

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
 Data File : BF129198.D
 Acq On : 12 Jul 2022 19:56
 Operator : CG\JU
 Sample : N3663-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB16181

Quant Time: Jul 13 01:58:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 14:13:54 2022
 Response via : Initial Calibration

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

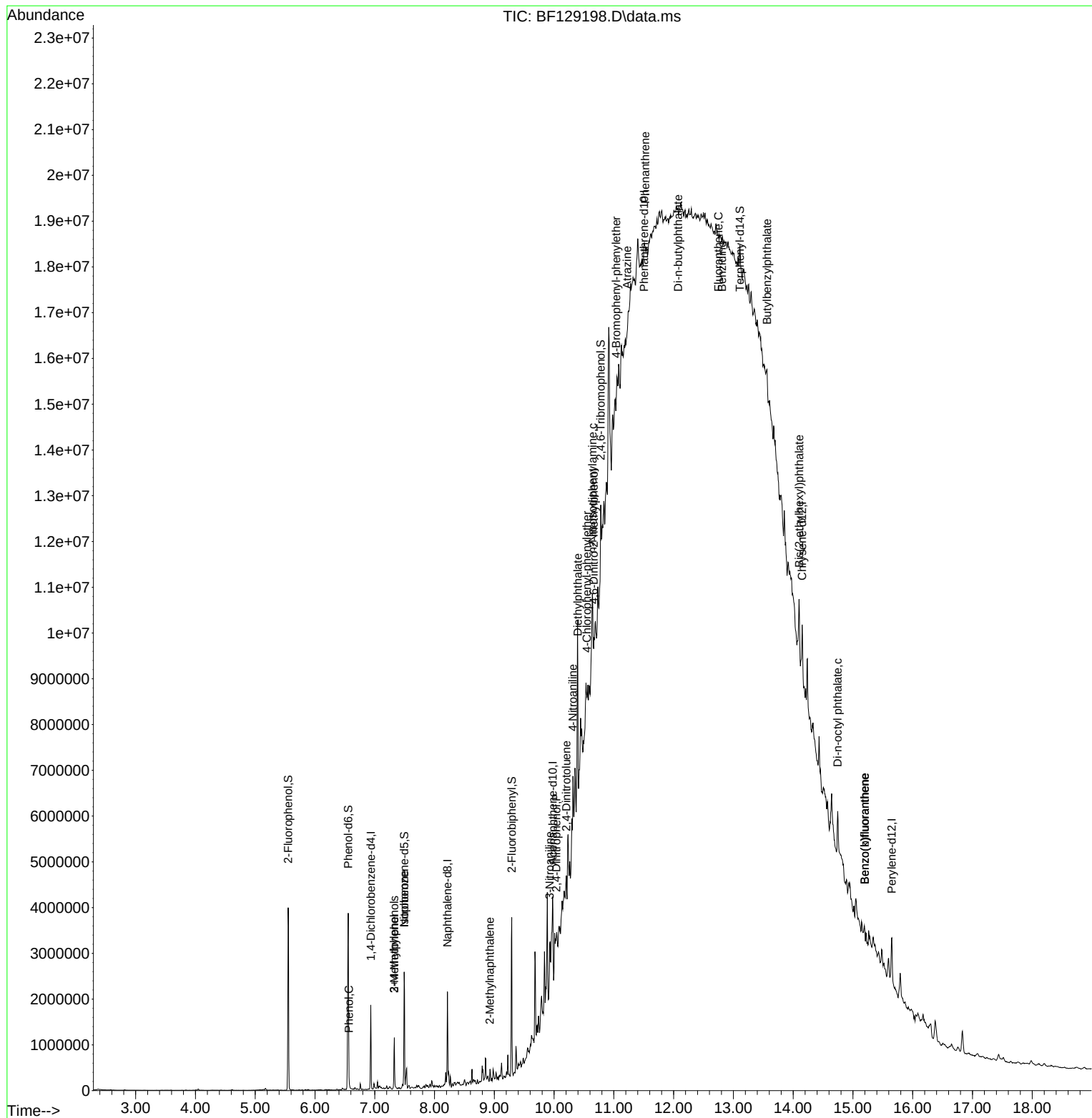
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	237440	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	796326	20.000	ng	# 0.00
39) Acenaphthene-d10	9.981	164	266992	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	272798	20.000	ng	# 0.04
76) Chrysene-d12	14.151	240	441418	20.000	ng	# 0.03
86) Perylene-d12	15.651	264	415184	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1106358	78.776	ng	-0.01
7) Phenol-d6	6.557	99	1332589	76.398	ng	-0.01
23) Nitrobenzene-d5	7.492	82	783297	58.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.780	330	225146	77.553	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	978820	58.650	ng	0.00
79) Terphenyl-d14	13.110	244	718741	33.813	ng	0.05
Target Compounds						Qvalue
9) Benzaldehyde	6.487	77	2206	Below Cal	#	41
10) Phenol	6.569	94	43484	2.461	ng	93
17) 2-Methylphenol	7.328	107	192502	16.032	ng	# 69
20) 3+4-Methylphenols	7.328	107	192502	12.607	ng	# 70
25) Isophorone	7.492	82	781014	34.614	ng	# 66
37) 2-Methylnaphthalene	8.928	142	65586	2.696	ng	100
53) 3-Nitroaniline	9.928	138	15801	3.882	ng	# 14
54) 2,4-Dinitrophenol	10.039	184	184	6.957	ng	# 1
57) 2,4-Dinitrotoluene	10.204	165	16513	3.919	ng	# 38
60) Diethylphthalate	10.398	149	41449	2.476	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.551	204	17973	2.183	ng	# 1
62) 4-Nitroaniline	10.316	138	22122	5.481	ng	90
65) 4,6-Dinitro-2-methylph...	10.663	198	7213	5.976	ng	# 1
66) n-Nitrosodiphenylamine	10.645	169	78564	9.483	ng	# 70
67) 4-Bromophenyl-phenylether	11.039	248	9943	3.426	ng	# 1
69) Atrazine	11.222	200	6537	2.804	ng	# 1
71) Phenanthrene	11.527	178	48740	3.739	ng	# 1
74) Di-n-butylphthalate	12.075	149	122403	9.015	ng	# 39
75) Fluoranthene	12.751	202	36120	2.650	ng	# 1
77) Benzidine	12.810	184	27726	3.527	ng	# 1
80) Butylbenzylphthalate	13.563	149	72091	5.784	ng	# 72
84) Bis(2-ethylhexyl)phtha...	14.104	149	368128	22.222	ng	# 90
85) Di-n-octyl phthalate	14.745	149	66604	2.724	ng	# 1
88) Benzo(b)fluoranthene	15.198	252	70313	2.816	ng	# 14
89) Benzo(k)fluoranthene	15.198	252	70313	2.903	ng	# 14

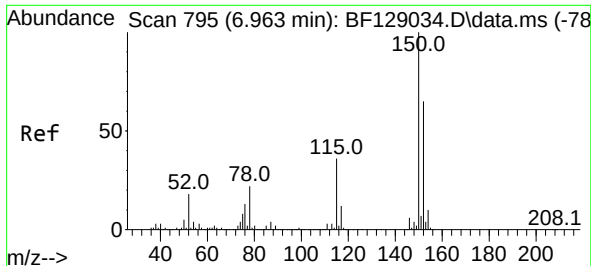
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071222\
Data File : BF129198.D
Acq On : 12 Jul 2022 19:56
Operator : CG\JU
Sample : N3663-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB16181

Quant Time: Jul 13 01:58:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 12 14:13:54 2022
Response via : Initial Calibration

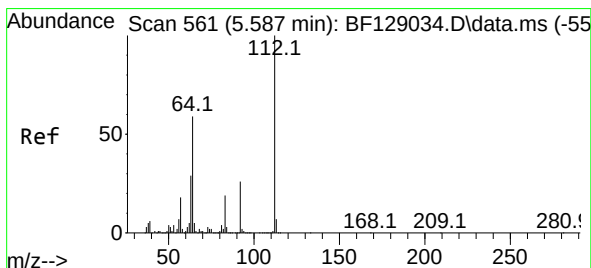
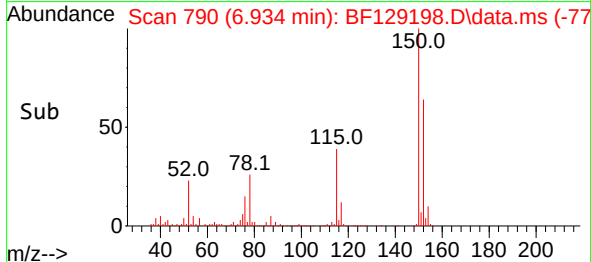
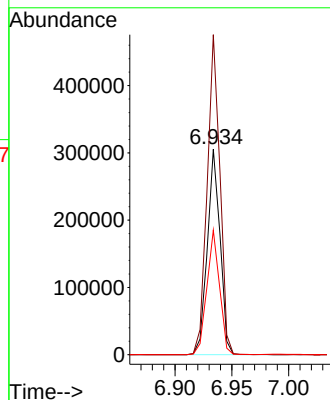
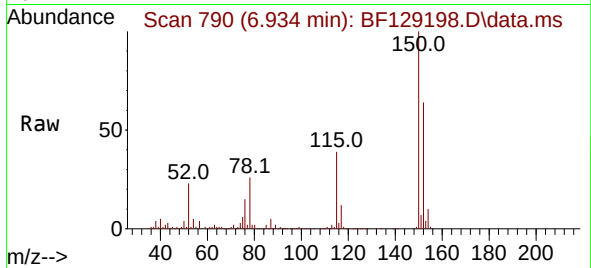




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 795
Delta R.T. -0.005 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

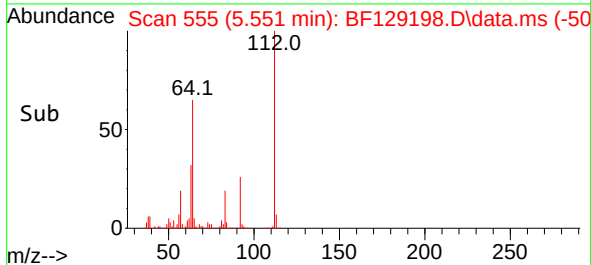
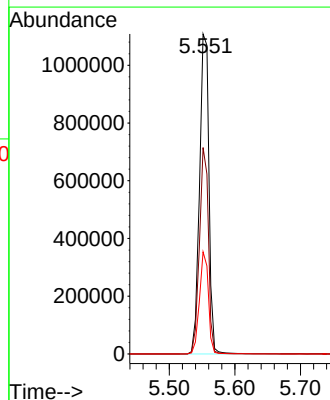
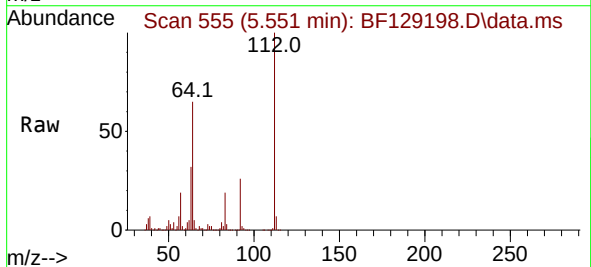
Instrument :
BNA_F
ClientSampleId :
VB16181

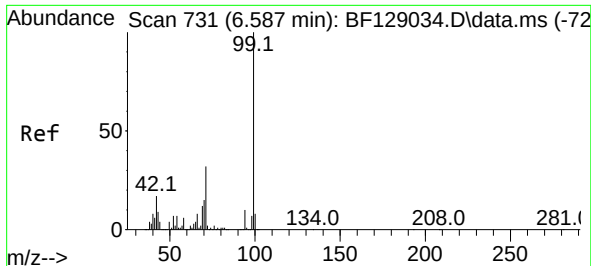
Tgt Ion:152 Resp: 237440
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 60.6 49.9 74.9



#5
2-Fluorophenol
Concen: 78.776 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:112 Resp: 1106358
Ion Ratio Lower Upper
112 100
64 64.5 53.3 79.9
63 31.9 28.0 42.0

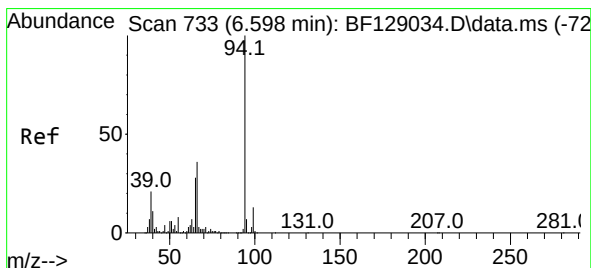
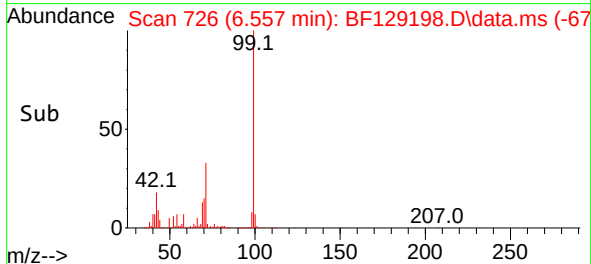
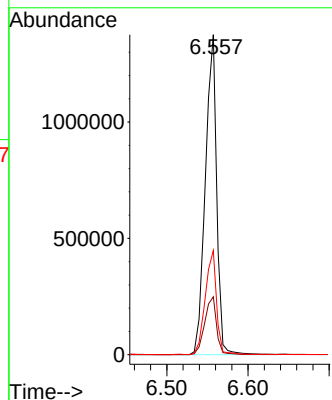
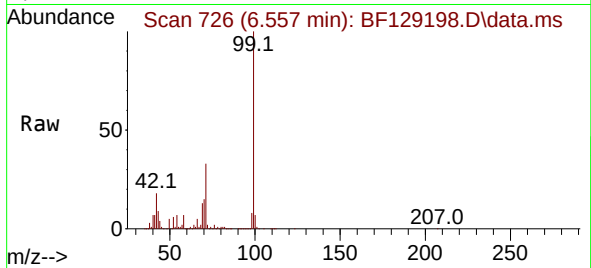




#7
Phenol-d6
Concen: 76.398 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

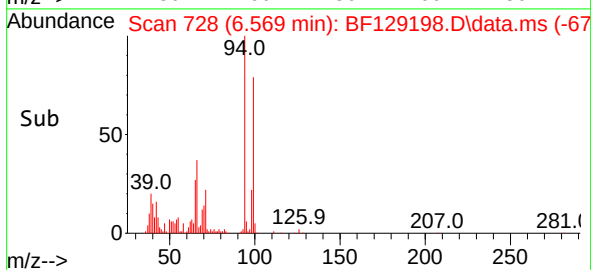
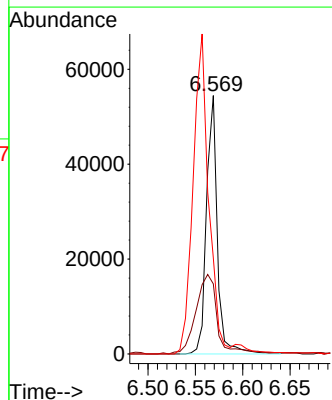
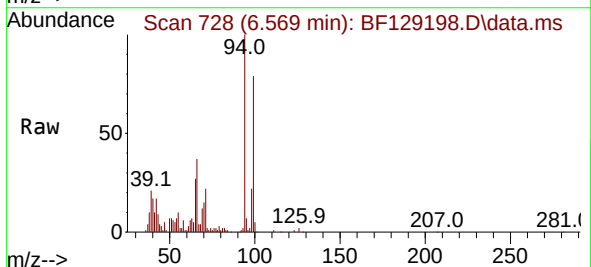
Instrument :
BNA_F
ClientSampleId :
VB16181

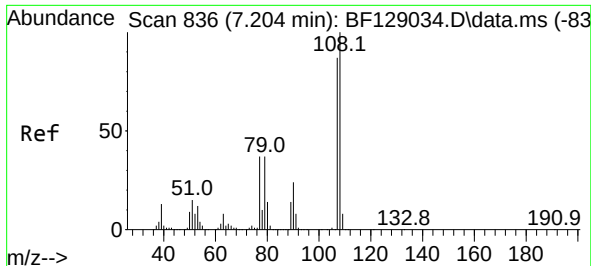
Tgt Ion: 99 Resp: 1332589
Ion Ratio Lower Upper
99 100
42 18.1 17.3 25.9
71 32.6 28.9 43.3



#10
Phenol
Concen: 2.461 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion: 94 Resp: 43484
Ion Ratio Lower Upper
94 100
65 27.1 11.4 51.4
66 37.1 21.4 61.4

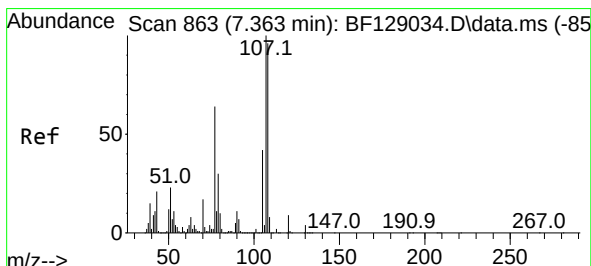
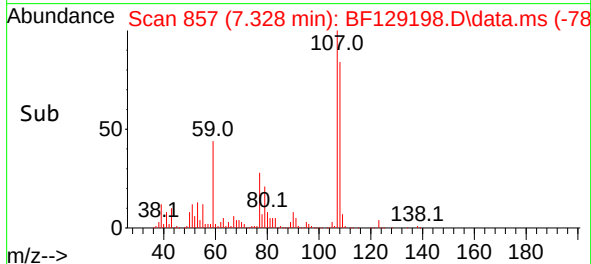
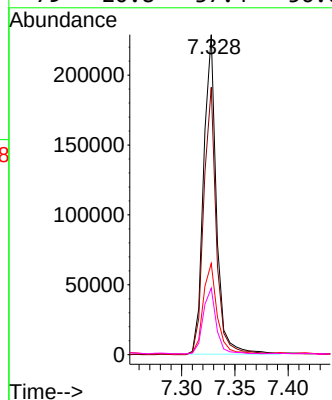
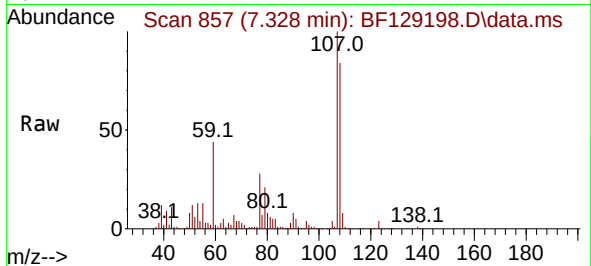




#17
2-Methylphenol
Concen: 16.032 ng
RT: 7.328 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

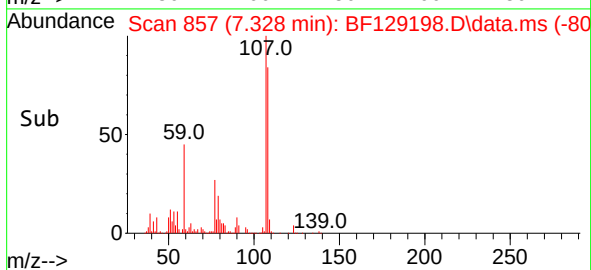
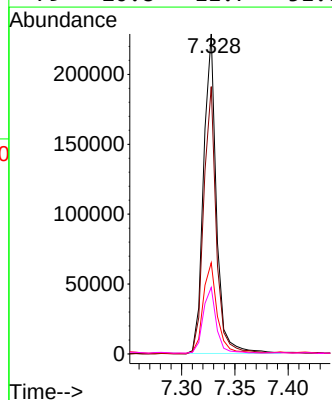
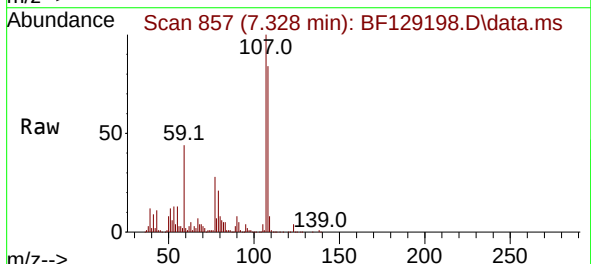
Instrument :
BNA_F
ClientSampleId :
VB16181

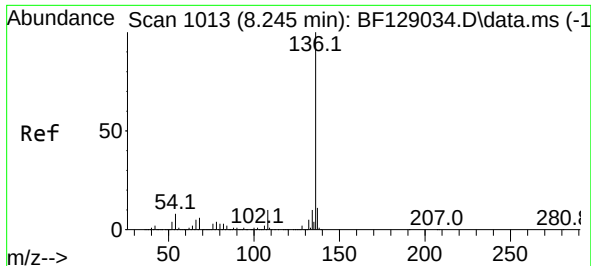
Tgt Ion:107 Resp: 192502
Ion Ratio Lower Upper
107 100
108 83.6 91.9 137.9#
77 28.5 37.8 56.8#
79 20.8 37.4 56.0#



#20
3+4-Methylphenols
Concen: 12.607 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:107 Resp: 192502
Ion Ratio Lower Upper
107 100
108 83.6 71.8 111.8
77 28.5 59.3 99.3#
79 20.8 11.7 51.7

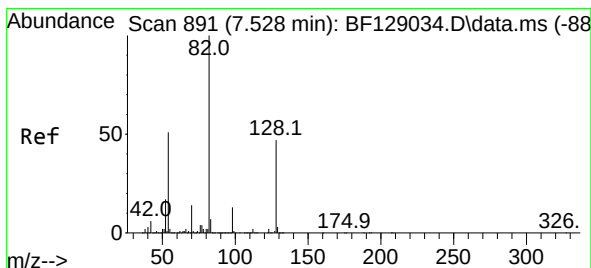
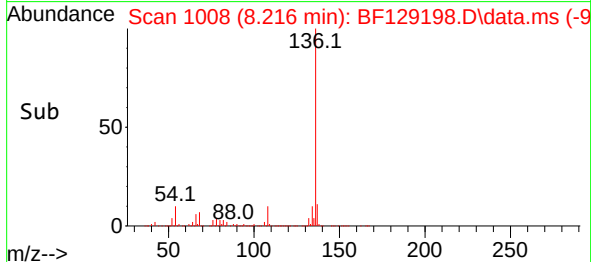
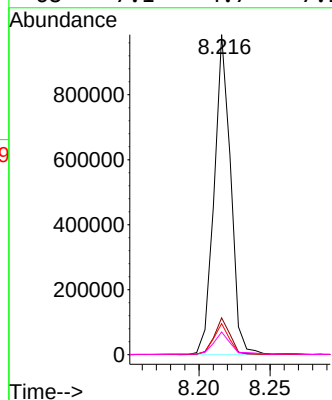
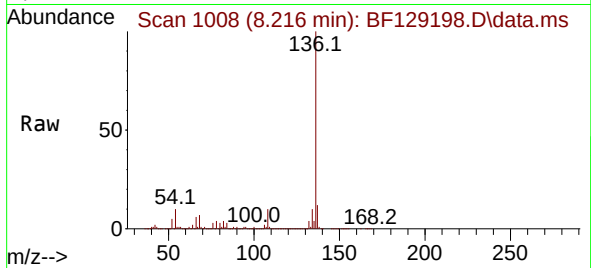




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

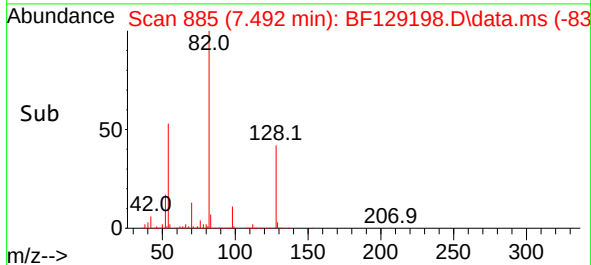
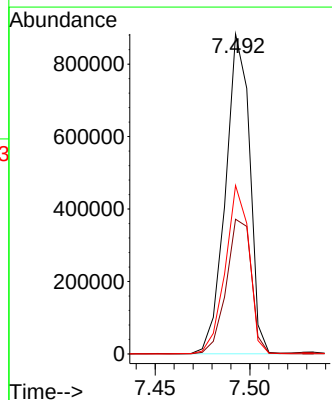
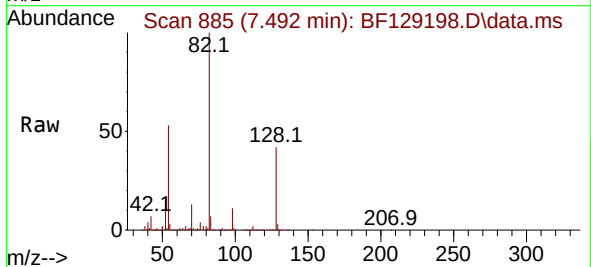
Instrument :
BNA_F
ClientSampleId :
VB16181

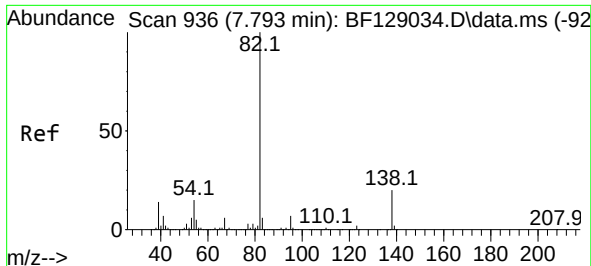
Tgt Ion:136 Resp: 796326
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.7 7.5 11.3
68 7.1 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 58.671 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion: 82 Resp: 783297
Ion Ratio Lower Upper
82 100
128 42.1 34.0 51.0
54 52.7 46.9 70.3

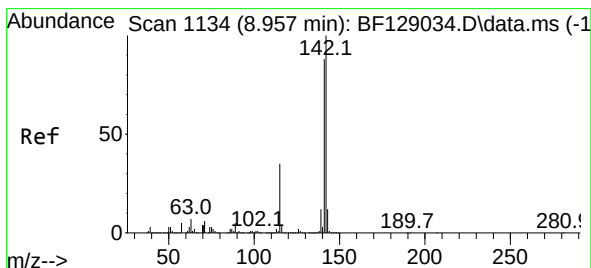
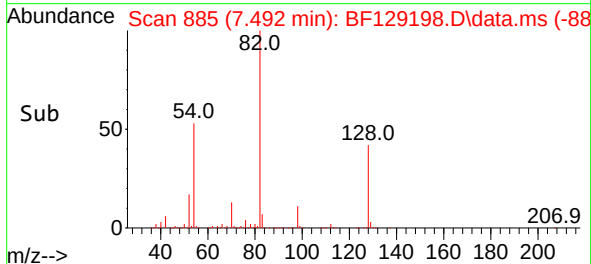
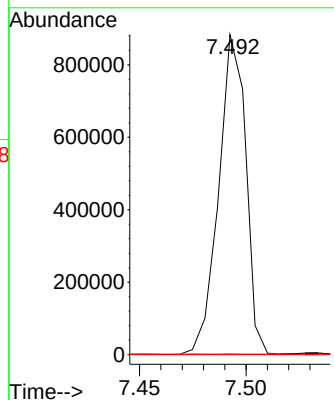
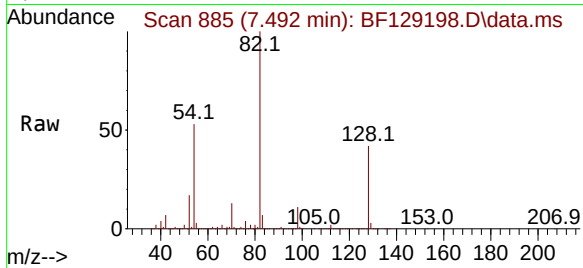




#25
Isophorone
Concen: 34.614 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

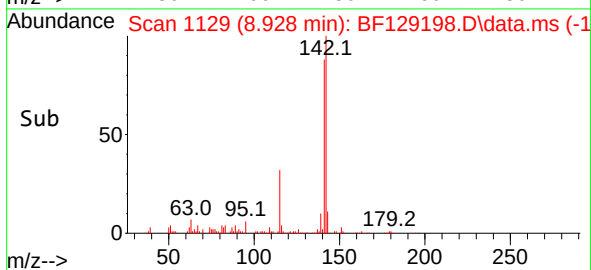
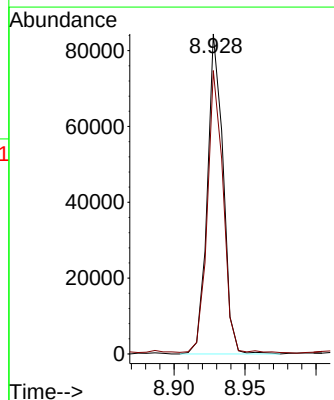
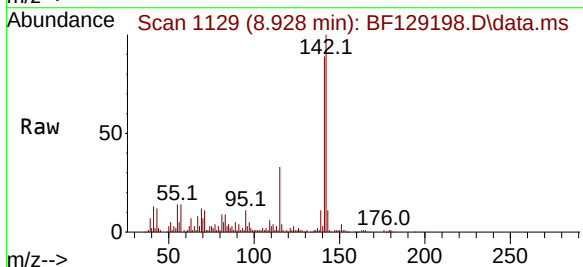
Instrument :
BNA_F
ClientSampleId :
VB16181

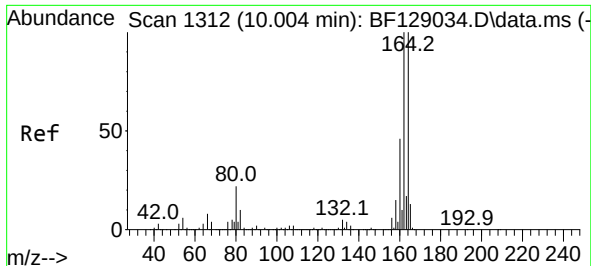
Tgt Ion: 82 Resp: 781014
Ion Ratio Lower Upper
82 100
95 0.2 5.7 8.5#
138 0.0 14.2 21.2#



#37
2-Methylnaphthalene
Concen: 2.696 ng
RT: 8.928 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion: 142 Resp: 65586
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.4

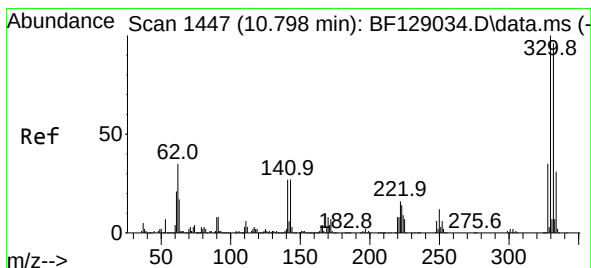
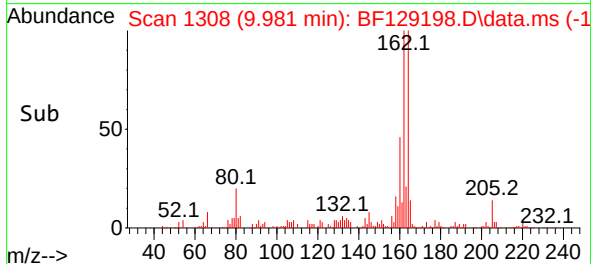
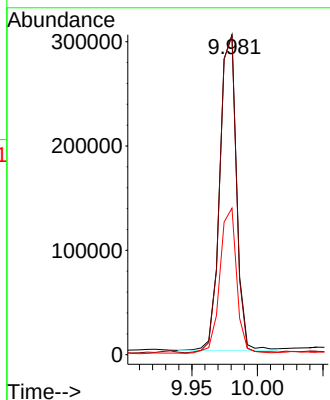
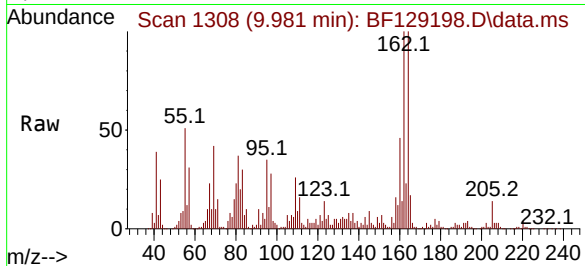




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

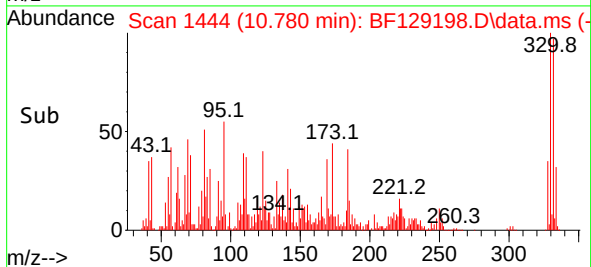
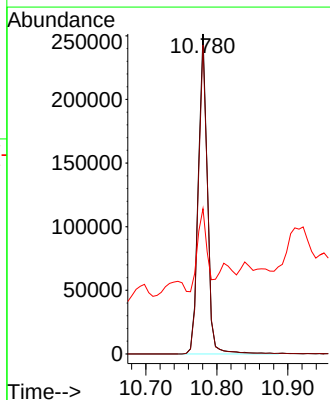
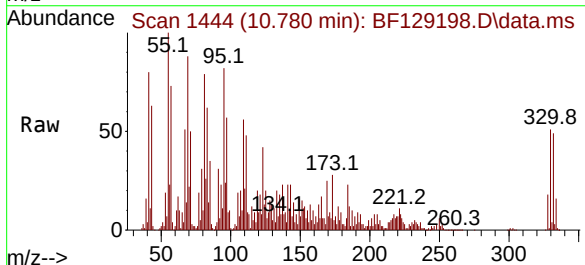
Instrument :
BNA_F
ClientSampleId :
VB16181

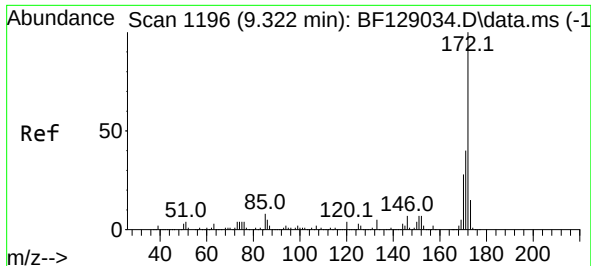
Tgt Ion:164 Resp: 266992
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 77.553 ng
RT: 10.780 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:330 Resp: 225146
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 27.9 28.0 42.0#

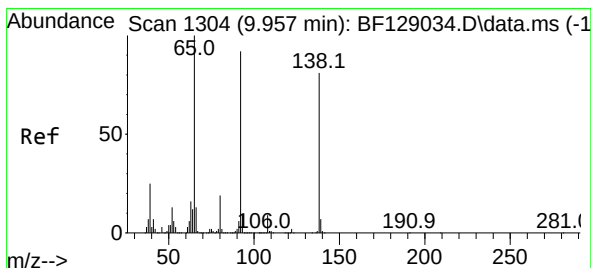
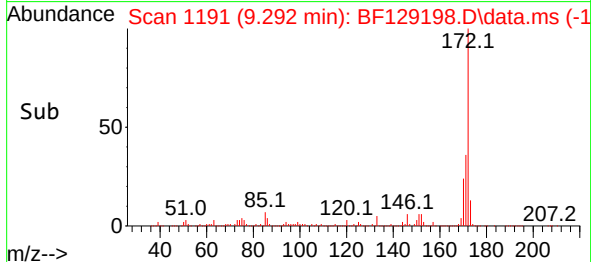
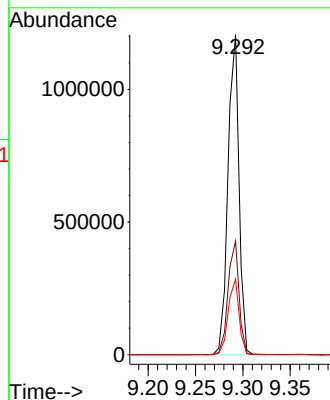
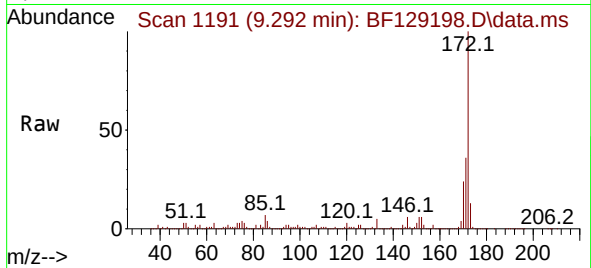




#45
2-Fluorobiphenyl
Concen: 58.650 ng
RT: 9.292 min Scan# 1196
Delta R.T. -0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

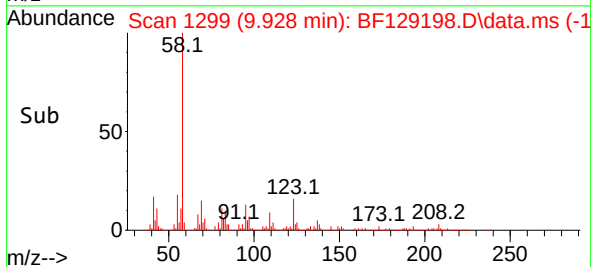
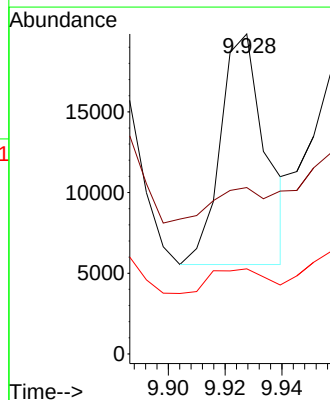
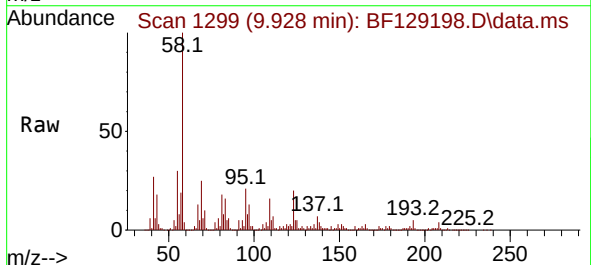
Instrument :
BNA_F
ClientSampleId :
VB16181

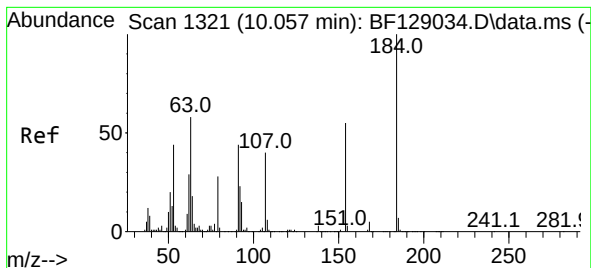
Tgt Ion:172 Resp: 978820
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.6 19.8 29.8



#53
3-Nitroaniline
Concen: 3.882 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:138 Resp: 15801
Ion Ratio Lower Upper
138 100
108 52.0 10.9 16.3#
92 26.6 98.2 147.2#





#54

2,4-Dinitrophenol

Concen: 6.957 ng

RT: 10.039 min Scan# 1318

Delta R.T. 0.000 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

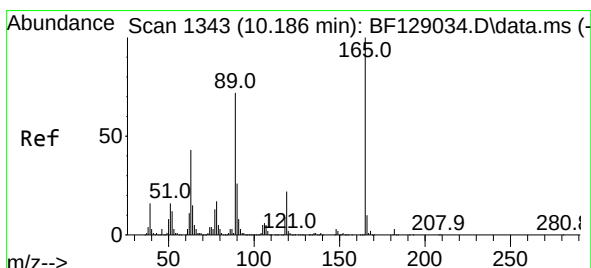
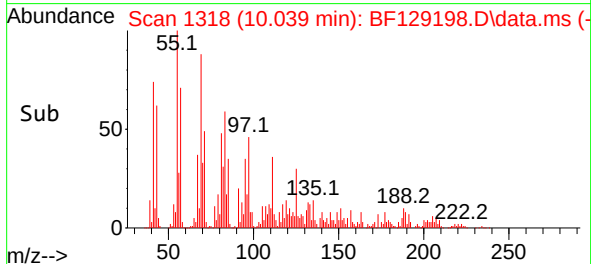
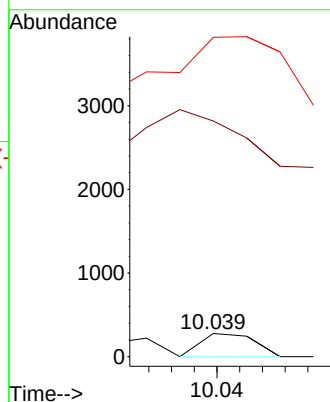
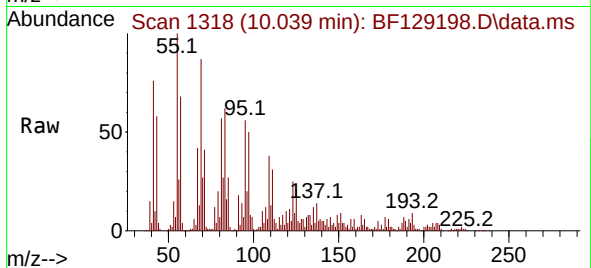
Instrument :

BNA_F

ClientSampleId :

VB16181

Tgt Ion:184	Resp:	184
Ion	Ratio	Lower Upper
184	100	
63	1013.3	64.5 96.7#
154	1373.4	50.6 75.8#



#57

2,4-Dinitrotoluene

Concen: 3.919 ng

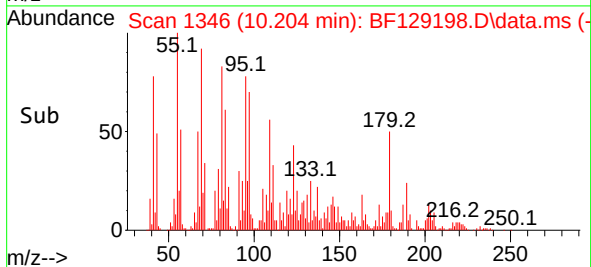
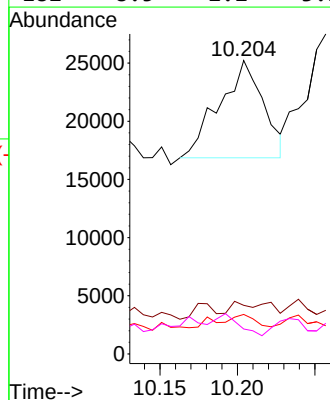
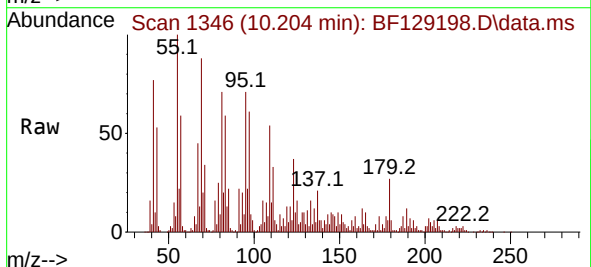
RT: 10.204 min Scan# 1346

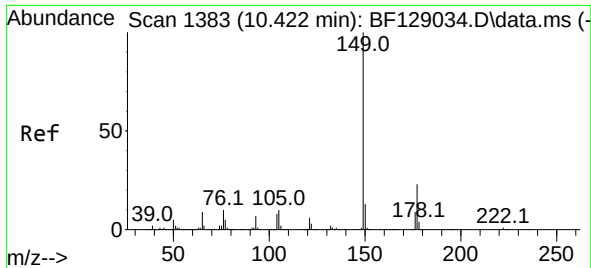
Delta R.T. 0.035 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Tgt Ion:165	Resp:	16513
Ion	Ratio	Lower Upper
165	100	
63	16.6	39.8 59.6#
89	13.5	60.2 90.2#
182	8.5	2.2 3.2#

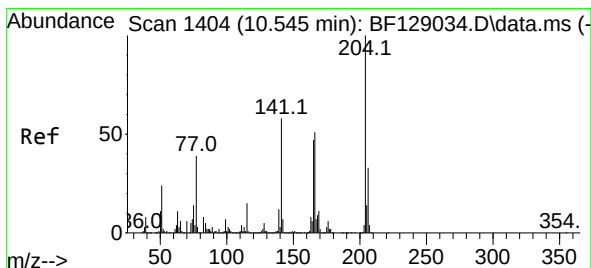
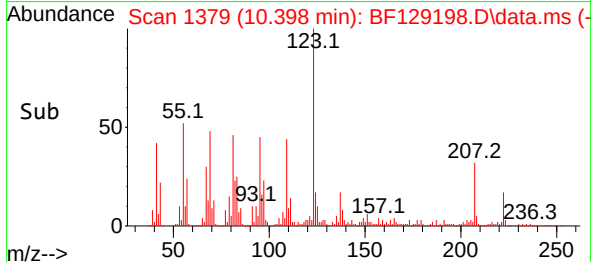
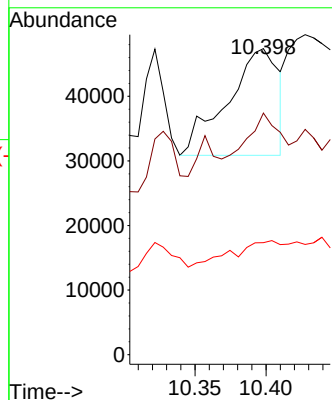
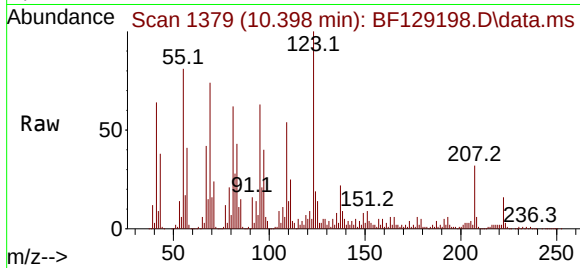




#60
Diethylphthalate
Concen: 2.476 ng
RT: 10.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

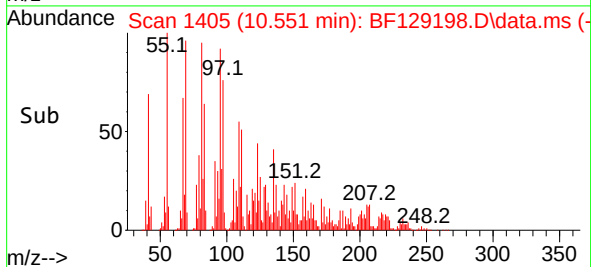
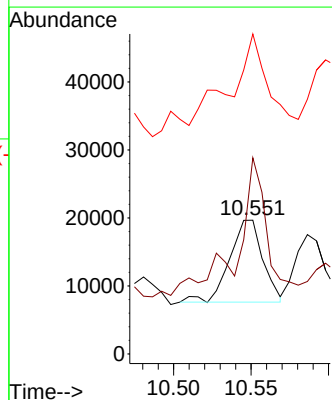
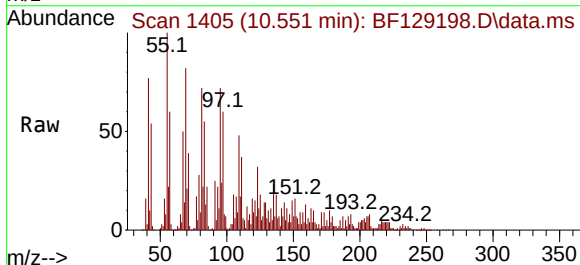
Instrument :
BNA_F
ClientSampleId :
VB16181

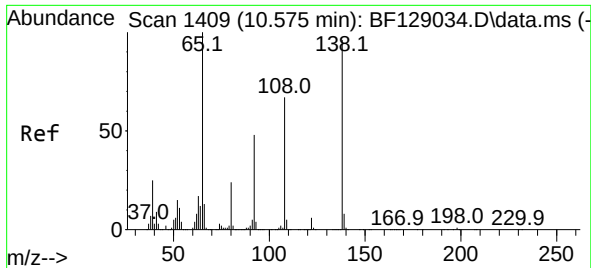
Tgt Ion:149 Resp: 41449
Ion Ratio Lower Upper
149 100
177 79.0 17.3 25.9#
150 36.6 10.2 15.2#



#61
4-Chlorophenyl-phenylether
Concen: 2.183 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.029 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:204 Resp: 17973
Ion Ratio Lower Upper
204 100
206 146.6 25.8 38.6#
141 239.2 47.0 70.4#

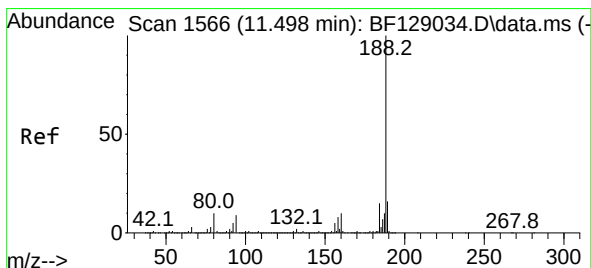
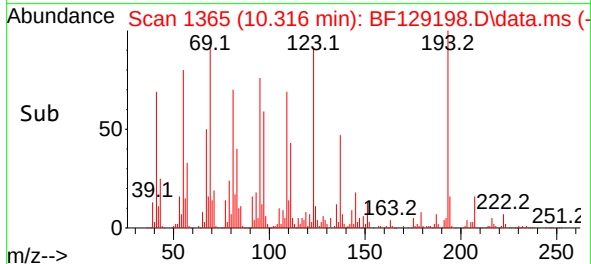
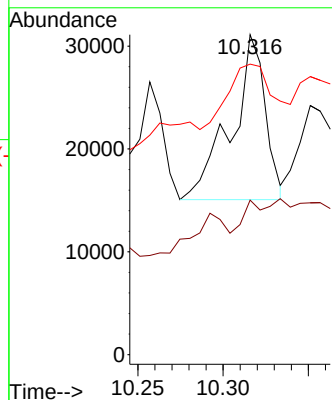
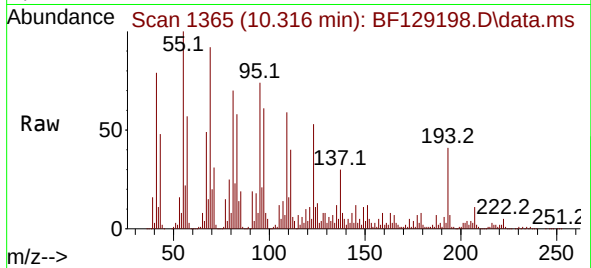




#62
4-Nitroaniline
Concen: 5.481 ng
RT: 10.316 min Scan# 11
Delta R.T. -0.235 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

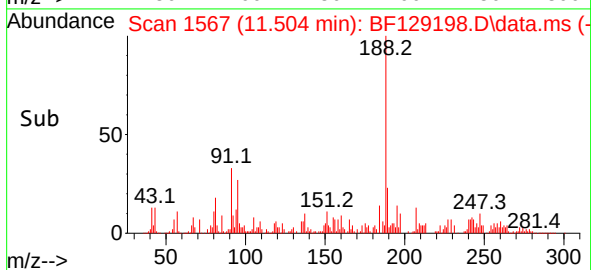
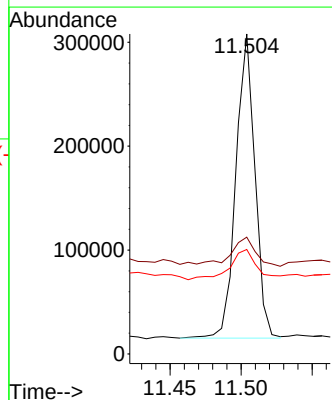
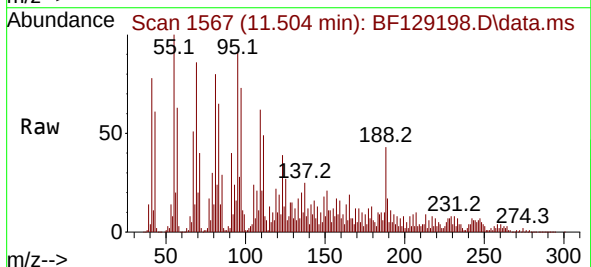
Instrument :
BNA_F
ClientSampleId :
VB16181

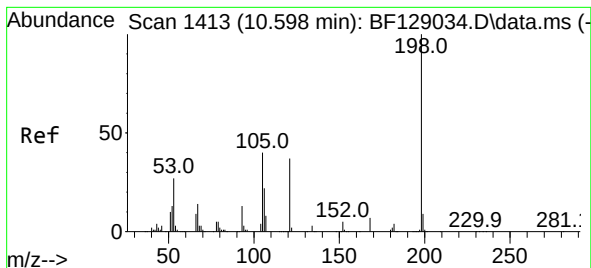
Tgt Ion:138 Resp: 22122
Ion Ratio Lower Upper
138 100
92 48.3 33.5 73.5
108 90.8 61.0 101.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.035 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:188 Resp: 272798
Ion Ratio Lower Upper
188 100
94 36.5 7.0 10.6#
80 32.6 7.6 11.4#

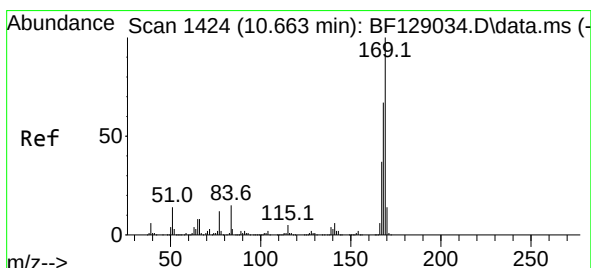
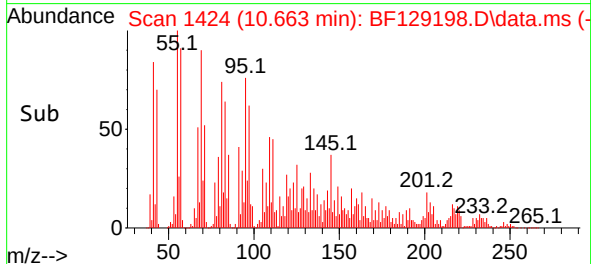
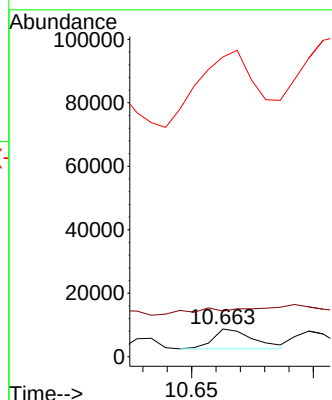
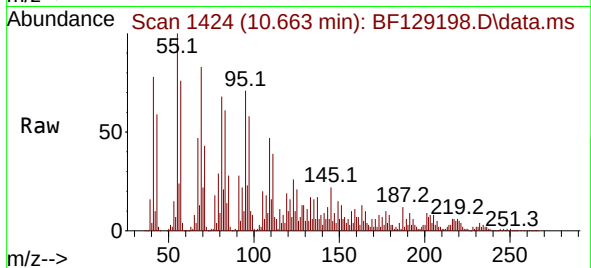




#65
4,6-Dinitro-2-methylphenol
Concen: 5.976 ng
RT: 10.663 min Scan# 1413
Delta R.T. 0.082 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

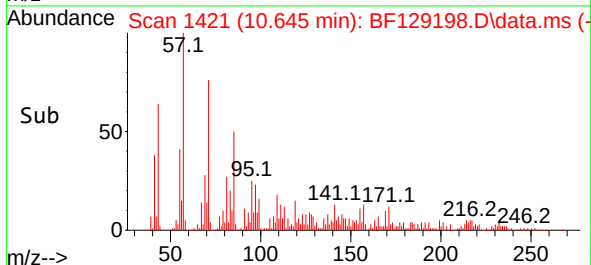
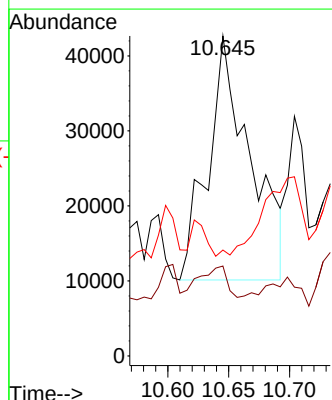
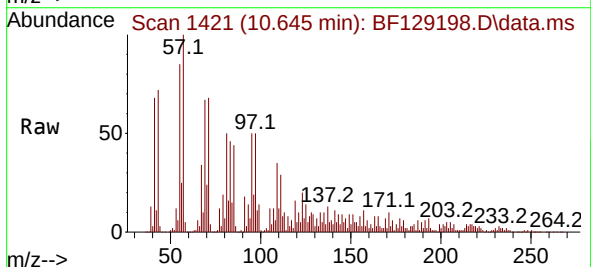
Instrument :
BNA_F
ClientSampleId :
VB16181

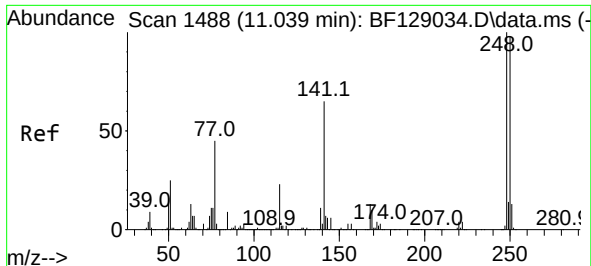
Tgt Ion:198 Resp: 7213
Ion Ratio Lower Upper
198 100
51 164.6 37.6 77.6#
105 1079.8 27.0 67.0#



#66
n-Nitrosodiphenylamine
Concen: 9.483 ng
RT: 10.645 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:169 Resp: 78564
Ion Ratio Lower Upper
169 100
168 28.1 50.1 75.1#
167 33.1 27.9 41.9

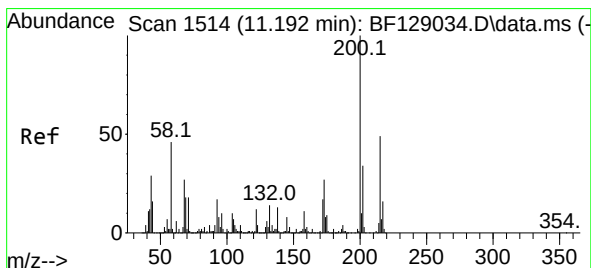
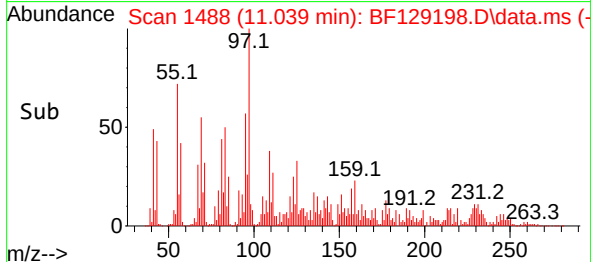
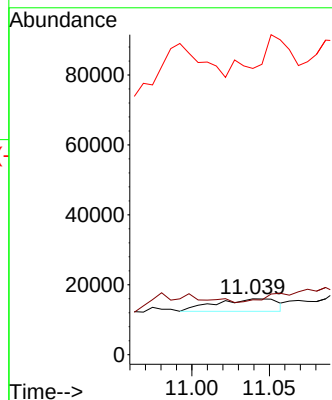
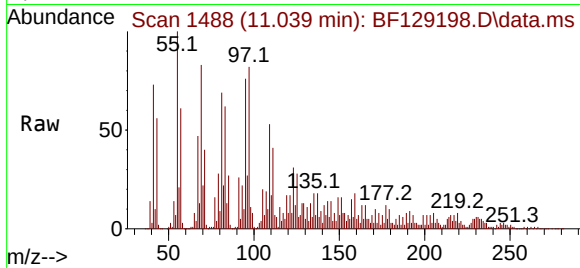




#67
4-Bromophenyl-phenylether
Concen: 3.426 ng
RT: 11.039 min Scan# 1488
Delta R.T. 0.029 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

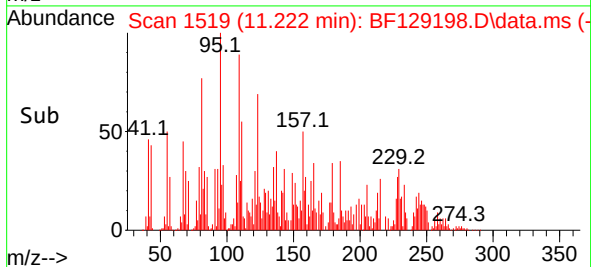
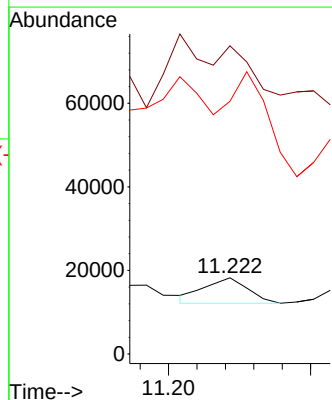
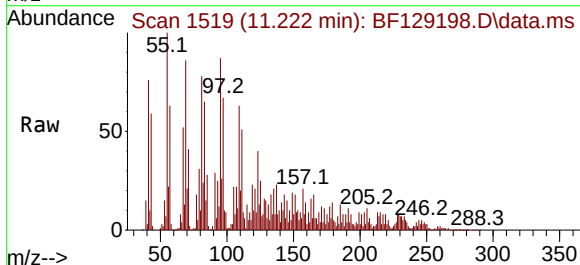
Instrument :
BNA_F
ClientSampleId :
VB16181

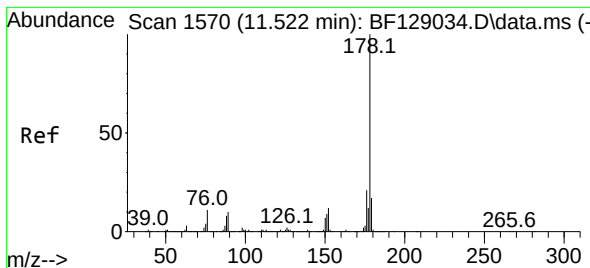
Tgt Ion:248 Resp: 9943
Ion Ratio Lower Upper
248 100
250 98.2 80.6 120.8
141 512.5 58.9 88.3#



#69
Atrazine
Concen: 2.804 ng
RT: 11.222 min Scan# 1519
Delta R.T. 0.059 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:200 Resp: 6537
Ion Ratio Lower Upper
200 100
173 404.9 6.3 46.3#
215 332.1 28.3 68.3#





#71

Phenanthrene

Concen: 3.739 ng

RT: 11.527 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

VB16181

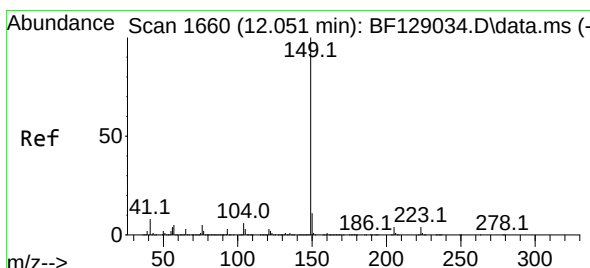
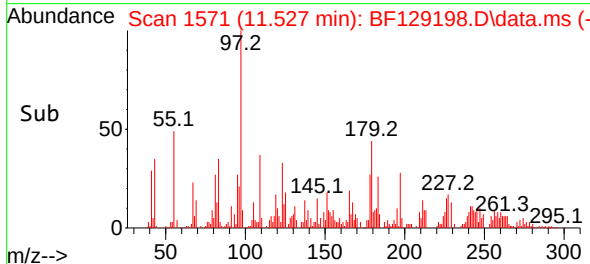
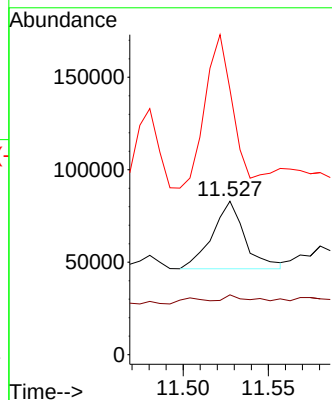
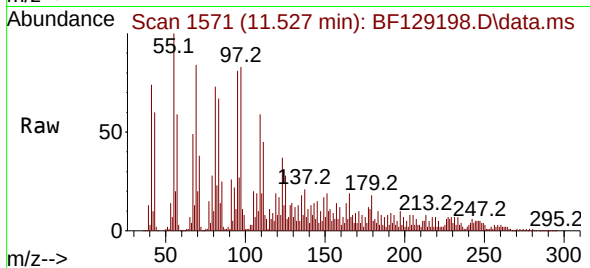
Tgt Ion:178 Resp: 48740

Ion Ratio Lower Upper

178 100

176 39.0 16.0 24.0#

179 172.8 12.6 19.0#



#74

Di-n-butylphthalate

Concen: 9.015 ng

RT: 12.075 min Scan# 1664

Delta R.T. 0.053 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

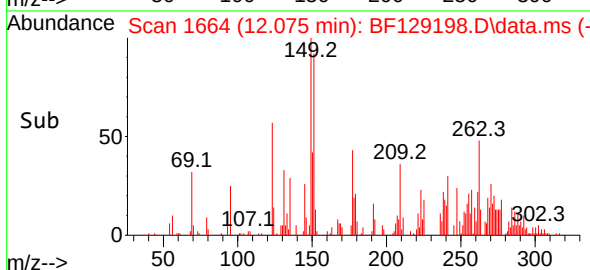
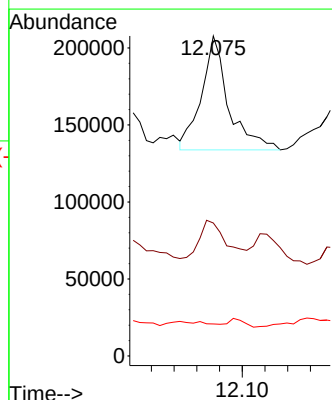
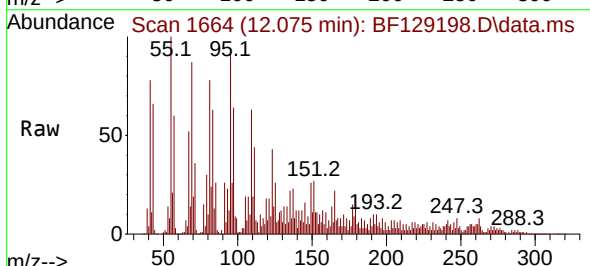
Tgt Ion:149 Resp: 122403

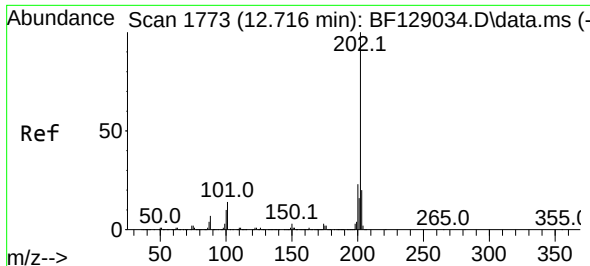
Ion Ratio Lower Upper

149 100

150 41.5 7.5 11.3#

104 10.0 4.4 6.6#

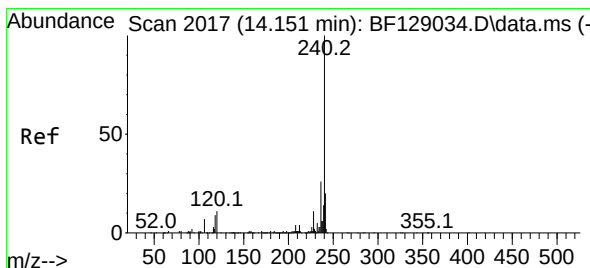
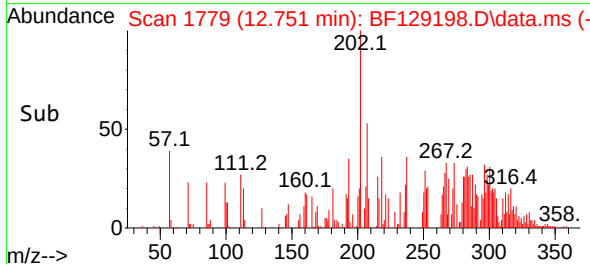
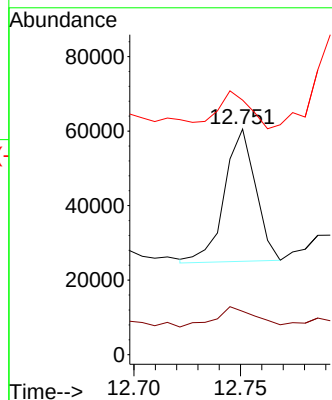
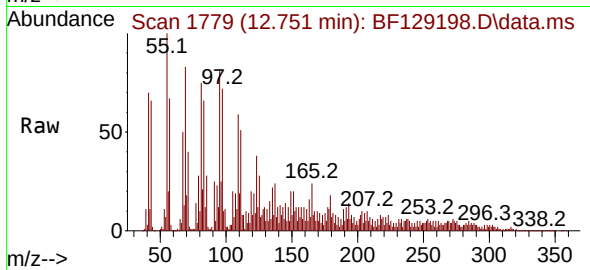




#75
Fluoranthene
Concen: 2.650 ng
RT: 12.751 min Scan# 1779
Delta R.T. 0.059 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

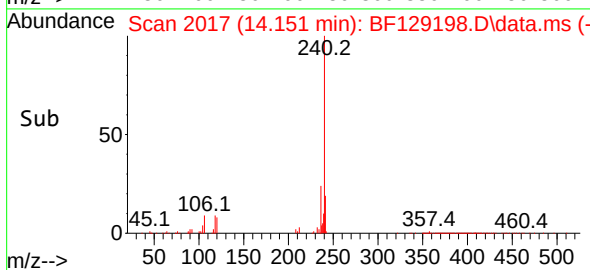
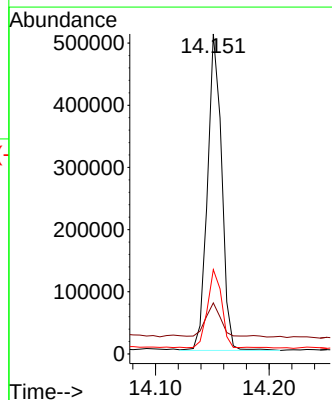
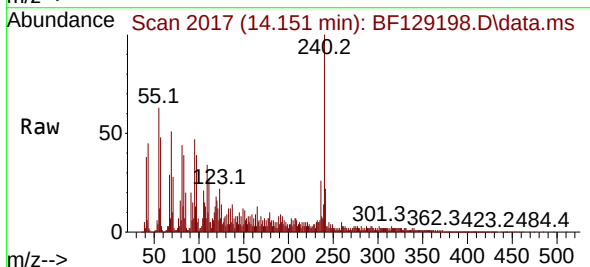
Instrument :
BNA_F
ClientSampleId :
VB16181

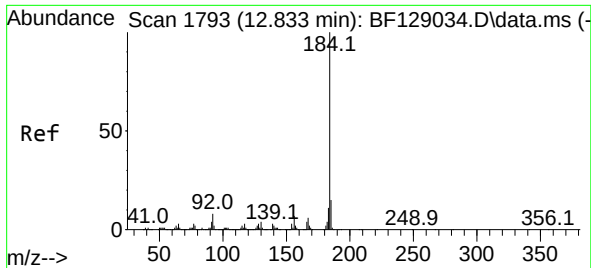
Tgt Ion:202 Resp: 36120
Ion Ratio Lower Upper
202 100
101 19.2 0.0 31.4
203 112.8 0.0 38.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.151 min Scan# 2017
Delta R.T. 0.030 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:240 Resp: 441418
Ion Ratio Lower Upper
240 100
120 16.0 8.9 13.3#
236 26.4 20.8 31.2

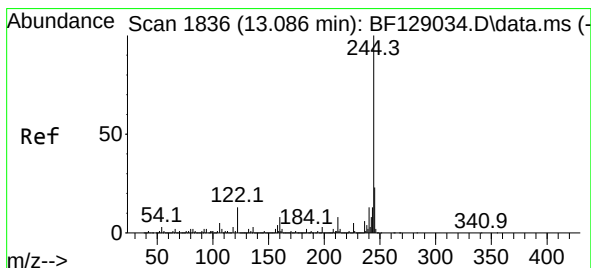
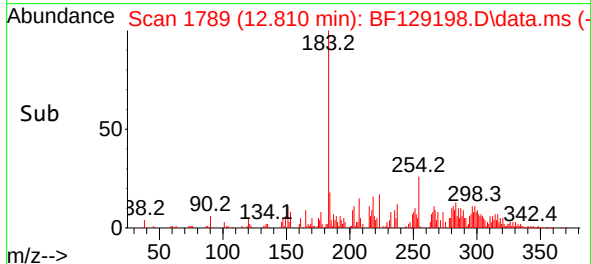
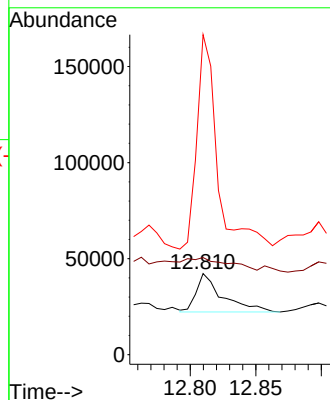
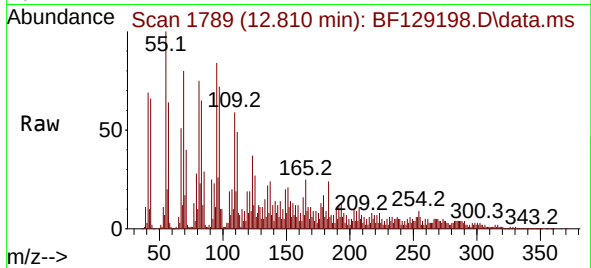




#77
Benzidine
Concen: 3.527 ng
RT: 12.810 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

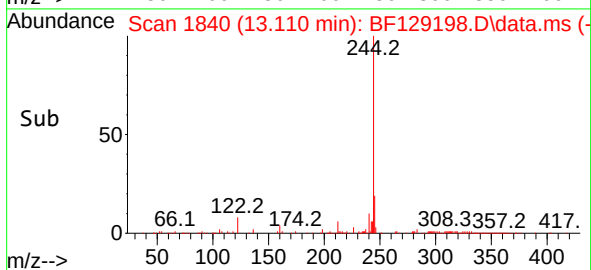
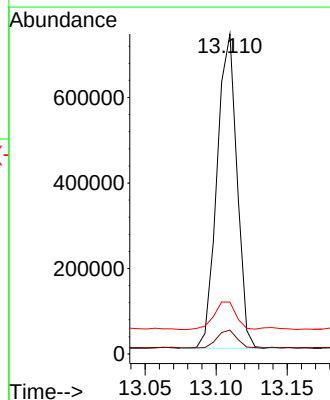
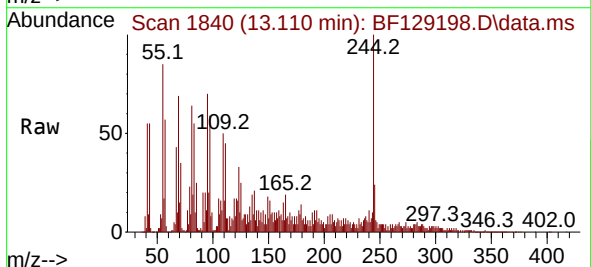
Instrument :
BNA_F
ClientSampleId :
VB16181

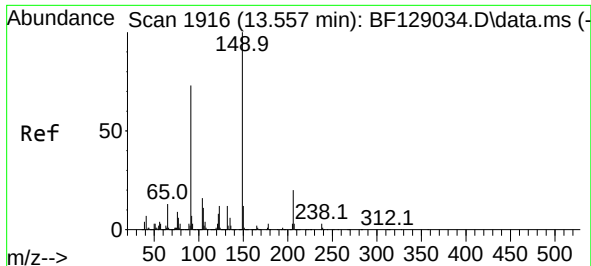
Tgt Ion:184 Resp: 27726
Ion Ratio Lower Upper
184 100
185 119.7 11.9 17.9#
183 394.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 33.813 ng
RT: 13.110 min Scan# 1840
Delta R.T. 0.047 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:244 Resp: 718741
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 16.2 8.8 13.2#

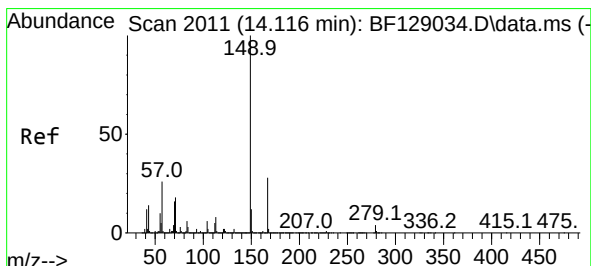
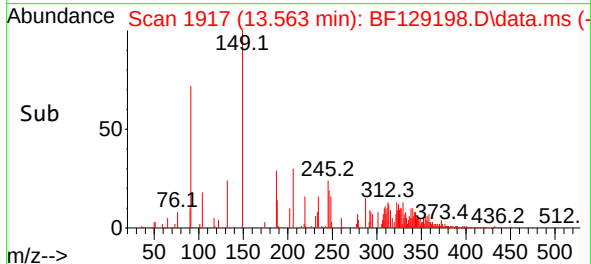
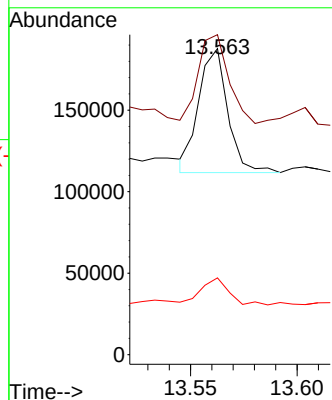
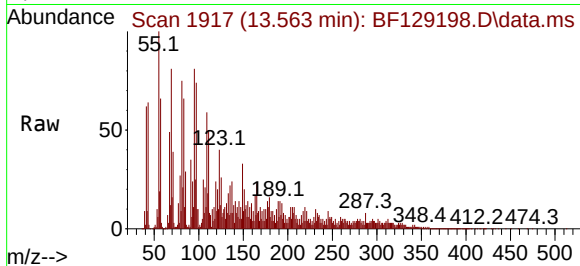




#80
 Butylbenzylphthalate
 Concen: 5.784 ng
 RT: 13.563 min Scan# 1916
 Delta R.T. 0.035 min
 Lab File: BF129198.D
 Acq: 12 Jul 2022 19:56

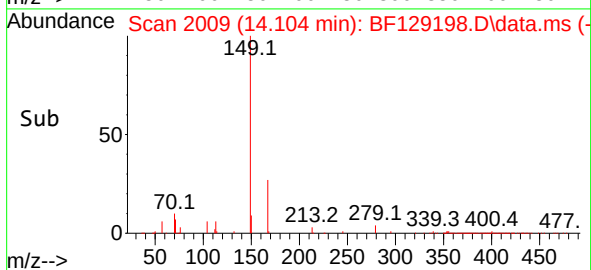
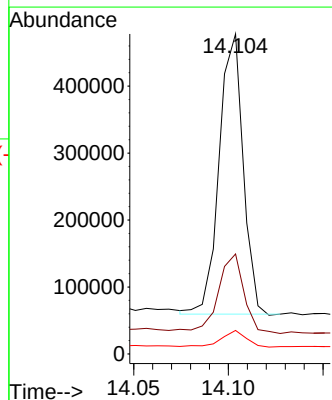
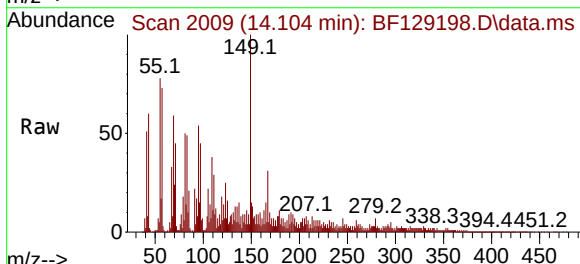
Instrument :
 BNA_F
 ClientSampleId :
 VB16181

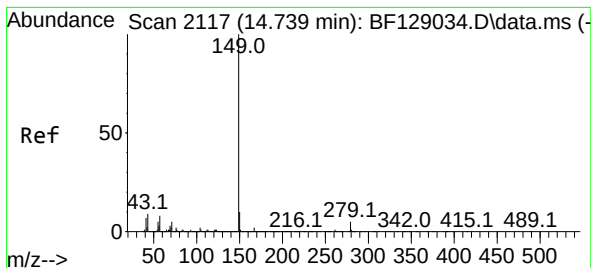
Tgt Ion:149 Resp: 72091
 Ion Ratio Lower Upper
 149 100
 91 104.6 61.2 91.8#
 206 25.1 15.7 23.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 22.222 ng
 RT: 14.104 min Scan# 2009
 Delta R.T. 0.024 min
 Lab File: BF129198.D
 Acq: 12 Jul 2022 19:56

Tgt Ion:149 Resp: 368128
 Ion Ratio Lower Upper
 149 100
 167 31.2 21.0 31.4
 279 7.3 3.1 4.7#





#85

Di-n-octyl phthalate

Concen: 2.724 ng

RT: 14.745 min Scan# 2117

Delta R.T. 0.041 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

Instrument :

BNA_F

ClientSampleId :

VB16181

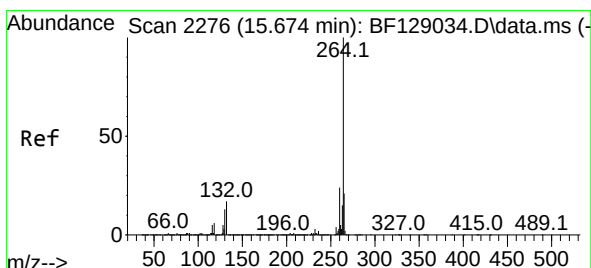
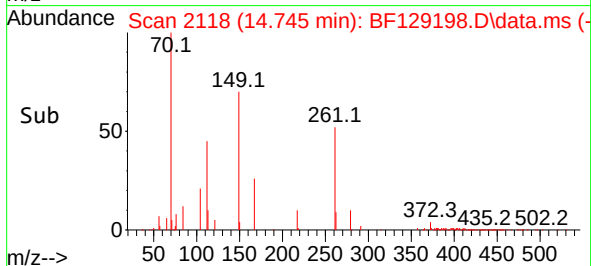
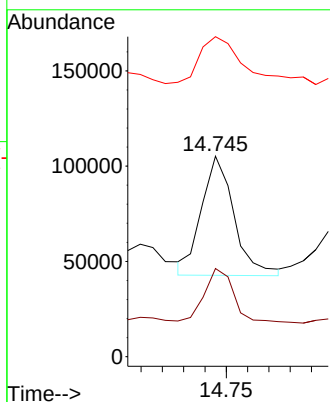
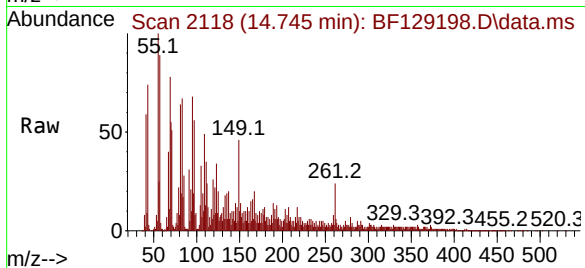
Tgt Ion:149 Resp: 66604

Ion Ratio Lower Upper

149 100

167 46.7 1.3 1.9#

43 55.4 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.651 min Scan# 2272

Delta R.T. 0.018 min

Lab File: BF129198.D

Acq: 12 Jul 2022 19:56

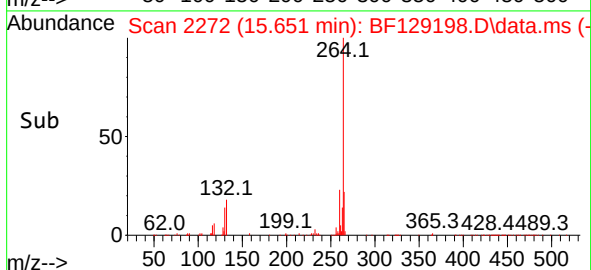
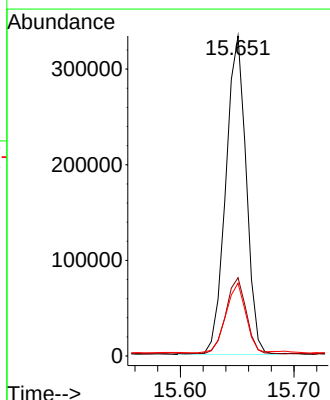
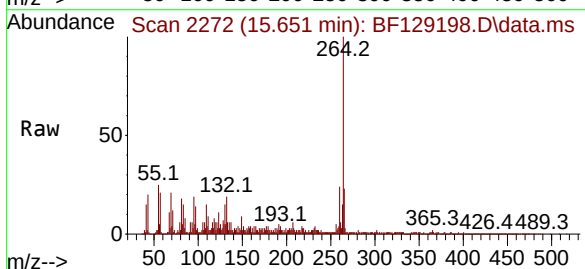
Tgt Ion:264 Resp: 415184

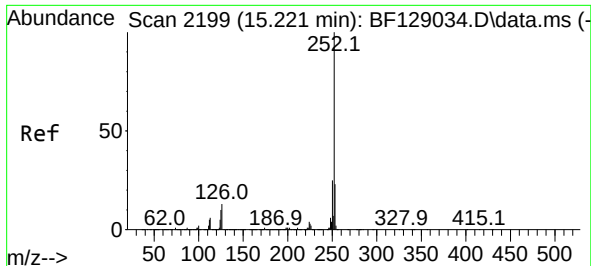
Ion Ratio Lower Upper

264 100

260 24.4 18.4 27.6

265 22.8 17.2 25.8

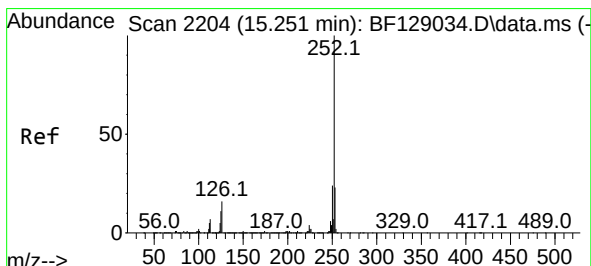
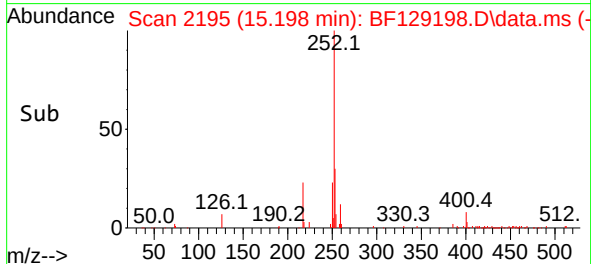
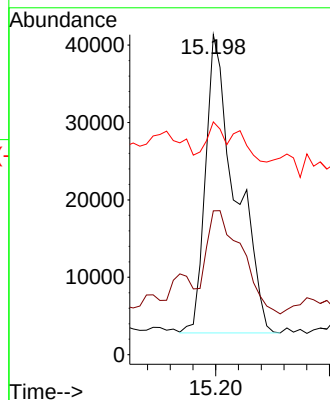
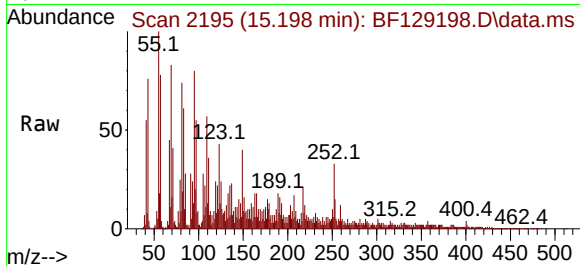




#88
Benzo(b)fluoranthene
Concen: 2.816 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.012 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Instrument :
BNA_F
ClientSampleId :
VB16181

Tgt Ion:252 Resp: 70313
Ion Ratio Lower Upper
252 100
253 44.9 17.7 26.5#
125 72.7 8.0 12.0#



#89
Benzo(k)fluoranthene
Concen: 2.903 ng
RT: 15.198 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF129198.D
Acq: 12 Jul 2022 19:56

Tgt Ion:252 Resp: 70313
Ion Ratio Lower Upper
252 100
253 44.9 17.8 26.6#
125 72.7 8.3 12.5#

