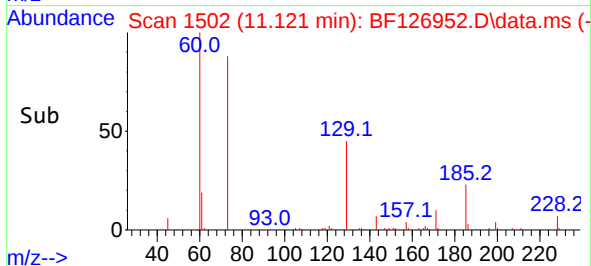
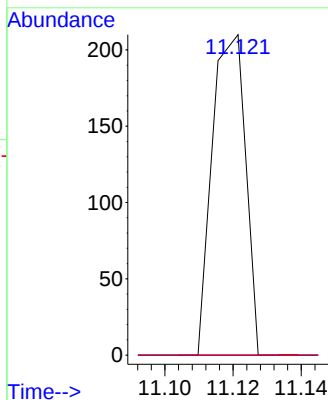
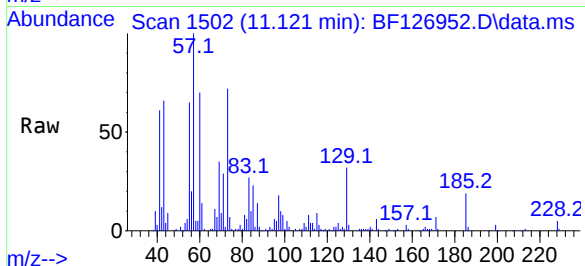




#69
Atrazine
Concen: 0.040 ng
RT: 11.121 min Scan# 11
Delta R.T. -0.035 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

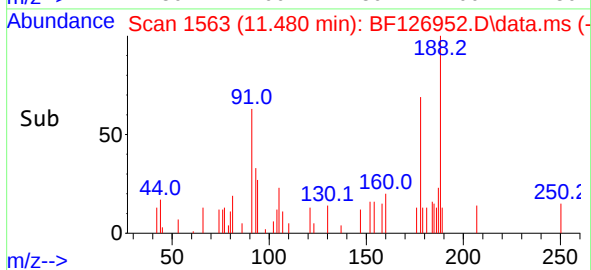
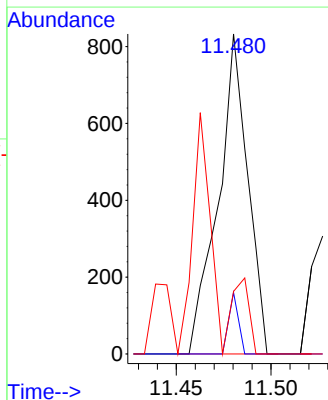
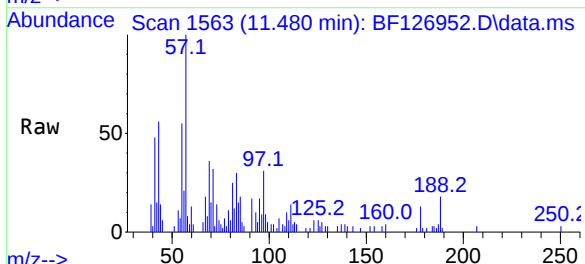
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

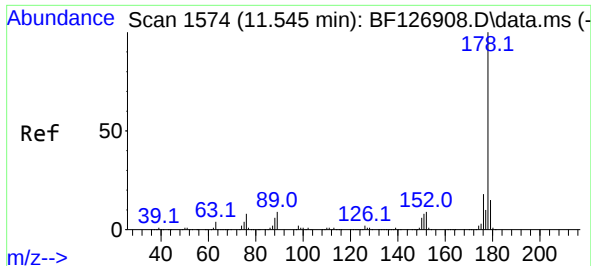
Tgt Ion:200 Resp: 142
Ion Ratio Lower Upper
200 100
173 0.0 9.2 49.2#
215 0.0 23.2 63.2#



#71
Phenanthrene
Concen: 0.046 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:178 Resp: 905
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 19.6 12.3 18.5#

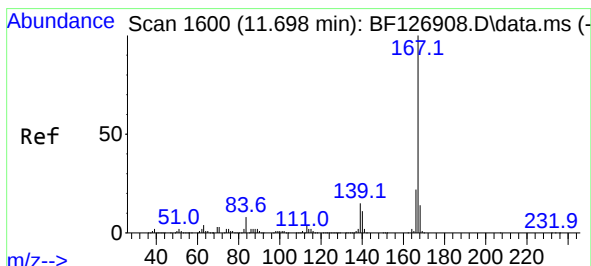
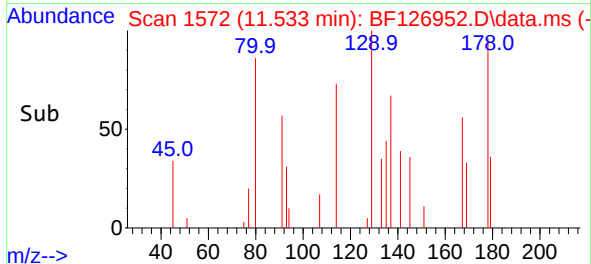
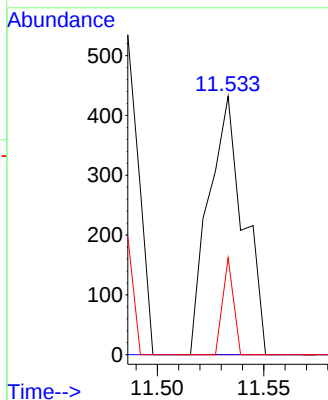
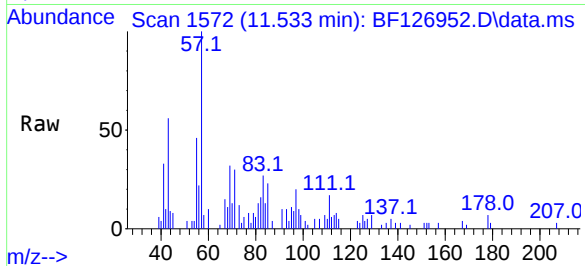




#72
 Anthracene
 Concen: 0.025 ng
 RT: 11.533 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF126952.D
 Acq: 18 Feb 2022 14:50

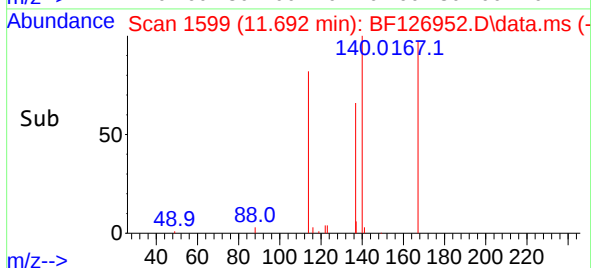
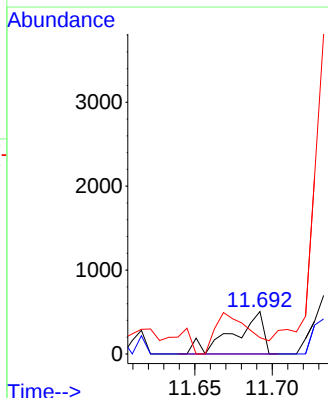
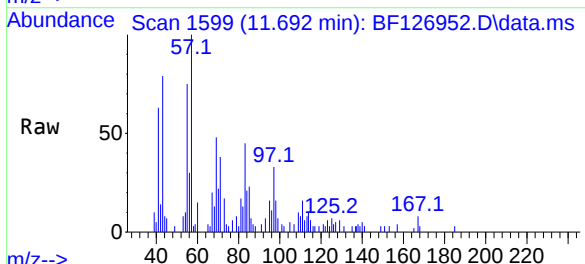
Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWDL

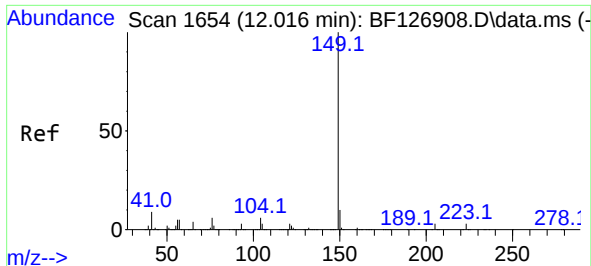
Tgt Ion:178 Resp: 491
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.0 22.6#
 179 37.5 12.5 18.7#



#73
 Carbazole
 Concen: 0.038 ng
 RT: 11.692 min Scan# 1599
 Delta R.T. -0.006 min
 Lab File: BF126952.D
 Acq: 18 Feb 2022 14:50

Tgt Ion:167 Resp: 674
 Ion Ratio Lower Upper
 167 100
 166 0.0 16.9 25.3#
 139 38.5 11.3 16.9#

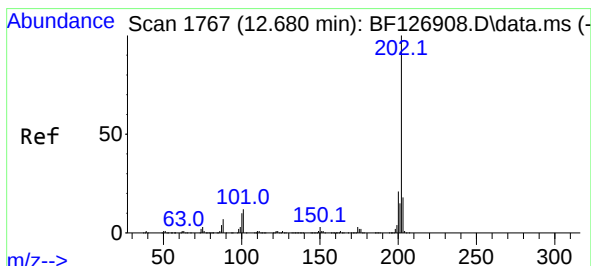
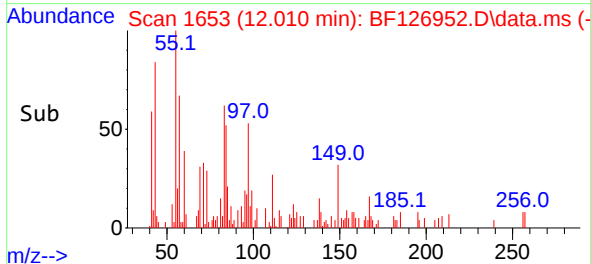
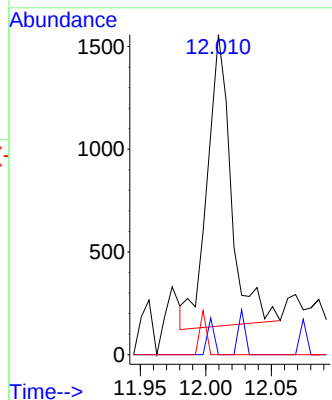
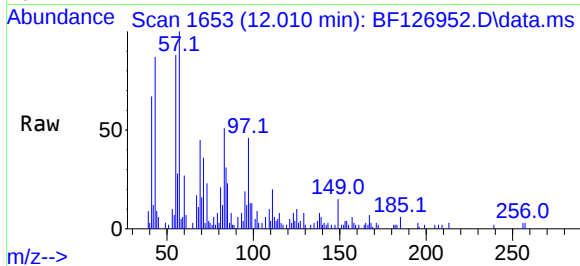




#74
Di-n-butylphthalate
Concen: 0.079 ng
RT: 12.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

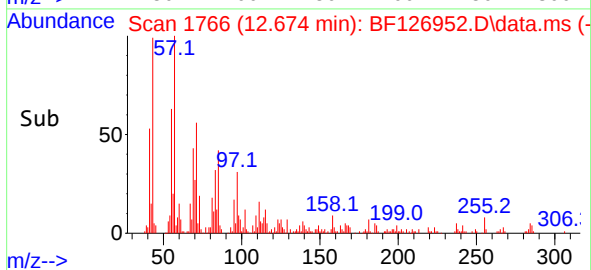
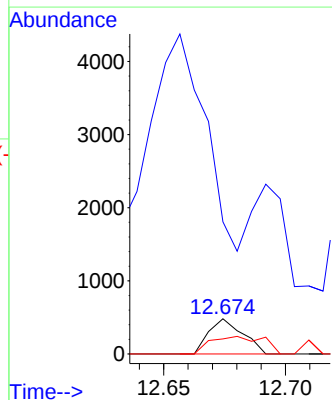
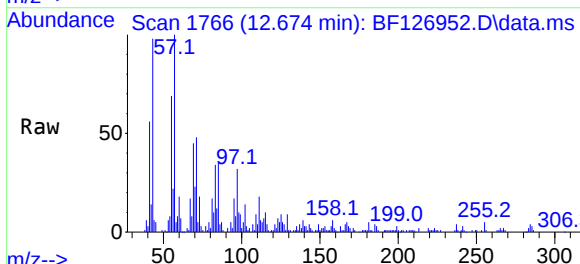
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

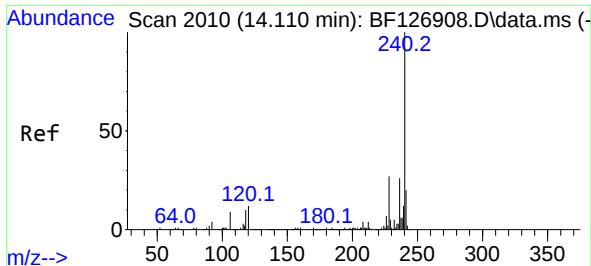
Tgt Ion:149 Resp: 1800
Ion Ratio Lower Upper
149 100
150 0.0 7.2 10.8#
104 0.0 4.2 6.2#



#75
Fluoranthene
Concen: 0.025 ng
RT: 12.674 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:202 Resp: 466
Ion Ratio Lower Upper
202 100
101 374.9 0.0 35.7#
203 42.7 0.0 37.1#

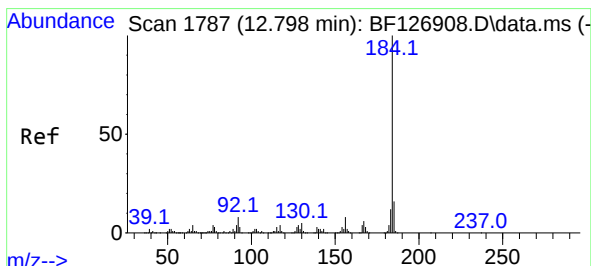
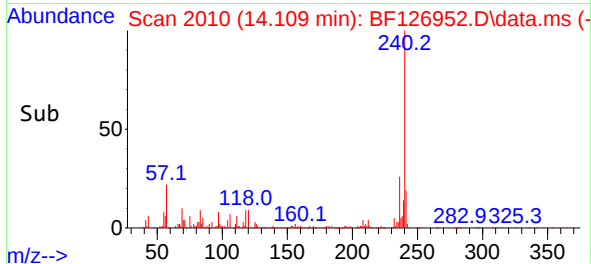
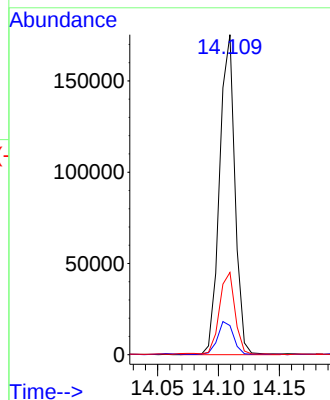
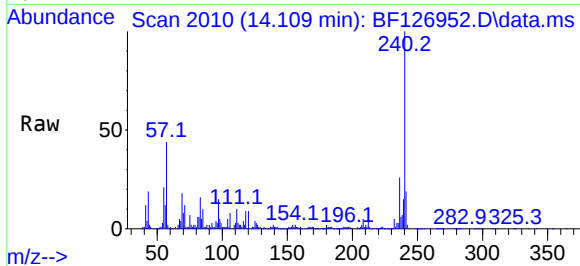




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.109 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

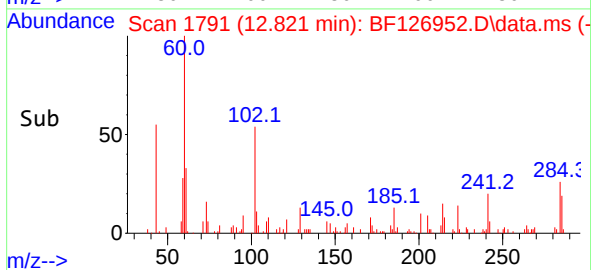
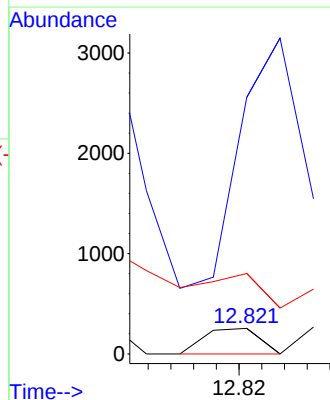
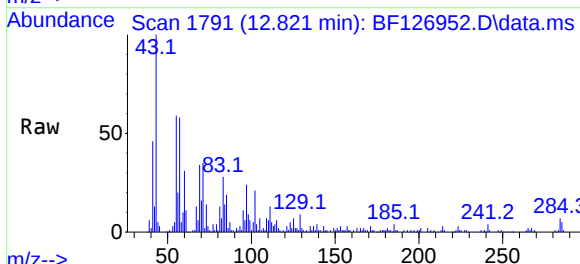
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

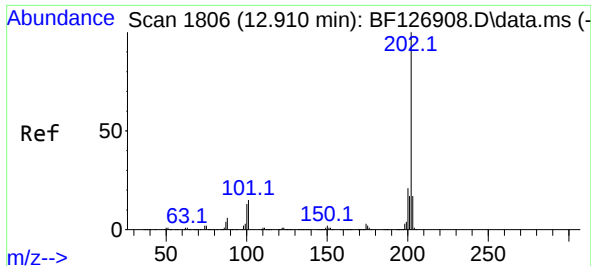
Tgt Ion:240 Resp: 154804
Ion Ratio Lower Upper
240 100
120 9.1 14.4 21.6#
236 25.7 20.5 30.7



#77
Benidine
Concen: 0.041 ng
RT: 12.821 min Scan# 1791
Delta R.T. 0.024 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:184 Resp: 173
Ion Ratio Lower Upper
184 100
185 1003.1 11.8 17.8#
183 314.5 8.2 12.2#

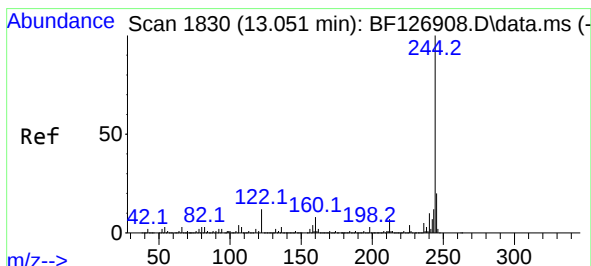
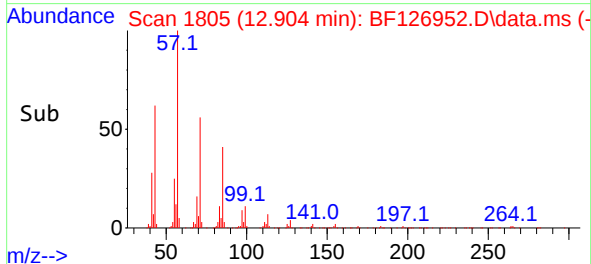
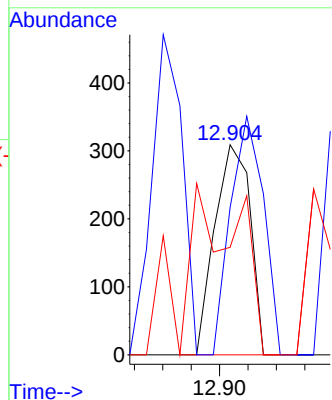
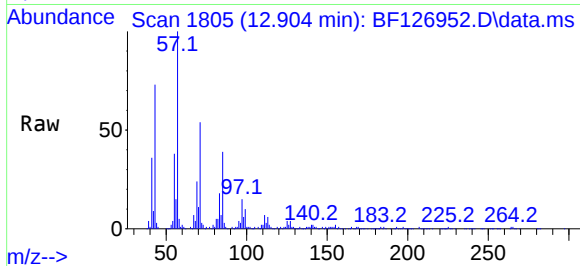




#78
Pyrene
Concen: 0.020 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

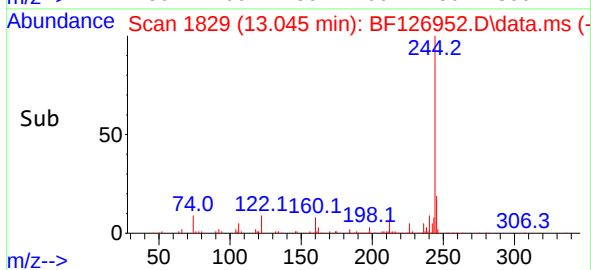
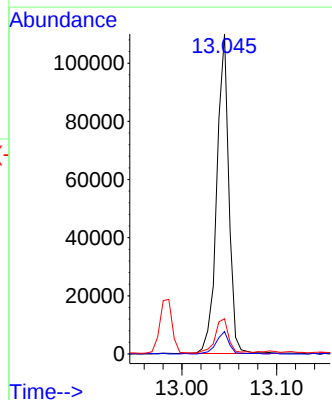
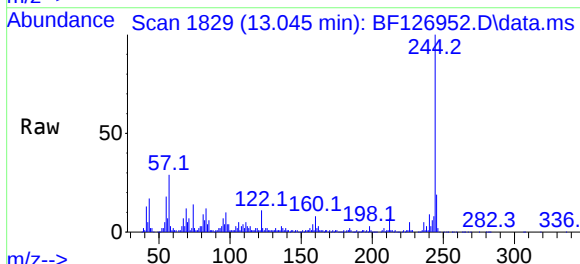
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

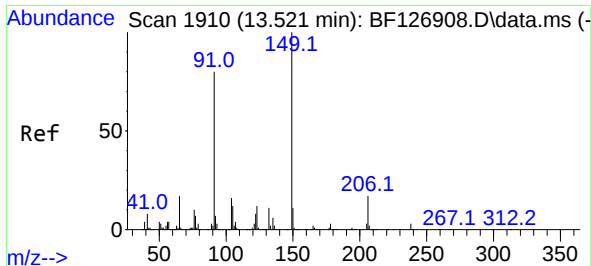
Tgt Ion:202 Resp: 267
Ion Ratio Lower Upper
202 100
200 70.2 16.6 24.8#
203 51.1 13.8 20.8#



#79
Terphenyl-d14
Concen: 9.190 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:244 Resp: 96776
Ion Ratio Lower Upper
244 100
212 7.0 5.0 7.4
122 11.0 13.3 19.9#

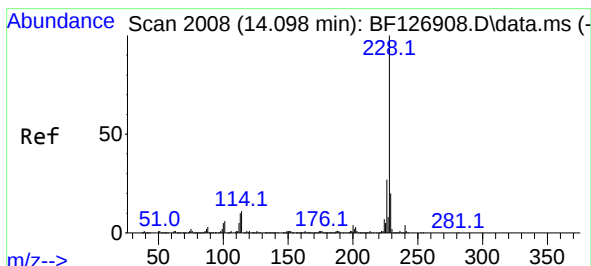
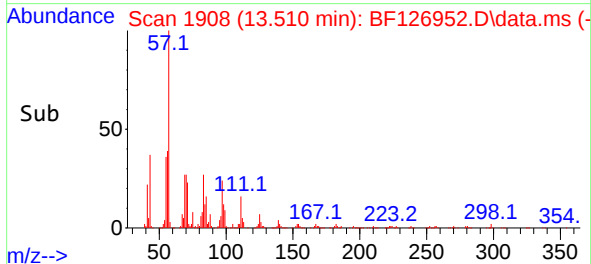
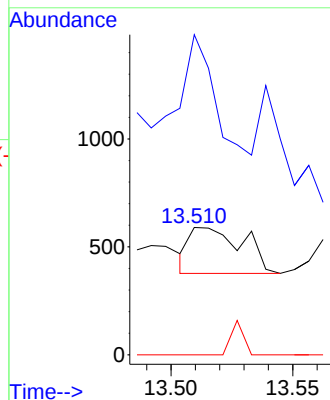
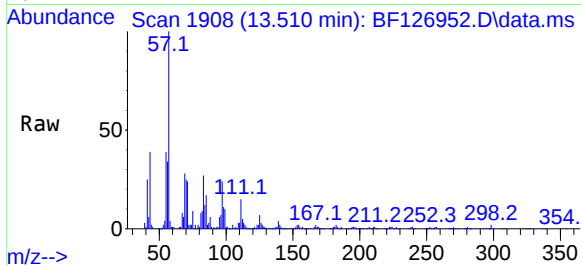




#80
Butylbenzylphthalate
Concen: 0.051 ng
RT: 13.510 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

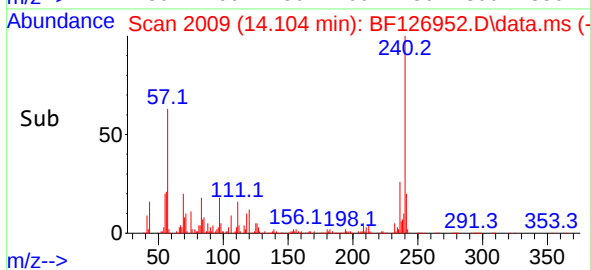
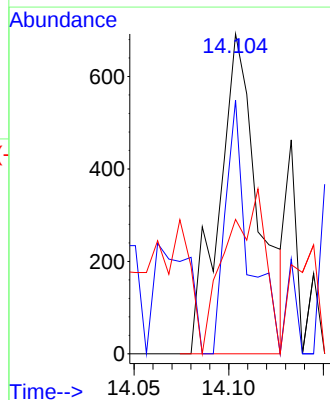
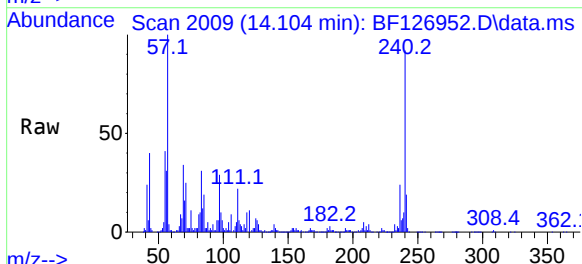
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

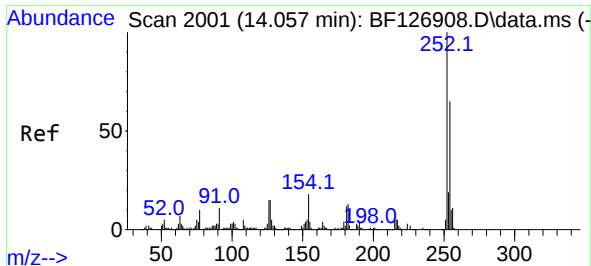
Tgt Ion:149 Resp: 325
Ion Ratio Lower Upper
149 100
91 251.4 70.5 105.7#
206 0.0 12.6 19.0#



#81
Benzo(a)anthracene
Concen: 0.097 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:228 Resp: 1009
Ion Ratio Lower Upper
228 100
226 79.3 21.4 32.0#
229 42.1 15.4 23.2#

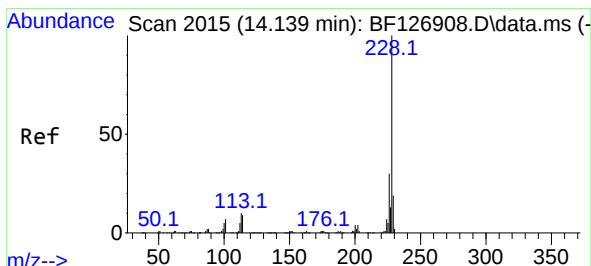
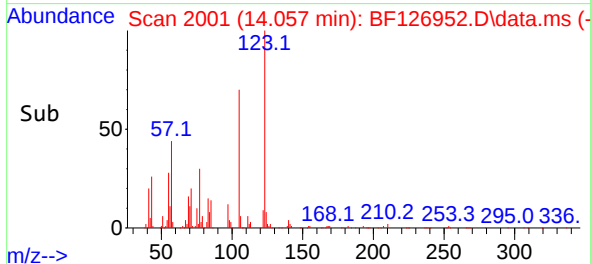
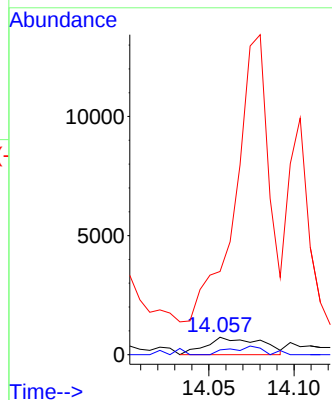
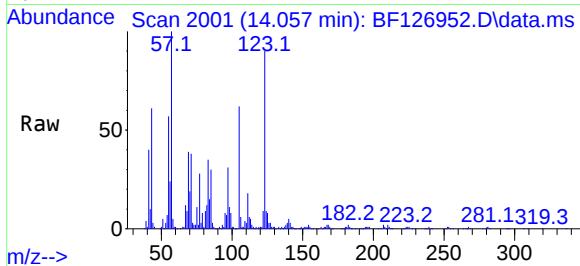




#82
3,3'-Dichlorobenzidine
Concen: 0.493 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

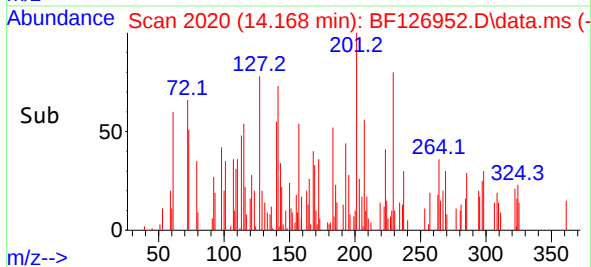
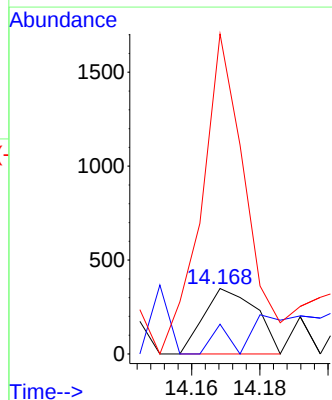
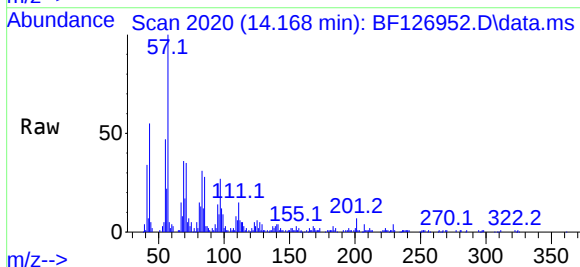
Instrument :
BNA_F
ClientSampleId :
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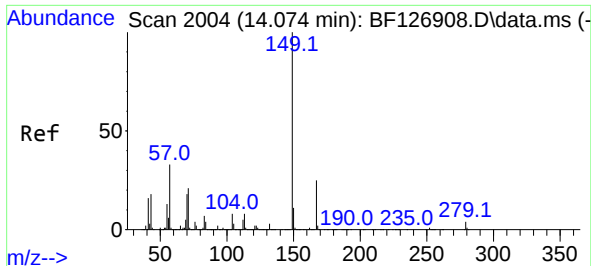
Tgt Ion:252 Resp: 1621
Ion Ratio Lower Upper
252 100
254 27.4 51.0 76.4#
126 476.5 13.4 20.0#



#83
Chrysene
Concen: 0.038 ng
RT: 14.168 min Scan# 2020
Delta R.T. 0.029 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:228 Resp: 371
Ion Ratio Lower Upper
228 100
226 45.6 23.7 35.5#
229 488.3 15.5 23.3#

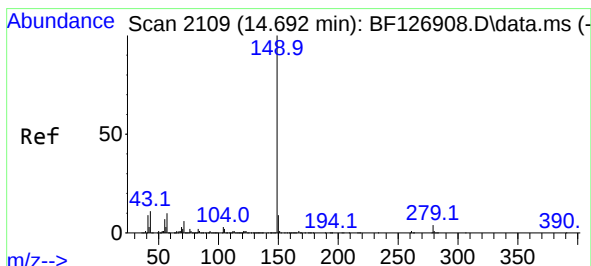
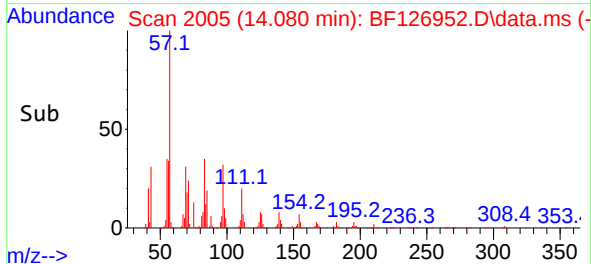
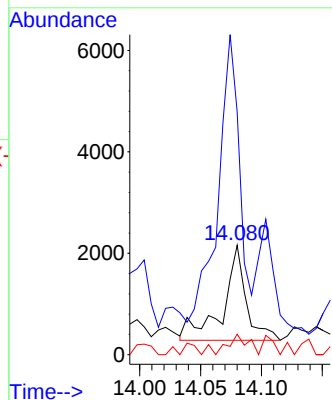
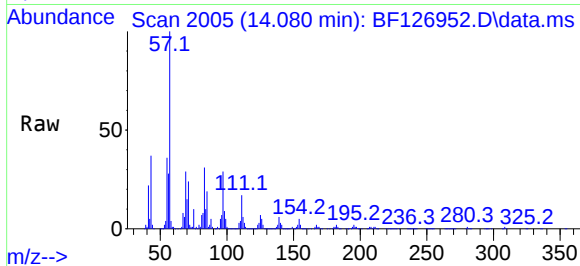




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.299 ng
RT: 14.080 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

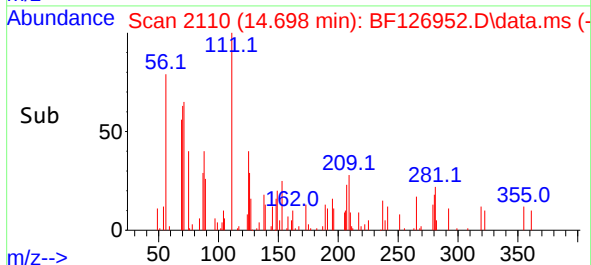
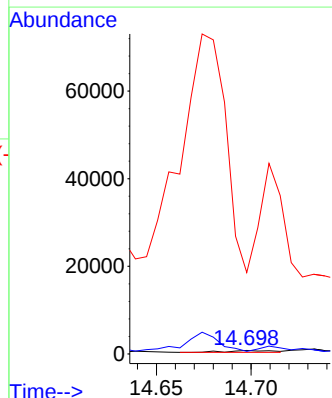
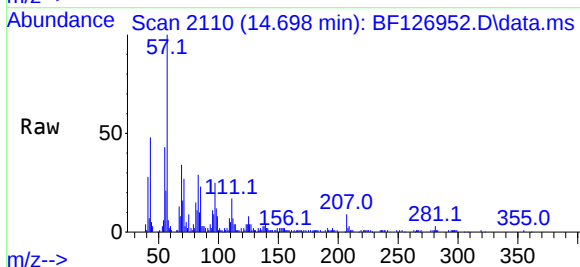
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

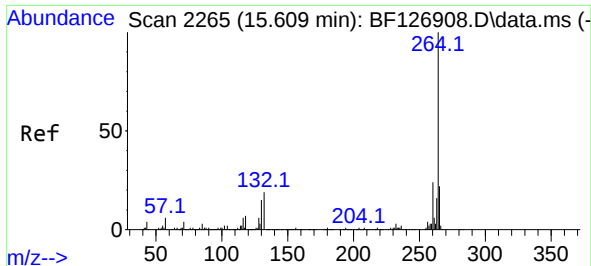
Tgt Ion:149 Resp: 2499
Ion Ratio Lower Upper
149 100
167 221.8 21.4 32.2#
279 18.8 2.4 3.6#



#85
Di-n-octyl phthalate
Concen: 0.058 ng
RT: 14.698 min Scan# 2110
Delta R.T. 0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:149 Resp: 702
Ion Ratio Lower Upper
149 100
167 285.0 1.1 1.7#
43 3139.9 9.9 14.9#

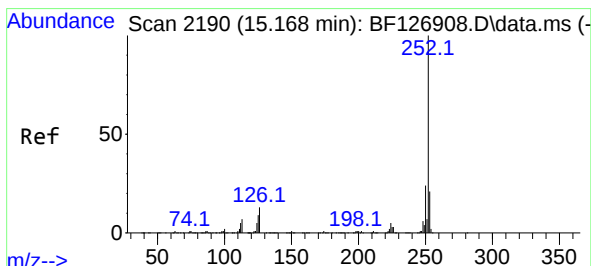
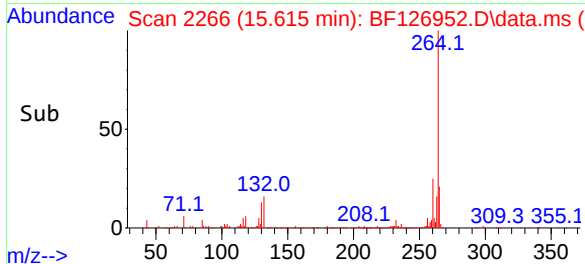
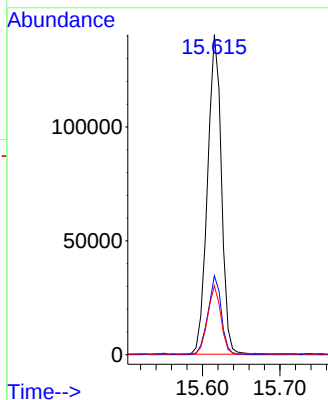
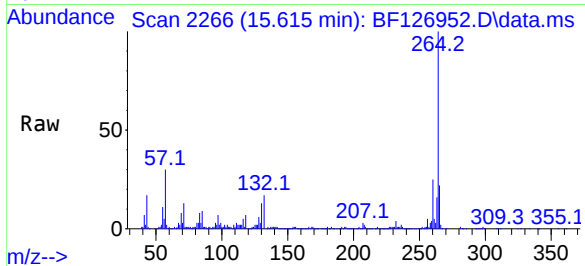




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 2189
Delta R.T. 0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

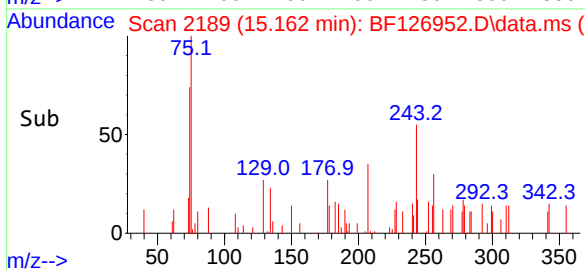
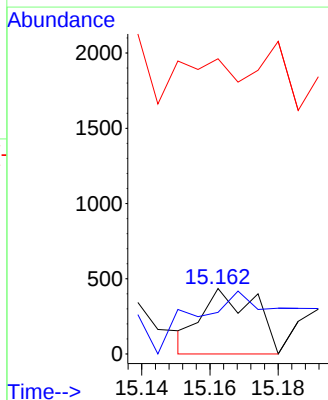
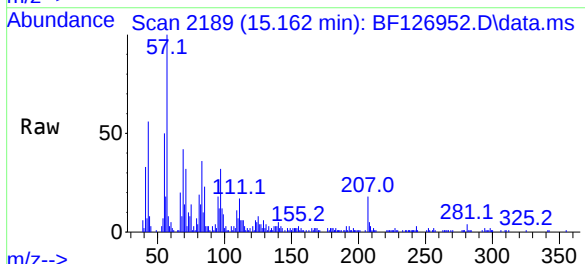
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

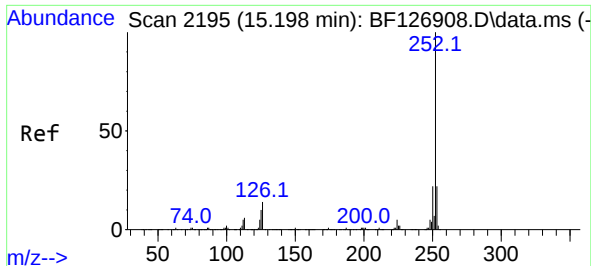
Tgt Ion:264 Resp: 174398
Ion Ratio Lower Upper
264 100
260 24.7 19.2 28.8
265 21.6 17.4 26.2



#88
Benzo(b)fluoranthene
Concen: 0.040 ng
RT: 15.162 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

Tgt Ion:252 Resp: 464
Ion Ratio Lower Upper
252 100
253 63.4 17.8 26.8#
125 451.0 12.4 18.6#

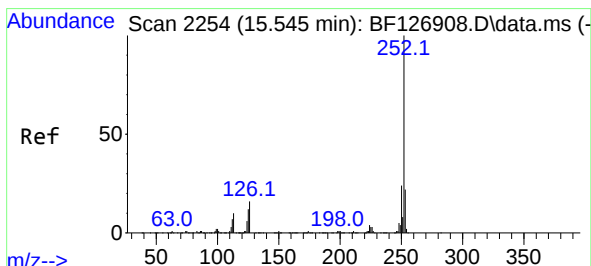
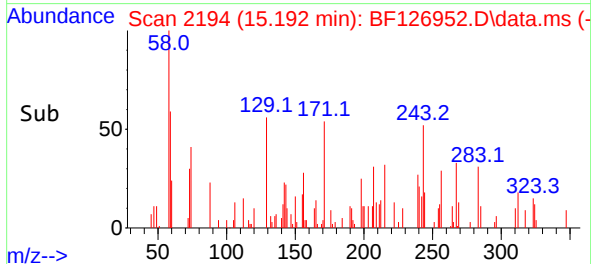
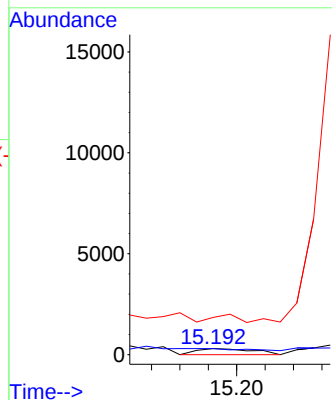
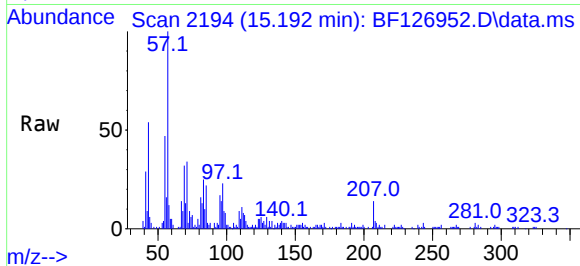




#89
Benzo(k)fluoranthene
Concen: 0.037 ng
RT: 15.192 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

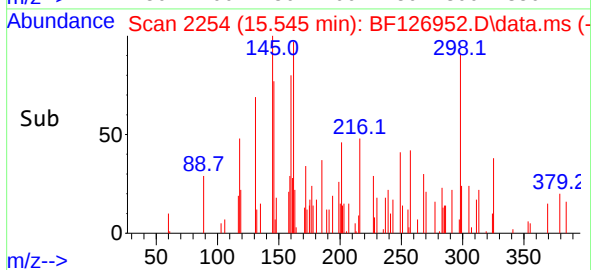
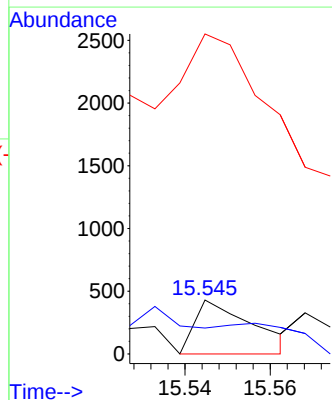
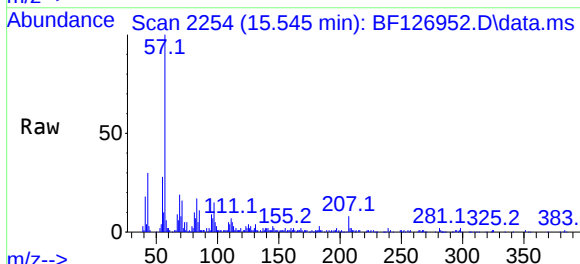
Instrument :
BNA_F
ClientSampleId :
EFF-WWDL

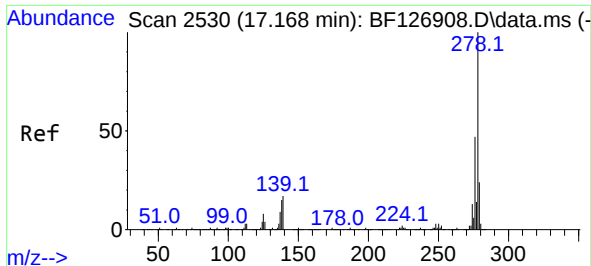
Tgt Ion:252 Resp: 417
Ion Ratio Lower Upper
252 100
253 101.3 17.5 26.3#
125 618.5 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 0.044 ng
RT: 15.545 min Scan# 2254
Delta R.T. -0.000 min
Lab File: BF126952.D
Acq: 18 Feb 2022 14:50

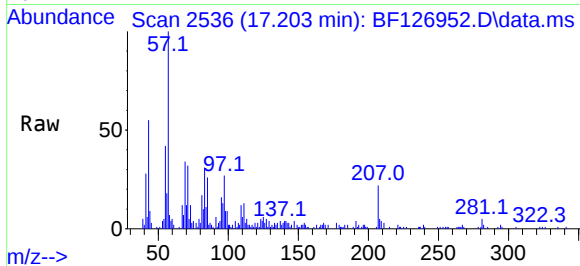
Tgt Ion:252 Resp: 401
Ion Ratio Lower Upper
252 100
253 48.0 17.1 25.7#
125 594.6 13.0 19.6#





#91
 Dibenzo(a,h)anthracene
 Concen: 0.008 ng
 RT: 17.203 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF126952.D
 Acq: 18 Feb 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WWDL



Tgt Ion:	278	Resp:	76
Ion	Ratio	Lower	Upper
278	100		
139	269.9	18.0	27.0#
279	0.0	18.6	27.8#

